

# Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion									
Generator Data		07/27/2025																													
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	EDT	47.01	41.79	38.97	37.03	36.72	35.81	36.66	37.33	40.49	45.36	48.75	50.79	52.57	55.58	59.90	61.85	71.73	80.27	81.54	82.10	77.77	70.72	60.15	51.94						
		3.08	2.88	2.48	2.26	2.21	2.22	2.53	2.34	2.79	2.69	2.67	2.69	2.60	2.70	2.73	2.25	2.81	3.45	3.44	3.08	2.12	1.66	2.26	2.24						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.37	-0.30	-0.46	-0.18	0.00	0.00	0.00	0.00	0.00						
74TH STREET_GT_1 24260	EDT	47.10	41.87	39.04	37.10	36.79	35.87	36.73	37.36	40.53	45.41	48.80	50.84	52.62	55.64	59.90	62.03	71.87	80.50	81.77	82.33	78.00	70.86	60.21	52.04						
		3.16	2.96	2.55	2.33	2.28	2.28	2.59	2.38	2.83	2.73	2.72	2.74	2.65	2.75	2.73	2.43	2.94	3.68	3.67	3.32	2.35	1.80	2.32	2.34						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.37	-0.30	-0.46	-0.18	0.00	0.00	0.00	0.00	0.00						
74TH STREET_GT_2 24261	EDT	47.10	41.87	39.04	37.10	36.79	35.87	36.73	37.36	40.53	45.41	48.80	50.84	52.62	55.64	59.90	62.03	71.87	80.50	81.77	82.33	78.00	70.86	60.21	52.04						
		3.16	2.96	2.55	2.33	2.28	2.28	2.59	2.38	2.83	2.73	2.72	2.74	2.65	2.75	2.73	2.43	2.94	3.68	3.67	3.32	2.35	1.80	2.32	2.34						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.37	-0.30	-0.46	-0.18	0.00	0.00	0.00	0.00	0.00						
ADK HUDSON___FALLS 24011	EDT	46.40	41.25	38.64	36.79	36.55	35.54	35.77	36.94	39.70	44.13	47.28	49.97	51.72	54.58	57.61	60.04	69.22	78.25	81.85	82.97	79.28	72.45	60.96	51.99						
		2.46	2.33	2.15	2.02	2.04	1.95	1.64	1.96	2.00	1.45	1.20	1.88	1.75	1.69	1.14	1.01	1.16	1.76	3.75	3.95	3.63	3.38	3.07	2.29						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.27	0.41	0.16	0.00	0.00	0.00	0.00	0.00	0.00						
ADK RESOURCE___RCVRY 23798	EDT	46.62	41.40	38.83	36.96	36.69	35.67	35.87	37.08	39.89	44.26	47.37	50.16	51.97	54.79	57.79	60.22	69.43	78.56	82.39	83.60	79.88	73.00	61.36	52.28						
		2.68	2.49	2.34	2.19	2.18	2.08	1.74	2.10	2.19	1.58	1.29	2.07	2.00	1.90	1.31	1.19	1.37	2.07	4.29	4.58	4.23	3.93	3.47	2.58						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.26	0.40	0.16	0.00	0.00	0.00	0.00	0.00	0.00						
ADK S GLENS___FALLS 24028	EDT	46.40	41.25	38.64	36.79	36.55	35.54	35.77	36.94	39.70	44.13	47.28	49.97	51.72	54.58	57.61	60.04	69.22	78.25	81.85	82.97	79.28	72.45	60.96	51.99						
		2.46	2.33	2.15	2.02	2.04	1.95	1.64	1.96	2.00	1.45	1.20	1.88	1.75	1.69	1.14	1.01	1.16	1.76	3.75	3.95	3.63	3.38	3.07	2.29						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.27	0.41	0.16	0.00	0.00	0.00	0.00	0.00	0.00						
ADK_NYS___DAM 23527	EDT	45.78	40.74	38.24	36.44	36.17	35.20	35.77	36.45	39.13	43.70	46.95	49.20	51.07	53.73	56.64	59.12	68.24	77.37	79.81	80.59	76.48	69.69	58.93	50.49						
		1.84	1.83	1.75	1.67	1.66	1.61	1.64	1.47	1.43	1.02	0.87	1.11	1.10	0.84	0.57	0.42	0.68	1.07	1.72	1.58	0.83	0.62	1.04	0.79						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.74	0.59	0.91	0.35	0.00	0.00	0.00	0.00	0.00	0.00						
AIR_PRODUCTS___DRP 24190	EDT	43.94	39.14	36.82	35.19	34.93	33.99	34.47	35.19	37.74	42.21	45.34	47.42	49.27	51.99	55.34	57.60	66.48	74.83	76.85	77.67	73.91	67.48	56.96	48.86						
		0.00	0.23	0.33	0.42	0.41	0.40	0.34	0.21	0.04	-0.47	-0.74	-0.67	-0.70	-0.90	-1.19	-1.48	-1.64	-1.69	-1.25	-1.34	-1.74	-1.59	-0.93	-0.84						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.22	0.34	0.13	0.00	0.00	0.00	0.00	0.00	0.00						
AKWESSNE_115KV_BK 355683	EDT	43.89	38.52	36.05	34.39	34.13	33.22	33.76	34.67	37.47	42.97	46.59	48.43	50.27	53.15	57.20	59.71	69.01	76.65	77.71	78.70	76.26	69.76	58.30	49.95						
		-0.04	-0.39	-0.44	-0.38	-0.38	-0.37	-0.38	-0.31	-0.23	0.30	0.51	0.34	0.30	0.26	0.40	0.42	0.55	0.00	-0.39	-0.32	0.61	0.69	0.41	0.25						
		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						
ALBANY_1_SOLAR 323833	EDT	44.16	39.30	36.93	35.29	35.06	34.09	34.44	35.23	37.70	42.08	45.20	47.32	49.10	50.80	53.13	54.80	61.21	67.29	68.98	69.82	67.24	68.01	57.41	48.99						
		0.22	0.39	0.44	0.52	0.55	0.50	0.31	0.25	0.00	-0.60	-0.88	-0.77	-0.80	-0.95	-1.42	-1.60	-1.78	-1.69	-1.02	-0.87	-1.13	-1.03	-0.47	-0.45						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	1.14	2.25	2.90	5.48	7.67	8.10	8.33	7.28	0.02	0.02	0.26						
ALBANY_2_SOLAR 323834	EDT	44.16	39.30	36.93	35.29	35.03	34.09	34.44	35.23	37.70	42.08	45.20	47.32	49.10	50.75	53.08	54.80	61.21	67.22	68.98	69.74	67.16	68.01	57.35	48.94						
		0.22	0.39	0.44	0.52	0.52	0.50	0.31	0.25	0.00	-0.60	-0.88	-0.77	-0.80	-1.01	-1.48	-1.60	-1.78	-1.76	-1.02	-0.94	-1.21	-1.03	-0.52	-0.50						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	1.14	2.25	2.90	5.47	7.67	8.10	8.33	7.28	0.02	0.02	0.26						
ALBANY___1 23571	EDT	43.94	39.14	36.82	35.19	34.93	33.99	34.47	35.19	37.74	42.21	45.34	47.42	49.27	51.99	55.34	57.60	66.48	74.83	76.85	77.67	73.91	67.48	56.96	48.86						
		0.00	0.23	0.33	0.42	0.41	0.40	0.34	0.21	0.04	-0.47	-0.74	-0.67	-0.70	-0.90	-1.19	-1.48	-1.64	-1.69	-1.25	-1.34	-1.74	-1.59	-0.93	-0.84						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.22	0.34	0.13	0.00	0.00	0.00	0.00	0.00	0.00						

ALBANY___2 23572	43.94 0.00 0.00	39.14 0.23 0.00	36.82 0.33 0.00	35.19 0.42 0.00	34.93 0.41 0.00	33.99 0.40 0.00	34.47 0.34 0.00	35.19 0.21 0.00	37.74 0.04 0.00	42.21 -0.47 0.00	45.34 -0.74 0.00	47.42 -0.67 0.00	49.27 -0.70 0.00	51.99 -0.90 0.00	55.34 -1.19 0.27	57.60 -1.48 0.22	66.48 -1.64 0.34	74.83 -1.69 0.13	76.85 -1.25 0.00	77.67 -1.34 0.00	73.91 -1.74 0.00	67.48 -1.59 0.00	56.96 -0.93 0.00	48.86 -0.84 0.00
ALBANY___3 23573	43.94 0.00 0.00	39.14 0.23 0.00	36.82 0.33 0.00	35.19 0.42 0.00	34.93 0.41 0.00	33.99 0.40 0.00	34.47 0.34 0.00	35.19 0.21 0.00	37.74 0.04 0.00	42.21 -0.47 0.00	45.34 -0.74 0.00	47.42 -0.67 0.00	49.27 -0.70 0.00	51.99 -0.90 0.00	55.34 -1.19 0.27	57.60 -1.48 0.22	66.48 -1.64 0.34	74.83 -1.69 0.13	76.85 -1.25 0.00	77.67 -1.34 0.00	73.91 -1.74 0.00	67.48 -1.59 0.00	56.96 -0.93 0.00	48.86 -0.84 0.00
ALBANY___4 23574	43.94 0.00 0.00	39.14 0.23 0.00	36.82 0.33 0.00	35.19 0.42 0.00	34.93 0.41 0.00	33.99 0.40 0.00	34.47 0.34 0.00	35.19 0.21 0.00	37.74 0.04 0.00	42.21 -0.47 0.00	45.34 -0.74 0.00	47.42 -0.67 0.00	49.27 -0.70 0.00	51.99 -0.90 0.00	55.34 -1.19 0.27	57.60 -1.48 0.22	66.48 -1.64 0.34	74.83 -1.69 0.13	76.85 -1.25 0.00	77.67 -1.34 0.00	73.91 -1.74 0.00	67.48 -1.59 0.00	56.96 -0.93 0.00	48.86 -0.84 0.00
ALBANY___LFGE 323615	44.51 0.57 0.00	39.57 0.66 0.00	37.22 0.73 0.00	35.54 0.76 0.00	35.31 0.79 0.00	34.33 0.74 0.00	34.78 0.65 0.00	35.58 0.59 0.00	38.19 0.49 0.00	42.68 0.00 0.00	45.90 -0.18 0.00	48.09 0.00 0.00	49.92 -0.05 0.00	52.73 -0.16 0.00	55.94 -0.57 0.30	58.35 -0.71 0.24	67.34 -0.75 0.37	75.81 -0.69 0.14	78.02 -0.08 0.00	78.78 -0.24 0.00	74.97 -0.68 0.00	68.44 -0.62 0.00	57.83 -0.06 0.00	49.55 -0.15 0.00
ALCOA_PA_115KV_PL-6C 55860	44.20 0.26 0.00	38.79 -0.12 0.00	36.27 -0.22 0.00	34.60 -0.17 0.00	34.38 -0.14 0.00	33.42 -0.17 0.00	33.93 -0.20 0.00	34.88 -0.10 0.00	37.70 0.00 0.00	43.23 0.55 0.00	46.96 0.88 0.00	48.77 0.67 0.00	50.62 0.65 0.00	53.52 0.63 0.00	57.60 0.80 0.00	60.13 0.83 0.00	69.42 0.96 0.00	77.18 0.54 0.00	78.33 0.23 0.00	79.41 0.40 0.00	76.94 1.29 0.00	70.45 1.38 0.00	58.93 1.04 0.00	50.40 0.70 0.00
ALCOA_RYNLDS___DRP 24188	44.20 0.26 0.00	38.79 -0.12 0.00	36.27 -0.22 0.00	34.60 -0.17 0.00	34.38 -0.14 0.00	33.42 -0.17 0.00	33.93 -0.20 0.00	34.88 -0.10 0.00	37.70 0.00 0.00	43.23 0.55 0.00	46.96 0.88 0.00	48.77 0.67 0.00	50.62 0.65 0.00	53.52 0.63 0.00	57.60 0.80 0.00	60.13 0.83 0.00	69.42 0.96 0.00	77.18 0.54 0.00	78.33 0.23 0.00	79.41 0.40 0.00	76.94 1.29 0.00	70.45 1.38 0.00	58.93 1.04 0.00	50.40 0.70 0.00
ALCOA___DSASP 323711	44.20 0.27 0.00	38.76 -0.16 0.00	36.27 -0.22 0.00	34.60 -0.17 0.00	34.38 -0.14 0.00	33.42 -0.17 0.00	33.93 -0.20 0.00	34.88 -0.10 0.00	37.70 0.00 0.00	43.23 0.55 0.00	46.95 0.87 0.00	48.82 0.72 0.00	50.62 0.65 0.00	53.52 0.64 0.00	57.60 0.79 0.00	60.13 0.83 0.00	69.42 0.96 0.00	77.19 0.54 0.00	78.33 0.24 0.00	79.41 0.40 0.00	76.94 1.28 0.00	70.45 1.38 0.00	58.93 1.04 0.00	50.40 0.70 0.00
ALLEGHENY___COGEN 23514	45.92 1.98 0.00	41.83 2.92 0.00	39.23 2.74 0.00	36.65 1.88 0.00	36.24 1.72 0.00	35.20 1.61 0.00	35.50 1.37 0.00	36.70 1.71 0.00	39.06 1.36 0.00	43.32 0.64 0.00	46.40 0.32 0.00	48.38 0.29 0.00	49.12 -0.85 0.00	52.57 -0.32 0.00	57.49 0.68 0.00	60.24 0.95 0.00	69.76 1.30 0.00	80.25 3.60 0.00	83.56 5.47 0.00	86.53 7.51 0.00	81.86 6.20 0.00	74.46 5.39 0.00	61.42 3.53 0.00	52.93 3.23 0.00
ALTAMONT_115KV_TB 2 55880	44.55 0.62 0.00	39.65 0.74 0.00	37.18 0.69 0.00	35.54 0.76 0.00	35.27 0.76 0.00	34.33 0.74 0.00	34.85 0.72 0.00	35.61 0.63 0.00	38.23 0.53 0.00	42.85 0.17 0.00	46.08 0.00 0.00	48.19 0.10 0.00	50.03 0.05 0.00	52.95 0.00 -0.07	56.58 -0.17 0.06	58.96 -0.36 -0.02	68.21 -0.34 -0.08	76.77 -0.23 -0.35	78.72 0.16 -0.47	79.65 0.16 -0.48	75.77 -0.30 -0.42	68.79 -0.28 0.00	57.95 0.06 0.00	49.76 0.05 -0.01
ALTONA_WT_PWR 323606	44.25 0.31 0.00	38.87 -0.04 0.00	36.31 -0.18 0.00	34.60 -0.17 0.00	34.31 -0.21 0.00	33.39 -0.20 0.00	33.96 -0.17 0.00	34.95 -0.03 0.00	37.89 0.19 0.00	43.48 0.81 0.00	47.18 1.10 0.00	48.77 0.67 0.00	50.32 0.35 0.00	53.21 0.32 0.00	57.21 0.40 0.00	59.77 0.47 0.00	69.08 0.61 0.00	76.80 0.15 0.00	78.02 -0.08 0.00	79.09 0.08 0.00	76.56 0.91 0.00	69.96 0.90 0.00	58.35 0.46 0.00	49.90 0.20 0.00
AMERICAN_REF_FUEL 24010	42.75 -1.18 0.00	39.61 0.70 0.00	37.26 0.77 0.00	34.57 -0.21 0.00	33.69 -0.83 0.00	33.12 -0.47 0.00	33.11 -1.02 0.00	35.44 0.45 0.00	38.15 0.45 0.00	41.86 -0.81 0.00	45.30 -0.78 0.00	47.57 -0.53 0.00	50.17 0.20 0.00	53.68 0.79 0.00	59.08 2.27 0.00	61.49 2.20 0.00	70.45 1.99 0.00	80.25 3.60 0.00	82.00 3.90 0.00	83.36 4.34 0.00	77.61 1.96 0.00	70.52 1.45 0.00	58.01 0.12 0.00	51.29 1.59 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	43.45 -0.48 0.00	40.04 1.13 0.00	37.77 1.28 0.00	35.05 0.28 0.00	34.69 0.17 0.00	33.69 0.10 0.00	34.23 0.10 0.00	36.10 1.12 0.00	39.10 1.40 0.00	43.44 0.77 0.00	47.09 1.01 0.00	49.44 1.34 0.00	52.32 2.35 0.00	55.95 3.07 0.00	61.47 4.66 0.00	64.28 4.98 0.00	74.01 5.54 0.00	84.47 7.82 0.00	86.61 8.51 0.00	88.02 9.00 0.00	81.71 6.05 0.00	74.04 4.98 0.00	60.90 3.01 0.00	52.98 3.28 0.00
ARTHUR KILL_GT_1 23520	47.23 3.30 0.00	41.95 3.04 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.54 1.95 0.00	36.25 2.12 0.00	36.63 1.64 0.00	39.81 2.11 0.00	44.60 1.92 0.00	48.02 1.94 0.00	49.73 1.64 0.00	51.42 1.45 0.00	51.96 1.53 2.46	52.18 1.48 6.10	53.90 1.42 6.82	60.52 1.78 9.73	64.41 2.45 14.69	60.48 2.34 19.96	55.03 1.98 25.96	54.36 1.13 22.42	54.61 0.69 15.14	52.80 1.04 6.13	51.49 1.79 0.00
ARTHUR_KILL_2 23512	47.06 3.12 0.00	41.71 2.80 0.00	38.86 2.37 0.00	36.89 2.12 0.00	36.51 2.00 0.00	35.44 1.85 0.00	36.11 1.98 0.00	36.49 1.50 0.00	39.66 1.96 0.00	44.42 1.75 0.01	47.83 1.75 0.00	49.58 1.49 0.01	51.21 1.25 0.01	51.69 1.27 2.46	51.72 1.02 6.11	53.60 1.12 6.82	60.24 1.50 9.73	64.03 2.07 14.69	60.09 1.95 19.96	54.63 1.58 25.96	53.98 0.76 22.42	54.34 0.42 15.14	52.56 0.81 6.14	51.24 1.54 0.00
ARTHUR_KILL_3 23513	46.57 2.64 0.00	41.32 2.41 0.00	38.60 2.12 0.00	36.68 1.91 0.00	36.38 1.86 0.00	35.47 1.88 0.00	36.32 2.19 0.00	36.91 1.92 0.00	40.11 2.41 0.00	44.94 2.26 0.00	48.20 2.12 0.00	50.16 2.07 0.00	51.92 1.95 0.00	52.33 1.90 2.46	52.29 1.59 6.10	53.85 1.36 6.81	60.46 1.71 9.72	64.26 2.30 14.68	60.41 2.27 19.95	54.95 1.89 25.95	54.29 1.06 22.42	54.55 0.62 15.14	53.21 1.45 6.13	51.39 1.69 0.00

ARTHUR_KILL_COGEN 323718	47.23 3.30 0.00	41.87 2.96 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.54 1.95 0.00	36.25 2.12 0.00	36.59 1.61 0.00	39.81 2.11 0.00	44.59 1.92 0.01	48.01 1.93 0.00	49.72 1.64 0.01	51.41 1.45 0.01	51.96 1.53 2.46	51.94 1.25 6.11	53.90 1.42 6.82	60.59 1.85 9.73	64.41 2.45 14.69	60.56 2.42 19.96	55.03 1.98 25.96	54.36 1.14 22.42	54.61 0.69 15.14	52.85 1.10 6.14	51.49 1.79 0.00
ASHOKAN____ 23654	46.13 2.20 0.00	40.97 2.06 0.00	38.42 1.93 0.00	36.51 1.74 0.00	36.27 1.76 0.00	35.14 1.55 0.00	35.40 1.26 0.00	35.72 0.74 0.00	38.30 0.60 0.00	42.80 0.13 0.00	45.99 -0.09 0.00	47.95 -0.14 0.00	51.46 1.55 0.06	53.52 1.69 1.06	56.29 1.42 1.94	58.33 1.60 2.57	65.90 2.33 4.90	72.80 3.22 7.07	74.61 4.06 7.55	76.07 4.82 7.76	72.72 3.86 6.78	72.08 3.04 0.02	60.42 2.54 0.02	51.99 2.53 0.24
ASTORIA_EAST_ENERGY_CC1 323581	47.15 3.21 -0.01	41.87 2.96 -0.01	39.13 2.63 -0.01	37.15 2.37 -0.01	36.80 2.28 -0.01	35.81 2.22 0.00	36.49 2.35 0.00	36.84 1.85 0.00	39.96 2.26 0.00	44.67 2.01 0.01	48.10 2.03 0.00	49.87 1.78 0.01	51.81 1.85 0.01	54.89 2.01 0.01	58.93 1.76 -0.36	61.25 1.66 -0.29	70.97 2.05 -0.45	79.50 2.68 -0.17	80.75 2.66 0.01	81.30 2.29 0.01	77.08 1.43 0.01	70.02 0.97 0.01	59.56 1.68 0.01	51.84 2.14 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	47.15 3.21 -0.01	41.87 2.96 -0.01	39.13 2.63 -0.01	37.15 2.37 -0.01	36.80 2.28 -0.01	35.81 2.22 0.00	36.49 2.35 0.00	36.84 1.85 0.00	39.96 2.26 0.00	44.67 2.01 0.01	48.10 2.03 0.00	49.87 1.78 0.01	51.81 1.85 0.01	54.89 2.01 0.01	58.93 1.76 -0.36	61.25 1.66 -0.29	70.97 2.05 -0.45	79.50 2.68 -0.17	80.75 2.66 0.01	81.30 2.29 0.01	77.08 1.43 0.01	70.02 0.97 0.01	59.56 1.68 0.01	51.84 2.14 -0.01
ASTORIA_GT2_1 24094	47.20 3.25 -0.01	41.99 3.07 -0.01	39.12 2.63 -0.01	37.18 2.40 -0.01	36.83 2.31 -0.01	35.81 2.22 0.00	36.52 2.39 0.00	36.87 1.89 0.00	40.04 2.34 0.00	44.68 2.01 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.87 1.90 0.00	54.90 2.01 0.00	59.17 1.99 -0.37	61.31 1.72 -0.29	71.04 2.12 -0.45	79.57 2.76 -0.17	80.82 2.73 0.01	81.38 2.37 0.01	77.08 1.44 0.01	70.09 1.04 0.01	59.57 1.68 0.00	51.89 2.19 -0.01
ASTORIA_GT2_2 24095	47.20 3.25 -0.01	41.99 3.07 -0.01	39.12 2.63 -0.01	37.18 2.40 -0.01	36.83 2.31 -0.01	35.81 2.22 0.00	36.52 2.39 0.00	36.87 1.89 0.00	40.04 2.34 0.00	44.68 2.01 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.87 1.90 0.00	54.90 2.01 0.00	59.17 1.99 -0.37	61.31 1.72 -0.29	71.04 2.12 -0.45	79.57 2.76 -0.17	80.82 2.73 0.01	81.38 2.37 0.01	77.08 1.44 0.01	70.09 1.04 0.01	59.57 1.68 0.00	51.89 2.19 -0.01
ASTORIA_GT2_3 24096	47.20 3.25 -0.01	41.99 3.07 -0.01	39.12 2.63 -0.01	37.18 2.40 -0.01	36.83 2.31 -0.01	35.81 2.22 0.00	36.52 2.39 0.00	36.87 1.89 0.00	40.04 2.34 0.00	44.68 2.01 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.87 1.90 0.00	54.90 2.01 0.00	59.17 1.99 -0.37	61.31 1.72 -0.29	71.04 2.12 -0.45	79.57 2.76 -0.17	80.82 2.73 0.01	81.38 2.37 0.01	77.08 1.44 0.01	70.09 1.04 0.01	59.57 1.68 0.00	51.89 2.19 -0.01
ASTORIA_GT2_4 24097	47.20 3.25 -0.01	41.99 3.07 -0.01	39.12 2.63 -0.01	37.18 2.40 -0.01	36.83 2.31 -0.01	35.81 2.22 0.00	36.52 2.39 0.00	36.87 1.89 0.00	40.04 2.34 0.00	44.68 2.01 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.87 1.90 0.00	54.90 2.01 0.00	59.17 1.99 -0.37	61.31 1.72 -0.29	71.04 2.12 -0.45	79.57 2.76 -0.17	80.82 2.73 0.01	81.38 2.37 0.01	77.08 1.44 0.01	70.09 1.04 0.01	59.57 1.68 0.00	51.89 2.19 -0.01
ASTORIA_GT3_1 24098	47.20 3.25 -0.01	41.99 3.07 -0.01	39.12 2.63 -0.01	37.18 2.40 -0.01	36.83 2.31 -0.01	35.81 2.22 0.00	36.52 2.39 0.00	36.87 1.89 0.00	40.04 2.34 0.00	44.68 2.01 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.87 1.90 0.00	54.90 2.01 0.00	59.17 1.99 -0.37	61.31 1.72 -0.29	71.04 2.12 -0.45	79.57 2.76 -0.17	80.82 2.73 0.01	81.38 2.37 0.01	77.08 1.44 0.01	70.09 1.04 0.01	59.57 1.68 0.00	51.89 2.19 -0.01
ASTORIA_GT3_2 24099	47.20 3.25 -0.01	41.99 3.07 -0.01	39.12 2.63 -0.01	37.18 2.40 -0.01	36.83 2.31 -0.01	35.81 2.22 0.00	36.52 2.39 0.00	36.87 1.89 0.00	40.04 2.34 0.00	44.68 2.01 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.87 1.90 0.00	54.90 2.01 0.00	59.17 1.99 -0.37	61.31 1.72 -0.29	71.04 2.12 -0.45	79.57 2.76 -0.17	80.82 2.73 0.01	81.38 2.37 0.01	77.08 1.44 0.01	70.09 1.04 0.01	59.57 1.68 0.00	51.89 2.19 -0.01
ASTORIA_GT3_3 24100	47.20 3.25 -0.01	41.99 3.07 -0.01	39.12 2.63 -0.01	37.18 2.40 -0.01	36.83 2.31 -0.01	35.81 2.22 0.00	36.52 2.39 0.00	36.87 1.89 0.00	40.04 2.34 0.00	44.68 2.01 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.87 1.90 0.00	54.90 2.01 0.00	59.17 1.99 -0.37	61.31 1.72 -0.29	71.04 2.12 -0.45	79.57 2.76 -0.17	80.82 2.73 0.01	81.38 2.37 0.01	77.08 1.44 0.01	70.09 1.04 0.01	59.57 1.68 0.00	51.89 2.19 -0.01
ASTORIA_GT3_4 24101	47.20 3.25 -0.01	41.99 3.07 -0.01	39.12 2.63 -0.01	37.18 2.40 -0.01	36.83 2.31 -0.01	35.81 2.22 0.00	36.52 2.39 0.00	36.87 1.89 0.00	40.04 2.34 0.00	44.68 2.01 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.87 1.90 0.00	54.90 2.01 0.00	59.17 1.99 -0.37	61.31 1.72 -0.29	71.04 2.12 -0.45	79.57 2.76 -0.17	80.82 2.73 0.01	81.38 2.37 0.01	77.08 1.44 0.01	70.09 1.04 0.01	59.57 1.68 0.00	51.89 2.19 -0.01
ASTORIA_GT4_1 24102	47.20 3.25 -0.01	41.99 3.07 -0.01	39.12 2.63 -0.01	37.18 2.40 -0.01	36.83 2.31 -0.01	35.81 2.22 0.00	36.52 2.39 0.00	36.87 1.89 0.00	40.04 2.34 0.00	44.68 2.01 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.87 1.90 0.00	54.90 2.01 0.00	59.17 1.99 -0.37	61.31 1.72 -0.29	71.04 2.12 -0.45	79.57 2.76 -0.17	80.82 2.73 0.01	81.38 2.37 0.01	77.08 1.44 0.01	70.09 1.04 0.01	59.57 1.68 0.00	51.89 2.19 -0.01
ASTORIA_GT4_2 24103	47.20 3.25 -0.01	41.99 3.07 -0.01	39.12 2.63 -0.01	37.18 2.40 -0.01	36.83 2.31 -0.01	35.81 2.22 0.00	36.52 2.39 0.00	36.87 1.89 0.00	40.04 2.34 0.00	44.68 2.01 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.87 1.90 0.00	54.90 2.01 0.00	59.17 1.99 -0.37	61.31 1.72 -0.29	71.04 2.12 -0.45	79.57 2.76 -0.17	80.82 2.73 0.01	81.38 2.37 0.01	77.08 1.44 0.01	70.09 1.04 0.01	59.57 1.68 0.00	51.89 2.19 -0.01
ASTORIA_GT4_3 24104	47.20 3.25 -0.01	41.99 3.07 -0.01	39.12 2.63 -0.01	37.18 2.40 -0.01	36.83 2.31 -0.01	35.81 2.22 0.00	36.52 2.39 0.00	36.87 1.89 0.00	40.04 2.34 0.00	44.68 2.01 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.87 1.90 0.00	54.90 2.01 0.00	59.17 1.99 -0.37	61.31 1.72 -0.29	71.04 2.12 -0.45	79.57 2.76 -0.17	80.82 2.73 0.01	81.38 2.37 0.01	77.08 1.44 0.01	70.09 1.04 0.01	59.57 1.68 0.00	51.89 2.19 -0.01

ASTORIA_GT4_4 24105	47.20 3.25 -0.01	41.99 3.07 -0.01	39.12 2.63 -0.01	37.18 2.40 -0.01	36.83 2.31 -0.01	35.81 2.22 0.00	36.52 2.39 0.00	36.87 1.89 0.00	40.04 2.34 0.00	44.68 2.01 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.87 1.90 0.00	54.90 2.01 0.00	59.17 1.99 -0.37	61.31 1.72 -0.29	71.04 2.12 -0.45	79.57 2.76 -0.17	80.82 2.73 0.01	81.38 2.37 0.01	77.08 1.44 0.01	70.09 1.04 0.01	59.57 1.68 0.00	51.89 2.19 -0.01
ASTORIA_GT_1 23523	47.28 3.34 -0.01	42.07 3.15 -0.01	39.20 2.70 -0.01	37.25 2.47 -0.01	36.90 2.38 -0.01	35.87 2.28 0.00	36.59 2.46 0.00	36.94 1.96 0.00	40.11 2.41 0.00	44.81 2.13 0.00	48.25 2.17 0.00	50.07 1.97 0.00	51.97 2.00 0.00	55.06 2.17 0.00	59.34 2.16 -0.37	61.43 1.84 -0.29	71.18 2.26 -0.45	79.80 2.99 -0.17	81.06 2.97 0.01	81.61 2.61 0.01	77.31 1.66 0.01	70.30 1.24 0.01	59.69 1.79 0.00	51.99 2.29 -0.01
ASTORIA_GT_10 24110	46.92 2.99 0.00	41.75 2.84 0.00	38.90 2.41 0.00	36.96 2.19 0.00	36.65 2.14 0.00	35.64 2.05 0.00	36.38 2.25 0.00	36.84 1.85 0.00	40.00 2.30 0.00	44.72 2.05 0.00	48.11 2.03 0.00	50.02 1.92 0.00	51.77 1.80 0.00	54.69 1.80 0.00	58.88 1.70 -0.37	60.22 1.30 0.38	60.55 1.64 9.56	60.62 2.22 18.25	60.62 2.19 19.66	60.18 1.82 20.65	60.19 0.98 16.45	60.44 0.55 9.18	59.22 1.33 0.00	51.59 1.89 0.00
ASTORIA_GT_11 24225	46.92 2.99 0.00	41.75 2.84 0.00	38.90 2.41 0.00	36.96 2.19 0.00	36.65 2.14 0.00	35.64 2.05 0.00	36.38 2.25 0.00	36.84 1.85 0.00	40.00 2.30 0.00	44.72 2.05 0.00	48.11 2.03 0.00	50.02 1.92 0.00	51.77 1.80 0.00	54.69 1.80 0.00	58.88 1.70 -0.37	60.22 1.30 0.38	60.55 1.64 9.56	60.62 2.22 18.25	60.62 2.19 19.66	60.18 1.82 20.65	60.19 0.98 16.45	60.44 0.55 9.18	59.22 1.33 0.00	51.59 1.89 0.00
ASTORIA_GT_12 24226	46.92 2.99 0.00	41.75 2.84 0.00	38.90 2.41 0.00	36.96 2.19 0.00	36.65 2.14 0.00	35.64 2.05 0.00	36.38 2.25 0.00	36.84 1.85 0.00	40.00 2.30 0.00	44.72 2.05 0.00	48.11 2.03 0.00	50.02 1.92 0.00	51.77 1.80 0.00	54.69 1.80 0.00	58.88 1.70 -0.37	60.22 1.30 0.38	60.55 1.64 9.56	60.62 2.22 18.25	60.62 2.19 19.66	60.18 1.82 20.65	60.19 0.98 16.45	60.44 0.55 9.18	59.22 1.33 0.00	51.59 1.89 0.00
ASTORIA_GT_13 24227	46.92 2.99 0.00	41.75 2.84 0.00	38.90 2.41 0.00	36.96 2.19 0.00	36.65 2.14 0.00	35.64 2.05 0.00	36.38 2.25 0.00	36.84 1.85 0.00	40.00 2.30 0.00	44.72 2.05 0.00	48.11 2.03 0.00	50.02 1.92 0.00	51.77 1.80 0.00	54.69 1.80 0.00	58.88 1.70 -0.37	60.22 1.30 0.38	60.55 1.64 9.56	60.62 2.22 18.25	60.62 2.19 19.66	60.18 1.82 20.65	60.19 0.98 16.45	60.44 0.55 9.18	59.22 1.33 0.00	51.59 1.89 0.00
ASTORIA_GT_5 24106	47.28 3.34 -0.01	42.07 3.15 -0.01	39.20 2.70 -0.01	37.25 2.47 -0.01	36.90 2.38 -0.01	35.87 2.28 0.00	36.59 2.46 0.00	36.94 1.96 0.00	40.11 2.41 0.00	44.81 2.13 0.00	48.25 2.17 0.00	50.07 1.97 0.00	51.97 2.00 0.00	55.06 2.17 0.00	59.34 2.16 -0.37	61.43 1.84 -0.29	71.18 2.26 -0.45	79.80 2.99 -0.17	81.06 2.97 0.01	81.61 2.61 0.01	77.31 1.66 0.01	70.30 1.24 0.01	59.69 1.79 0.00	51.99 2.29 -0.01
ASTORIA_GT_7 24107	47.28 3.34 -0.01	42.07 3.15 -0.01	39.20 2.70 -0.01	37.25 2.47 -0.01	36.90 2.38 -0.01	35.87 2.28 0.00	36.59 2.46 0.00	36.94 1.96 0.00	40.11 2.41 0.00	44.81 2.13 0.00	48.25 2.17 0.00	50.07 1.97 0.00	51.97 2.00 0.00	55.06 2.17 0.00	59.34 2.16 -0.37	61.43 1.84 -0.29	71.18 2.26 -0.45	79.80 2.99 -0.17	81.06 2.97 0.01	81.61 2.61 0.01	77.31 1.66 0.01	70.30 1.24 0.01	59.69 1.79 0.00	51.99 2.29 -0.01
ASTORIA_GT_8 24108	47.28 3.34 -0.01	42.07 3.15 -0.01	39.20 2.70 -0.01	37.25 2.47 -0.01	36.90 2.38 -0.01	35.87 2.28 0.00	36.59 2.46 0.00	36.94 1.96 0.00	40.11 2.41 0.00	44.81 2.13 0.00	48.25 2.17 0.00	50.07 1.97 0.00	51.97 2.00 0.00	55.06 2.17 0.00	59.34 2.16 -0.37	61.43 1.84 -0.29	71.18 2.26 -0.45	79.80 2.99 -0.17	81.06 2.97 0.01	81.61 2.61 0.01	77.31 1.66 0.01	70.30 1.24 0.01	59.69 1.79 0.00	51.99 2.29 -0.01
ASTORIA___2 24149	47.20 3.25 -0.01	41.92 3.00 -0.01	39.13 2.63 -0.01	37.18 2.40 -0.01	36.83 2.31 -0.01	35.81 2.22 0.00	36.49 2.35 0.00	36.84 1.85 0.00	40.00 2.30 0.00	44.67 2.01 0.01	48.16 2.08 0.00	49.87 1.78 0.01	51.86 1.90 0.01	54.89 2.01 0.01	58.93 1.76 -0.36	61.31 1.72 -0.29	71.04 2.12 -0.45	79.57 2.76 -0.17	80.82 2.73 0.01	81.38 2.37 0.01	77.16 1.51 0.01	70.10 1.04 0.01	59.56 1.68 0.01	51.84 2.14 -0.01
ASTORIA___3 23516	46.93 2.99 0.00	41.67 2.76 0.00	38.90 2.41 0.00	37.00 2.23 0.00	36.62 2.11 0.00	35.64 2.05 0.00	36.38 2.25 0.00	36.80 1.82 0.00	39.96 2.26 0.00	44.72 2.05 0.01	48.10 2.03 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.68 1.80 0.01	58.64 1.47 -0.36	60.22 1.30 0.38	60.55 1.64 9.56	60.62 2.22 18.25	60.62 2.18 19.66	60.18 1.82 20.65	60.18 0.98 16.45	60.44 0.55 9.18	59.22 1.33 0.01	51.54 1.84 0.00
ASTORIA___4 23517	46.92 2.99 0.00	41.75 2.84 0.00	38.90 2.41 0.00	36.96 2.19 0.00	36.62 2.11 0.00	35.64 2.05 0.00	36.38 2.25 0.00	36.84 1.85 0.00	40.00 2.30 0.00	44.72 2.05 0.00	48.11 2.03 0.00	50.02 1.92 0.00	51.77 1.80 0.00	54.69 1.80 0.00	58.88 1.70 -0.37	60.22 1.30 0.38	60.55 1.64 9.56	60.62 2.22 18.25	60.62 2.19 19.66	60.18 1.82 20.65	60.19 0.98 16.45	60.44 0.55 9.18	59.22 1.33 0.00	51.59 1.89 0.00
ASTORIA___5 23518	46.93 2.99 0.00	41.67 2.76 0.00	38.90 2.41 0.00	37.00 2.23 0.00	36.62 2.11 0.00	35.64 2.05 0.00	36.38 2.25 0.00	36.80 1.82 0.00	39.96 2.26 0.00	44.72 2.05 0.01	48.10 2.03 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.68 1.80 0.01	58.64 1.47 -0.36	60.22 1.30 0.38	60.55 1.64 9.56	60.62 2.22 18.25	60.62 2.18 19.66	60.18 1.82 20.65	60.18 0.98 16.45	60.44 0.55 9.18	59.22 1.33 0.01	51.54 1.84 0.00
AST_ENERGY_2_CC3 323677	37.78 2.77 8.93	37.33 2.53 4.11	37.33 2.23 1.39	36.79 2.02 0.00	36.48 1.97 0.00	35.57 1.98 0.00	36.42 2.29 0.00	37.01 2.03 0.00	37.33 2.45 2.82	37.33 2.30 7.65	38.96 2.21 9.33	38.96 2.21 11.35	38.96 2.10 13.11	38.96 2.12 16.05	38.96 1.87 19.72	38.96 1.72 22.06	44.26 2.12 26.33	48.05 2.68 31.28	44.11 2.66 36.65	38.96 2.29 42.35	38.96 1.43 38.12	39.15 0.97 30.88	38.96 1.74 20.67	38.96 1.84 12.58
AST_ENERGY_2_CC4 323678	37.78 2.77 8.93	37.33 2.53 4.11	37.33 2.23 1.39	36.79 2.02 0.00	36.48 1.97 0.00	35.57 1.98 0.00	36.42 2.29 0.00	37.01 2.03 0.00	37.33 2.45 2.82	37.33 2.30 7.65	38.96 2.21 9.33	38.96 2.21 11.35	38.96 2.10 13.11	38.96 2.12 16.05	38.96 1.87 19.72	38.96 1.72 22.06	44.26 2.12 26.33	48.05 2.68 31.28	44.11 2.66 36.65	38.96 2.29 42.35	38.96 1.43 38.12	39.15 0.97 30.88	38.96 1.74 20.67	38.96 1.84 12.58

ATHENS_STG_1 23668	44.90 0.97 0.00	39.88 0.97 0.00	37.36 0.87 0.00	35.74 0.97 0.00	35.45 0.93 0.00	34.53 0.94 0.00	35.16 1.02 0.00	35.86 0.87 0.00	38.49 0.79 0.00	43.19 0.51 0.00	46.49 0.41 0.00	48.53 0.43 0.00	50.37 0.40 0.00	53.21 0.32 0.00	57.02 0.06 -0.15	59.42 0.00 -0.12	68.72 0.07 -0.19	76.95 0.23 -0.07	78.57 0.47 0.00	79.33 0.32 0.00	75.42 -0.23 0.00	68.79 -0.28 0.00	58.12 0.23 0.00	49.90 0.20 0.00
ATHENS_STG_2 23670	44.90 0.97 0.00	39.88 0.97 0.00	37.36 0.87 0.00	35.74 0.97 0.00	35.45 0.93 0.00	34.53 0.94 0.00	35.16 1.02 0.00	35.86 0.87 0.00	38.49 0.79 0.00	43.19 0.51 0.00	46.49 0.41 0.00	48.53 0.43 0.00	50.37 0.40 0.00	53.21 0.32 0.00	57.02 0.06 -0.15	59.42 0.00 -0.12	68.72 0.07 -0.19	76.95 0.23 -0.07	78.57 0.47 0.00	79.33 0.32 0.00	75.42 -0.23 0.00	68.79 -0.28 0.00	58.12 0.23 0.00	49.90 0.20 0.00
ATHENS_STG_3 23677	44.90 0.97 0.00	39.88 0.97 0.00	37.36 0.87 0.00	35.74 0.97 0.00	35.45 0.93 0.00	34.53 0.94 0.00	35.16 1.02 0.00	35.86 0.87 0.00	38.49 0.79 0.00	43.19 0.51 0.00	46.49 0.41 0.00	48.53 0.43 0.00	50.37 0.40 0.00	53.21 0.32 0.00	57.02 0.06 -0.15	59.42 0.00 -0.12	68.72 0.07 -0.19	76.95 0.23 -0.07	78.57 0.47 0.00	79.33 0.32 0.00	75.42 -0.23 0.00	68.79 -0.28 0.00	58.12 0.23 0.00	49.90 0.20 0.00
AUBURN___LFGE 323710	44.24 0.31 0.00	39.49 0.58 0.00	37.07 0.58 0.00	35.12 0.35 0.00	34.82 0.31 0.00	33.86 0.27 0.00	34.37 0.24 0.00	35.44 0.45 0.00	38.23 0.53 0.00	43.06 0.38 0.00	46.54 0.46 0.00	48.62 0.53 0.00	50.62 0.65 0.00	53.84 0.95 0.00	58.00 1.19 0.00	60.66 1.36 0.00	69.97 1.51 0.00	79.10 2.45 0.00	81.14 3.05 0.00	82.33 3.32 0.00	78.00 2.35 0.00	71.00 1.93 0.00	59.16 1.27 0.00	50.79 1.09 0.00
BABYLON_RES_REC 323704	47.49 3.56 0.00	42.26 3.35 0.00	39.37 2.88 0.00	37.10 2.33 0.00	36.89 2.38 0.00	36.01 2.42 0.00	36.62 2.49 0.00	37.01 2.03 0.00	40.60 2.90 0.00	45.92 3.24 0.00	48.01 1.93 0.00	48.96 0.87 0.00	49.49 0.70 1.18	50.60 0.64 2.93	52.79 0.34 4.36	57.93 0.30 1.67	68.45 0.21 0.22	66.56 0.69 10.77	64.83 0.62 13.90	60.39 0.48 19.10	56.98 -0.15 18.52	54.72 -0.41 13.93	50.76 0.29 7.42	49.36 0.84 1.18
BALL_HILL_WT_PWR 323825	43.36 -0.57 0.00	39.96 1.05 0.00	37.58 1.09 0.00	34.95 0.17 0.00	34.51 0.00 0.00	33.52 -0.07 0.00	34.03 -0.10 0.00	35.86 0.87 0.00	38.83 1.13 0.00	43.10 0.43 0.00	46.68 0.60 0.00	49.01 0.91 0.00	51.67 1.70 0.00	55.27 2.38 0.00	60.72 3.92 0.00	63.39 4.09 0.00	72.78 4.32 0.00	83.00 6.36 0.00	84.97 6.87 0.00	86.36 7.35 0.00	80.34 4.69 0.00	72.86 3.80 0.00	59.92 2.03 0.00	52.23 2.53 0.00
BARON_WINDS___WT_PWR 323822	43.76 -0.18 0.00	39.81 0.90 0.00	37.36 0.87 0.00	35.02 0.25 0.00	34.62 0.10 0.00	33.69 0.10 0.00	34.23 0.10 0.00	35.68 0.70 0.00	38.49 0.79 0.00	42.93 0.26 0.00	46.31 0.23 0.00	48.43 0.34 0.00	50.67 0.70 0.00	54.10 1.22 0.00	59.08 2.27 0.00	61.61 2.31 0.00	70.93 2.46 0.00	80.71 4.06 0.00	83.02 4.92 0.00	84.63 5.61 0.00	79.51 3.86 0.00	72.18 3.11 0.00	59.69 1.80 0.00	51.69 1.99 0.00
BARRETT_IC_1 23704	47.23 3.30 0.00	41.98 3.07 0.00	39.15 2.66 0.00	36.96 2.19 0.00	36.76 2.24 0.00	35.84 2.25 0.00	36.52 2.39 0.00	36.94 1.96 0.00	40.42 2.72 0.00	45.66 2.99 0.00	47.97 1.89 0.00	49.44 1.34 0.00	51.16 1.25 0.06	53.91 1.16 0.14	57.81 0.85 -0.15	60.23 0.71 -0.21	69.94 1.03 -0.45	77.79 1.45 0.31	78.88 1.41 0.63	79.18 1.02 0.86	75.04 0.23 0.83	68.37 -0.07 0.63	58.36 0.81 0.34	50.48 0.84 0.06
BARRETT_IC_10 23701	47.23 3.30 0.00	41.98 3.07 0.00	39.15 2.66 0.00	36.96 2.19 0.00	36.76 2.24 0.00	35.84 2.25 0.00	36.52 2.39 0.00	36.94 1.96 0.00	40.42 2.72 0.00	45.66 2.99 0.00	47.97 1.89 0.00	49.44 1.34 0.00	51.16 1.25 0.06	53.91 1.16 0.14	57.81 0.85 -0.15	60.23 0.71 -0.21	69.94 1.03 -0.45	77.79 1.45 0.31	78.88 1.41 0.63	79.18 1.02 0.86	75.04 0.23 0.83	68.37 -0.07 0.63	58.36 0.81 0.34	50.48 0.84 0.06
BARRETT_IC_11 23702	47.23 3.30 0.00	41.98 3.07 0.00	39.15 2.66 0.00	36.96 2.19 0.00	36.76 2.24 0.00	35.84 2.25 0.00	36.52 2.39 0.00	36.94 1.96 0.00	40.42 2.72 0.00	45.66 2.99 0.00	47.97 1.89 0.00	49.44 1.34 0.00	51.16 1.25 0.06	53.91 1.16 0.14	57.81 0.85 -0.15	60.23 0.71 -0.21	69.94 1.03 -0.45	77.79 1.45 0.31	78.88 1.41 0.63	79.18 1.02 0.86	75.04 0.23 0.83	68.37 -0.07 0.63	58.36 0.81 0.34	50.48 0.84 0.06
BARRETT_IC_12 23703	47.23 3.30 0.00	41.98 3.07 0.00	39.15 2.66 0.00	36.96 2.19 0.00	36.76 2.24 0.00	35.84 2.25 0.00	36.52 2.39 0.00	36.94 1.96 0.00	40.42 2.72 0.00	45.66 2.99 0.00	47.97 1.89 0.00	49.44 1.34 0.00	51.16 1.25 0.06	53.91 1.16 0.14	57.81 0.85 -0.15	60.23 0.71 -0.21	69.94 1.03 -0.45	77.79 1.45 0.31	78.88 1.41 0.63	79.18 1.02 0.86	75.04 0.23 0.83	68.37 -0.07 0.63	58.36 0.81 0.34	50.48 0.84 0.06
BARRETT_IC_2 23705	47.23 3.30 0.00	41.98 3.07 0.00	39.15 2.66 0.00	36.96 2.19 0.00	36.76 2.24 0.00	35.84 2.25 0.00	36.52 2.39 0.00	36.94 1.96 0.00	40.42 2.72 0.00	45.66 2.99 0.00	47.97 1.89 0.00	49.44 1.34 0.00	51.16 1.25 0.06	53.91 1.16 0.14	57.81 0.85 -0.15	60.23 0.71 -0.21	69.94 1.03 -0.45	77.79 1.45 0.31	78.88 1.41 0.63	79.18 1.02 0.86	75.04 0.23 0.83	68.37 -0.07 0.63	58.36 0.81 0.34	50.48 0.84 0.06
BARRETT_IC_3 23706	47.23 3.30 0.00	41.98 3.07 0.00	39.15 2.66 0.00	36.96 2.19 0.00	36.76 2.24 0.00	35.84 2.25 0.00	36.52 2.39 0.00	36.94 1.96 0.00	40.42 2.72 0.00	45.66 2.99 0.00	47.97 1.89 0.00	49.44 1.34 0.00	51.16 1.25 0.06	53.91 1.16 0.14	57.81 0.85 -0.15	60.23 0.71 -0.21	69.94 1.03 -0.45	77.79 1.45 0.31	78.88 1.41 0.63	79.18 1.02 0.86	75.04 0.23 0.83	68.37 -0.07 0.63	58.36 0.81 0.34	50.48 0.84 0.06
BARRETT_IC_4 23707	47.23 3.30 0.00	41.98 3.07 0.00	39.15 2.66 0.00	36.96 2.19 0.00	36.76 2.24 0.00	35.84 2.25 0.00	36.52 2.39 0.00	36.94 1.96 0.00	40.42 2.72 0.00	45.66 2.99 0.00	47.97 1.89 0.00	49.44 1.34 0.00	51.16 1.25 0.06	53.91 1.16 0.14	57.81 0.85 -0.15	60.23 0.71 -0.21	69.94 1.03 -0.45	77.79 1.45 0.31	78.88 1.41 0.63	79.18 1.02 0.86	75.04 0.23 0.83	68.37 -0.07 0.63	58.36 0.81 0.34	50.48 0.84 0.06
BARRETT_IC_5 23708	47.23 3.30 0.00	41.98 3.07 0.00	39.15 2.66 0.00	36.96 2.19 0.00	36.76 2.24 0.00	35.84 2.25 0.00	36.52 2.39 0.00	36.94 1.96 0.00	40.42 2.72 0.00	45.66 2.99 0.00	47.97 1.89 0.00	49.44 1.34 0.00	51.16 1.25 0.06	53.91 1.16 0.14	57.81 0.85 -0.15	60.23 0.71 -0.21	69.94 1.03 -0.45	77.79 1.45 0.31	78.88 1.41 0.63	79.18 1.02 0.86	75.04 0.23 0.83	68.37 -0.07 0.63	58.36 0.81 0.34	50.48 0.84 0.06

BARRETT_IC_6 23709	47.23 3.30 0.00	41.98 3.07 0.00	39.15 2.66 0.00	36.96 2.19 0.00	36.76 2.24 0.00	35.84 2.25 0.00	36.52 2.39 0.00	36.94 1.96 0.00	40.42 2.72 0.00	45.66 2.99 0.00	47.97 1.89 0.00	49.44 1.34 0.00	51.16 1.25 0.06	53.91 1.16 0.14	57.81 0.85 -0.15	60.23 0.71 -0.21	69.94 1.03 -0.45	77.79 1.45 0.31	78.88 1.41 0.63	79.18 1.02 0.86	75.04 0.23 0.83	68.37 -0.07 0.63	58.36 0.81 0.34	50.48 0.84 0.06
BARRETT_IC_7 23710	47.23 3.30 0.00	42.02 3.11 0.00	39.15 2.66 0.00	36.96 2.19 0.00	36.76 2.24 0.00	35.84 2.25 0.00	36.52 2.39 0.00	37.05 2.06 0.00	40.41 2.71 0.00	45.66 2.99 0.00	48.11 2.03 0.00	49.73 1.64 0.00	51.16 1.25 0.06	53.97 1.22 0.14	58.04 1.08 -0.15	60.22 0.71 -0.21	69.94 1.03 -0.45	77.80 1.46 0.31	78.88 1.41 0.63	79.18 1.03 0.86	75.04 0.23 0.83	68.37 -0.07 0.63	58.30 0.75 0.34	50.48 0.84 0.06
BARRETT_IC_8 23711	47.23 3.30 0.00	41.98 3.07 0.00	39.15 2.66 0.00	36.96 2.19 0.00	36.76 2.24 0.00	35.84 2.25 0.00	36.52 2.39 0.00	36.94 1.96 0.00	40.42 2.72 0.00	45.66 2.99 0.00	47.97 1.89 0.00	49.44 1.34 0.00	51.16 1.25 0.06	53.91 1.16 0.14	57.81 0.85 -0.15	60.23 0.71 -0.21	69.94 1.03 -0.45	77.79 1.45 0.31	78.88 1.41 0.63	79.18 1.02 0.86	75.04 0.23 0.83	68.37 -0.07 0.63	58.36 0.81 0.34	50.48 0.84 0.06
BARRETT_IC_9 23700	47.23 3.30 0.00	41.98 3.07 0.00	39.15 2.66 0.00	36.96 2.19 0.00	36.76 2.24 0.00	35.84 2.25 0.00	36.52 2.39 0.00	36.94 1.96 0.00	40.42 2.72 0.00	45.66 2.99 0.00	47.97 1.89 0.00	49.44 1.34 0.00	51.16 1.25 0.06	53.91 1.16 0.14	57.81 0.85 -0.15	60.23 0.71 -0.21	69.94 1.03 -0.45	77.79 1.45 0.31	78.88 1.41 0.63	79.18 1.02 0.86	75.04 0.23 0.83	68.37 -0.07 0.63	58.36 0.81 0.34	50.48 0.84 0.06
BARRETT___1 23545	47.23 3.30 0.00	41.98 3.07 0.00	39.15 2.66 0.00	36.96 2.19 0.00	36.76 2.24 0.00	35.84 2.25 0.00	36.52 2.39 0.00	36.94 1.96 0.00	40.42 2.72 0.00	45.66 2.99 0.00	47.97 1.89 0.00	49.44 1.34 0.00	51.16 1.25 0.06	53.91 1.16 0.14	57.81 0.85 -0.15	60.23 0.71 -0.21	69.94 1.03 -0.45	77.79 1.45 0.31	78.88 1.41 0.63	79.18 1.02 0.86	75.04 0.23 0.83	68.37 -0.07 0.63	58.36 0.81 0.34	50.48 0.84 0.06
BARRETT___2 23546	47.23 3.30 0.00	41.98 3.07 0.00	39.15 2.66 0.00	36.96 2.19 0.00	36.76 2.24 0.00	35.84 2.25 0.00	36.52 2.39 0.00	36.94 1.96 0.00	40.42 2.72 0.00	45.66 2.99 0.00	47.97 1.89 0.00	49.44 1.34 0.00	51.16 1.25 0.06	53.91 1.16 0.14	57.81 0.85 -0.15	60.23 0.71 -0.21	69.94 1.03 -0.45	77.79 1.45 0.31	78.88 1.41 0.63	79.18 1.02 0.86	75.04 0.23 0.83	68.37 -0.07 0.63	58.36 0.81 0.34	50.48 0.84 0.06
BATAVIA__115KV_TB1 55881	44.33 0.40 0.00	40.47 1.56 0.00	38.31 1.82 0.00	35.64 0.87 0.00	35.00 0.48 0.00	34.16 0.57 0.00	34.58 0.44 0.00	36.31 1.33 0.00	38.98 1.28 0.00	43.36 0.68 0.00	46.82 0.74 0.00	49.20 1.11 0.00	51.82 1.85 0.00	55.37 2.49 0.00	60.22 3.41 0.00	63.45 4.15 0.00	72.92 4.45 0.00	83.31 6.67 0.00	85.36 7.26 0.00	87.07 8.06 0.00	81.40 5.75 0.00	73.83 4.77 0.00	60.90 3.01 0.00	52.98 3.28 0.00
BAYONEEC___CTG1 323682	46.75 2.81 0.00	41.52 2.61 0.00	38.75 2.26 0.00	36.82 2.05 0.00	36.51 2.00 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.05 2.06 0.00	40.23 2.53 0.00	45.11 2.43 0.00	48.38 2.30 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.11 2.22 0.00	59.05 1.87 -0.37	61.32 1.72 -0.30	62.83 2.12 7.76	66.62 2.76 12.79	62.68 2.73 18.15	60.74 2.37 20.64	60.65 1.43 16.44	70.10 1.04 0.00	59.69 1.80 0.00	51.64 1.94 0.00
BAYONEEC___CTG10 323750	46.75 2.81 0.00	41.52 2.61 0.00	38.75 2.26 0.00	36.82 2.05 0.00	36.51 2.00 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.05 2.06 0.00	40.23 2.53 0.00	45.11 2.43 0.00	48.38 2.30 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.11 2.22 0.00	59.05 1.87 -0.37	61.32 1.72 -0.30	62.83 2.12 7.76	66.62 2.76 12.79	62.68 2.73 18.15	60.74 2.37 20.64	60.65 1.43 16.44	70.10 1.04 0.00	59.69 1.80 0.00	51.64 1.94 0.00
BAYONEEC___CTG2 323683	46.75 2.81 0.00	41.52 2.61 0.00	38.75 2.26 0.00	36.82 2.05 0.00	36.51 2.00 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.05 2.06 0.00	40.23 2.53 0.00	45.11 2.43 0.00	48.38 2.30 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.11 2.22 0.00	59.05 1.87 -0.37	61.32 1.72 -0.30	62.83 2.12 7.76	66.62 2.76 12.79	62.68 2.73 18.15	60.74 2.37 20.64	60.65 1.43 16.44	70.10 1.04 0.00	59.69 1.80 0.00	51.64 1.94 0.00
BAYONEEC___CTG3 323684	46.75 2.81 0.00	41.52 2.61 0.00	38.75 2.26 0.00	36.82 2.05 0.00	36.51 2.00 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.05 2.06 0.00	40.23 2.53 0.00	45.11 2.43 0.00	48.38 2.30 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.11 2.22 0.00	59.05 1.87 -0.37	61.32 1.72 -0.30	62.83 2.12 7.76	66.62 2.76 12.79	62.68 2.73 18.15	60.74 2.37 20.64	60.65 1.43 16.44	70.10 1.04 0.00	59.69 1.80 0.00	51.64 1.94 0.00
BAYONEEC___CTG4 323685	46.75 2.81 0.00	41.52 2.61 0.00	38.75 2.26 0.00	36.82 2.05 0.00	36.51 2.00 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.05 2.06 0.00	40.23 2.53 0.00	45.11 2.43 0.00	48.38 2.30 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.11 2.22 0.00	59.05 1.87 -0.37	61.32 1.72 -0.30	62.83 2.12 7.76	66.62 2.76 12.79	62.68 2.73 18.15	60.74 2.37 20.64	60.65 1.43 16.44	70.10 1.04 0.00	59.69 1.80 0.00	51.64 1.94 0.00
BAYONEEC___CTG5 323686	46.75 2.81 0.00	41.52 2.61 0.00	38.75 2.26 0.00	36.82 2.05 0.00	36.51 2.00 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.05 2.06 0.00	40.23 2.53 0.00	45.11 2.43 0.00	48.38 2.30 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.11 2.22 0.00	59.05 1.87 -0.37	61.32 1.72 -0.30	62.83 2.12 7.76	66.62 2.76 12.79	62.68 2.73 18.15	60.74 2.37 20.64	60.65 1.43 16.44	70.10 1.04 0.00	59.69 1.80 0.00	51.64 1.94 0.00
BAYONEEC___CTG6 323687	46.75 2.81 0.00	41.52 2.61 0.00	38.75 2.26 0.00	36.82 2.05 0.00	36.51 2.00 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.05 2.06 0.00	40.23 2.53 0.00	45.11 2.43 0.00	48.38 2.30 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.11 2.22 0.00	59.05 1.87 -0.37	61.32 1.72 -0.30	62.83 2.12 7.76	66.62 2.76 12.79	62.68 2.73 18.15	60.74 2.37 20.64	60.65 1.43 16.44	70.10 1.04 0.00	59.69 1.80 0.00	51.64 1.94 0.00
BAYONEEC___CTG7 323688	46.75 2.81 0.00	41.52 2.61 0.00	38.75 2.26 0.00	36.82 2.05 0.00	36.51 2.00 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.05 2.06 0.00	40.23 2.53 0.00	45.11 2.43 0.00	48.38 2.30 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.11 2.22 0.00	59.05 1.87 -0.37	61.32 1.72 -0.30	62.83 2.12 7.76	66.62 2.76 12.79	62.68 2.73 18.15	60.74 2.37 20.64	60.65 1.43 16.44	70.10 1.04 0.00	59.69 1.80 0.00	51.64 1.94 0.00

BAYONEEC___CTG8 323689	46.75 2.81 0.00	41.52 2.61 0.00	38.75 2.26 0.00	36.82 2.05 0.00	36.51 2.00 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.05 2.06 0.00	40.23 2.53 0.00	45.11 2.43 0.00	48.38 2.30 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.11 2.22 0.00	59.05 1.87 -0.37	61.32 1.72 -0.30	62.83 2.12 7.76	66.62 2.76 12.79	62.68 2.73 18.15	60.74 2.37 20.64	60.65 1.43 16.44	70.10 1.04 0.00	59.69 1.80 0.00	51.64 1.94 0.00
BAYONEEC___CTG9 323749	46.75 2.81 0.00	41.52 2.61 0.00	38.75 2.26 0.00	36.82 2.05 0.00	36.51 2.00 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.05 2.06 0.00	40.23 2.53 0.00	45.11 2.43 0.00	48.38 2.30 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.11 2.22 0.00	59.05 1.87 -0.37	61.32 1.72 -0.30	62.83 2.12 7.76	66.62 2.76 12.79	62.68 2.73 18.15	60.74 2.37 20.64	60.65 1.43 16.44	70.10 1.04 0.00	59.69 1.80 0.00	51.64 1.94 0.00
BEACON___LESR 323632	44.64 0.70 0.00	39.73 0.82 0.00	37.33 0.84 0.00	35.64 0.87 0.00	35.38 0.86 0.00	34.43 0.84 0.00	34.88 0.75 0.00	35.68 0.70 0.00	38.30 0.60 0.00	42.76 0.09 0.00	45.99 -0.09 0.00	48.24 0.14 0.00	50.12 0.15 0.00	52.94 0.05 0.00	56.12 -0.39 0.29	58.53 -0.53 0.23	67.56 -0.55 0.36	76.13 -0.38 0.14	78.41 0.31 0.00	79.17 0.16 0.00	75.35 -0.30 0.00	68.79 -0.28 0.00	58.06 0.17 0.00	49.70 0.00 0.00
BEAVER RIVER___HYD 24048	45.12 1.19 0.00	39.96 1.05 0.00	37.55 1.06 0.00	35.64 0.87 0.00	35.55 1.03 0.00	34.63 1.04 0.00	35.02 0.89 0.00	35.96 0.98 0.00	38.64 0.94 0.00	43.74 1.07 0.00	47.65 1.57 0.00	49.59 1.49 0.00	51.37 1.40 0.00	54.37 1.48 0.00	58.46 1.65 0.00	61.02 1.72 0.00	70.59 2.12 0.00	79.48 2.84 0.00	82.16 4.06 0.00	83.84 4.82 0.00	80.94 5.29 0.00	73.83 4.76 0.00	61.01 3.12 0.00	52.38 2.68 0.00
BEEBEE_GT_13 23619	43.94 0.00 0.00	39.77 0.86 0.00	37.51 1.02 0.00	35.16 0.38 0.00	34.82 0.31 0.00	33.76 0.17 0.00	34.20 0.07 0.00	35.65 0.66 0.00	38.60 0.90 0.00	43.27 0.60 0.00	46.77 0.69 0.00	49.06 0.96 0.00	51.52 1.55 0.00	54.90 2.01 0.00	59.42 2.61 0.00	62.50 3.20 0.00	71.82 3.35 0.00	81.48 4.83 0.00	83.25 5.15 0.00	84.63 5.61 0.00	79.58 3.93 0.00	72.38 3.32 0.00	59.92 2.03 0.00	51.74 2.04 0.00
BENSHRST_27_KV_BENSHRST_1 355998	47.41 3.47 0.00	42.10 3.19 0.00	39.15 2.66 0.00	37.21 2.43 0.00	36.83 2.31 0.00	35.74 2.15 0.00	36.49 2.36 0.00	36.94 1.96 0.00	40.19 2.49 0.00	44.94 2.26 0.00	48.43 2.35 0.00	50.26 2.16 0.00	52.07 2.10 0.00	55.16 2.27 0.00	59.39 2.22 -0.37	61.78 2.19 -0.29	63.44 2.74 7.76	67.30 3.45 12.79	63.30 3.36 18.16	61.37 3.00 20.65	61.32 2.12 16.45	70.65 1.59 0.01	59.69 1.79 0.00	51.99 2.29 0.00
BETHLEHEM___GRP 23843	43.94 0.00 0.00	39.14 0.23 0.00	36.82 0.33 0.00	35.19 0.42 0.00	34.93 0.41 0.00	33.99 0.40 0.00	34.47 0.34 0.00	35.19 0.21 0.00	37.74 0.04 0.00	42.21 -0.47 0.00	45.34 -0.74 0.00	47.42 -0.67 0.00	49.27 -0.70 0.00	51.99 -0.90 0.00	55.34 -1.19 0.27	57.60 -1.48 0.22	66.48 -1.64 0.34	74.83 -1.69 0.13	76.85 -1.25 0.00	77.67 -1.34 0.00	73.91 -1.74 0.00	67.48 -1.59 0.00	56.96 -0.93 0.00	48.86 -0.84 0.00
BETHLEHEM___GS1 323560	43.94 0.00 0.00	39.11 0.20 0.00	36.82 0.33 0.00	35.19 0.42 0.00	34.93 0.42 0.00	33.99 0.40 0.00	34.47 0.34 0.00	35.20 0.21 0.00	37.74 0.04 0.00	42.21 -0.47 0.00	45.34 -0.74 0.00	47.42 -0.67 0.00	49.27 -0.70 0.00	51.99 -0.90 0.00	55.23 -1.30 0.27	57.60 -1.48 0.22	66.48 -1.64 0.34	74.83 -1.69 0.13	76.85 -1.25 0.00	77.67 -1.34 0.00	73.91 -1.74 0.00	67.48 -1.59 0.00	56.96 -0.93 0.00	48.85 -0.85 0.00
BETHLEHEM___GS2 323561	43.94 0.00 0.00	39.11 0.20 0.00	36.82 0.33 0.00	35.19 0.42 0.00	34.93 0.42 0.00	33.99 0.40 0.00	34.47 0.34 0.00	35.20 0.21 0.00	37.74 0.04 0.00	42.21 -0.47 0.00	45.34 -0.74 0.00	47.42 -0.67 0.00	49.27 -0.70 0.00	51.99 -0.90 0.00	55.23 -1.30 0.27	57.60 -1.48 0.22	66.48 -1.64 0.34	74.83 -1.69 0.13	76.85 -1.25 0.00	77.67 -1.34 0.00	73.91 -1.74 0.00	67.48 -1.59 0.00	56.96 -0.93 0.00	48.85 -0.85 0.00
BETHLEHEM___GS3 323562	43.94 0.00 0.00	39.11 0.20 0.00	36.82 0.33 0.00	35.19 0.42 0.00	34.93 0.42 0.00	33.99 0.40 0.00	34.47 0.34 0.00	35.20 0.21 0.00	37.74 0.04 0.00	42.21 -0.47 0.00	45.34 -0.74 0.00	47.42 -0.67 0.00	49.27 -0.70 0.00	51.99 -0.90 0.00	55.23 -1.30 0.27	57.60 -1.48 0.22	66.48 -1.64 0.34	74.83 -1.69 0.13	76.85 -1.25 0.00	77.67 -1.34 0.00	73.91 -1.74 0.00	67.48 -1.59 0.00	56.96 -0.93 0.00	48.85 -0.85 0.00
BETHLEHEM___STEEL 23779	43.23 -0.70 0.00	39.53 0.62 0.00	37.51 1.02 0.00	34.84 0.07 0.00	34.41 -0.10 0.00	33.42 -0.17 0.00	33.93 -0.20 0.00	35.72 0.73 0.00	38.64 0.94 0.00	42.97 0.30 0.00	46.49 0.41 0.00	48.86 0.77 0.00	51.57 1.60 0.00	55.06 2.17 0.00	59.93 3.12 0.00	63.21 3.91 0.00	72.50 4.04 0.00	82.70 6.06 0.00	84.58 6.48 0.00	85.97 6.95 0.00	79.96 4.31 0.00	72.52 3.45 0.00	59.74 1.85 0.00	52.04 2.34 0.00
BETHLHEM_115KV_TB1 79974	44.07 0.13 0.00	39.22 0.31 0.00	36.85 0.36 0.00	35.22 0.45 0.00	35.00 0.48 0.00	34.06 0.47 0.00	34.54 0.41 0.00	35.30 0.31 0.00	37.81 0.11 0.00	42.33 -0.34 0.00	45.48 -0.60 0.00	47.56 -0.53 0.00	49.42 -0.55 0.00	52.20 -0.69 0.00	55.53 -1.02 0.26	57.85 -1.25 0.21	66.78 -1.37 0.32	75.14 -1.38 0.12	77.08 -1.02 0.00	77.91 -1.11 0.00	74.14 -1.51 0.00	67.68 -1.38 0.00	57.14 -0.75 0.00	49.00 -0.70 0.00
BETHPAGE_CC_5 323564	47.23 3.30 0.00	42.06 3.15 0.00	39.23 2.74 0.00	37.00 2.23 0.00	36.76 2.24 0.00	35.87 2.29 0.00	36.52 2.39 0.00	36.91 1.92 0.00	40.45 2.75 0.00	45.71 3.03 0.00	47.92 1.85 0.00	49.39 1.30 0.00	50.08 1.20 1.08	51.36 1.16 2.69	53.75 0.91 3.96	58.62 0.77 1.45	69.41 0.96 0.01	68.28 1.45 9.82	66.75 1.41 12.76	62.50 1.02 17.54	58.95 0.30 17.00	56.29 0.00 12.78	51.71 0.64 6.82	49.36 0.75 1.08
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.23 -0.70 0.00	39.53 0.62 0.00	37.47 0.99 0.00	34.84 0.07 0.00	34.41 -0.10 0.00	33.42 -0.17 0.00	33.93 -0.20 0.00	35.72 0.73 0.00	38.68 0.98 0.00	43.02 0.34 0.00	46.54 0.46 0.00	48.96 0.87 0.00	51.62 1.65 0.00	55.16 2.27 0.00	59.99 3.18 0.00	63.33 4.03 0.00	72.71 4.24 0.00	82.93 6.29 0.00	84.82 6.72 0.00	86.13 7.11 0.00	80.11 4.46 0.00	72.66 3.59 0.00	59.86 1.97 0.00	52.04 2.34 0.00
BINGHAMTON___COGEN 23790	44.38 0.44 0.00	39.73 0.82 0.00	37.33 0.84 0.00	35.36 0.59 0.00	35.07 0.55 0.00	34.13 0.54 0.00	34.68 0.55 0.00	35.75 0.77 0.00	38.53 0.83 0.00	43.27 0.60 0.00	46.72 0.65 0.00	48.86 0.77 0.00	50.92 0.95 0.00	54.05 1.16 0.00	58.23 1.42 0.00	61.02 1.72 0.00	70.31 1.85 0.00	79.41 2.76 0.00	81.30 3.20 0.00	82.41 3.40 0.00	77.84 2.19 0.00	70.86 1.80 0.00	59.11 1.22 0.00	50.84 1.14 0.00

BIXINCNT_115KV_LOAD 355685	42.79 -1.14 0.00	39.03 0.12 0.00	37.26 0.77 0.00	34.63 -0.14 0.00	34.27 -0.24 0.00	33.35 -0.24 0.00	33.93 -0.20 0.00	35.72 0.73 0.00	38.68 0.98 0.00	42.93 0.26 0.00	46.45 0.37 0.00	48.91 0.82 0.00	51.47 1.50 0.00	54.95 2.06 0.00	59.82 3.01 0.00	63.15 3.85 0.00	72.57 4.11 0.00	82.85 6.21 0.00	84.89 6.79 0.00	86.28 7.27 0.00	80.11 4.46 0.00	72.59 3.52 0.00	59.86 1.97 0.00	51.89 2.19 0.00
BLACK RIVER___HYD 24047	46.05 2.11 0.00	40.89 1.98 0.00	38.39 1.90 0.00	36.37 1.60 0.00	36.34 1.83 0.00	35.37 1.78 0.00	35.70 1.57 0.00	36.70 1.71 0.00	39.36 1.66 0.00	44.38 1.71 0.00	48.20 2.12 0.00	50.16 2.07 0.00	52.02 2.05 0.00	55.01 2.12 0.00	59.08 2.27 0.00	61.79 2.49 0.00	71.41 2.94 0.00	80.78 4.14 0.00	83.96 5.86 0.00	85.89 6.87 0.00	82.99 7.34 0.00	75.63 6.56 0.00	62.41 4.52 0.00	53.43 3.73 0.00
BLACKRVR_115KV_TB2 79977	46.05 2.11 0.00	40.86 1.95 0.00	38.39 1.90 0.00	36.37 1.60 0.00	36.34 1.83 0.00	35.37 1.78 0.00	35.70 1.57 0.00	36.70 1.71 0.00	39.36 1.66 0.00	44.38 1.71 0.00	48.20 2.12 0.00	50.16 2.07 0.00	52.02 2.05 0.00	55.00 2.12 0.00	59.02 2.22 0.00	61.79 2.49 0.00	71.41 2.94 0.00	80.79 4.14 0.00	83.96 5.86 0.00	85.89 6.87 0.00	82.99 7.34 0.00	75.63 6.56 0.00	62.41 4.52 0.00	53.43 3.73 0.00
BLDWN_LI_69_KV_BK4 356085	47.54 3.60 0.00	42.30 3.39 0.00	39.37 2.88 0.00	37.17 2.40 0.00	36.96 2.45 0.00	36.04 2.45 0.00	36.69 2.56 0.00	37.22 2.24 0.00	40.64 2.94 0.00	45.92 3.24 0.00	48.48 2.40 0.00	50.11 2.02 0.00	51.06 1.75 0.66	53.05 1.80 1.64	56.21 1.65 2.24	60.00 1.36 0.66	70.69 1.78 -0.45	73.23 2.38 5.79	72.68 2.34 7.76	70.31 1.98 10.68	66.36 1.06 10.35	62.21 0.90 7.76	55.07 1.33 4.15	50.38 1.34 0.66
BLISS_WT_PWR 323608	42.66 -1.28 0.00	39.19 0.27 0.00	37.15 0.66 0.00	34.53 -0.24 0.00	34.20 -0.31 0.00	33.32 -0.27 0.00	33.86 -0.27 0.00	35.72 0.74 0.00	38.72 1.02 0.00	42.85 0.17 0.00	46.45 0.37 0.00	48.86 0.77 0.00	51.42 1.45 0.00	54.95 2.06 0.00	60.45 3.64 0.00	63.10 3.80 0.00	72.57 4.11 0.00	82.78 6.13 0.00	84.82 6.72 0.00	86.20 7.19 0.00	80.11 4.46 0.00	72.59 3.52 0.00	59.74 1.85 0.00	51.88 2.18 0.00
BLUESTONE___WT_PWR 323821	46.53 2.59 0.00	41.59 2.68 0.00	38.97 2.48 0.00	36.93 2.16 0.00	36.83 2.31 0.00	35.91 2.32 0.00	36.42 2.29 0.00	37.61 2.63 0.00	40.49 2.79 0.00	45.58 2.90 0.00	49.30 3.22 0.00	51.32 3.22 0.00	53.42 3.45 0.00	56.70 3.81 0.00	61.12 4.32 0.00	63.86 4.57 0.00	73.60 5.14 0.00	83.16 6.51 0.00	85.91 7.81 0.00	87.31 8.29 0.00	82.99 7.34 0.00	75.35 6.28 0.00	62.58 4.69 0.00	53.53 3.83 0.00
BLUE_CIRC_CHEM_DRP 24182	43.67 -0.26 0.00	38.87 -0.04 0.00	36.49 0.00 0.00	34.91 0.14 0.00	34.65 0.14 0.00	33.72 0.13 0.00	34.13 0.00 0.00	34.91 -0.07 0.00	37.40 -0.30 0.00	41.82 -0.85 0.00	44.97 -1.11 0.00	47.04 -1.06 0.00	48.76 -1.15 0.07	50.44 -1.32 1.12	52.87 -1.70 2.23	54.48 -1.96 2.86	60.86 -2.19 5.41	66.77 -2.30 7.57	68.31 -1.80 8.00	68.97 -1.82 8.22	66.42 -2.04 7.18	67.18 -1.86 0.02	56.72 -1.16 0.02	48.40 -1.04 0.25
BOC_GAS_DRP 24189	44.33 0.40 0.00	39.42 0.51 0.00	37.00 0.51 0.00	35.36 0.59 0.00	35.10 0.59 0.00	34.16 0.57 0.00	34.71 0.58 0.00	35.44 0.45 0.00	38.04 0.34 0.00	42.68 0.00 0.00	45.90 -0.18 0.00	47.95 -0.14 0.00	49.78 -0.20 0.00	52.69 -0.26 -0.07	56.31 -0.45 0.04	58.68 -0.65 -0.04	67.90 -0.68 -0.12	76.35 -0.69 -0.40	78.22 -0.39 -0.51	79.06 -0.47 -0.52	75.20 -0.91 -0.46	68.24 -0.83 0.00	57.54 -0.35 0.00	49.42 -0.30 -0.02
BOONVILLE_115KV_TB1 79983	45.08 1.14 0.00	40.00 1.09 0.00	37.58 1.09 0.00	35.71 0.94 0.00	35.58 1.07 0.00	34.63 1.04 0.00	35.09 0.96 0.00	36.03 1.05 0.00	38.79 1.09 0.00	43.83 1.15 0.00	47.60 1.52 0.00	49.58 1.49 0.00	51.47 1.50 0.00	54.47 1.59 0.00	58.51 1.70 0.00	61.14 1.84 0.00	70.59 2.12 0.00	79.41 2.76 0.00	81.77 3.67 0.00	83.12 4.11 0.00	79.74 4.09 0.00	72.59 3.52 0.00	60.32 2.43 0.00	51.74 2.04 0.00
BORALEX_4TH_BRANCH 23824	45.78 1.85 0.00	40.78 1.87 0.00	38.24 1.75 0.00	36.44 1.67 0.00	36.17 1.66 0.00	35.20 1.61 0.00	35.77 1.64 0.00	36.49 1.50 0.00	39.13 1.43 0.00	43.70 1.02 0.00	46.96 0.88 0.00	49.15 1.06 0.00	51.07 1.10 0.00	53.73 0.85 0.00	56.75 0.68 0.74	59.18 0.47 0.59	68.24 0.68 0.91	77.29 1.00 0.35	79.82 1.72 0.00	80.60 1.58 0.00	76.48 0.83 0.00	69.69 0.62 0.00	58.93 1.04 0.00	50.50 0.80 0.00
BOWLINE___1 23526	46.00 2.07 0.00	40.86 1.94 0.00	38.20 1.72 0.00	36.34 1.57 0.00	36.07 1.55 0.00	35.17 1.58 0.00	35.94 1.81 0.00	36.49 1.50 0.00	39.51 1.81 0.00	44.30 1.62 0.00	47.55 1.47 0.00	49.59 1.49 0.00	51.42 1.45 0.00	54.37 1.48 0.00	58.40 1.25 -0.35	60.76 1.19 -0.28	70.40 1.50 -0.43	78.88 2.07 -0.17	80.21 2.11 0.00	80.83 1.82 0.00	76.56 0.91 0.00	69.69 0.62 0.00	59.05 1.16 0.00	50.84 1.14 0.00
BOWLINE___2 23595	46.09 2.15 0.00	40.89 1.98 0.00	38.28 1.79 0.00	36.37 1.60 0.00	36.10 1.59 0.00	35.20 1.61 0.00	35.97 1.84 0.00	36.56 1.58 0.00	39.55 1.85 0.00	44.34 1.66 0.00	47.65 1.57 0.00	49.63 1.54 0.00	51.52 1.55 0.00	54.42 1.53 0.00	58.52 1.36 -0.35	60.88 1.30 -0.28	70.54 1.64 -0.43	79.04 2.22 -0.17	80.36 2.27 0.00	80.99 1.98 0.00	76.71 1.06 0.00	69.76 0.69 0.00	59.11 1.22 0.00	50.94 1.24 0.00
BRADY___115KV_TB2 356060	44.68 0.75 0.00	39.18 0.27 0.00	36.67 0.18 0.00	34.95 0.17 0.00	34.76 0.24 0.00	33.79 0.20 0.00	34.27 0.14 0.00	35.16 0.17 0.00	37.93 0.23 0.00	43.40 0.73 0.00	47.14 1.06 0.00	48.96 0.87 0.00	50.77 0.80 0.00	53.68 0.79 0.00	57.72 0.91 0.00	60.31 1.01 0.00	69.70 1.23 0.00	77.64 1.00 0.00	79.11 1.02 0.00	80.60 1.58 0.00	78.37 2.72 0.00	71.76 2.69 0.00	59.92 2.03 0.00	51.14 1.44 0.00
BRANSCOMB___SOLAR 323811	46.00 2.07 0.00	40.86 1.94 0.00	38.35 1.86 0.00	36.55 1.77 0.00	36.27 1.76 0.00	35.27 1.68 0.00	35.63 1.50 0.00	36.63 1.64 0.00	39.32 1.62 0.00	43.87 1.19 0.00	47.09 1.01 0.00	49.54 1.44 0.00	51.32 1.35 0.00	54.15 1.27 0.00	57.23 0.79 0.37	59.65 0.65 0.30	68.83 0.82 0.46	77.85 1.38 0.18	80.67 2.57 0.00	81.78 2.76 0.00	78.07 2.42 0.00	71.34 2.28 0.00	60.09 2.20 0.00	51.39 1.69 0.00
BRDGHMPT_69_KV_BK1 55812	48.33 4.39 0.00	43.11 4.20 0.00	40.14 3.65 0.00	37.80 3.03 0.00	37.69 3.18 0.00	36.75 3.16 0.00	37.24 3.11 0.00	37.82 2.83 0.00	41.55 3.85 0.00	47.33 4.65 0.00	49.63 3.55 0.00	51.17 3.08 0.00	51.39 2.75 1.33	52.49 2.91 3.30	54.91 3.12 5.02	60.18 3.02 2.14	71.27 3.70 0.89	68.75 4.52 12.41	66.64 4.22 15.68	60.79 3.32 21.54	56.89 2.12 20.88	54.96 1.66 15.76	51.03 1.51 8.37	49.91 1.54 1.33



BRENTWOD_69_KV_W. BRTWOOD 56703	47.80 3.87 0.00	42.57 3.66 0.00	39.66 3.17 0.00	37.31 2.54 0.00	37.14 2.62 0.00	36.21 2.62 0.00	36.83 2.70 0.00	37.33 2.34 0.00	40.83 3.13 0.00	46.26 3.58 0.00	48.34 2.26 0.00	49.73 1.64 0.00	49.91 1.25 1.31	50.92 1.27 3.24	53.10 1.25 4.96	58.01 0.95 2.24	68.45 1.23 1.25	66.07 1.76 12.34	64.50 1.80 15.40	59.29 1.42 21.14	55.76 0.61 20.50	53.84 0.28 15.50	50.43 0.75 8.22	49.24 0.84 1.31
BRISTLHL_115KV_TB1 79998	43.41 -0.53 0.00	38.68 -0.23 0.00	36.34 -0.15 0.00	34.49 -0.28 0.00	34.24 -0.28 0.00	33.29 -0.30 0.00	33.79 -0.34 0.00	34.74 -0.24 0.00	37.44 -0.26 0.00	42.21 -0.47 0.00	45.57 -0.51 0.00	47.66 -0.43 0.00	49.57 -0.40 0.00	52.57 -0.32 0.00	56.41 -0.40 0.00	58.94 -0.36 0.00	67.99 -0.48 0.00	76.49 -0.15 0.00	78.41 0.31 0.00	79.41 0.40 0.00	75.50 -0.15 0.00	68.79 -0.28 0.00	57.49 -0.41 0.00	49.45 -0.25 0.00
BROOKHAVEN___DRP 24191	47.14 3.21 0.00	42.06 3.15 0.00	39.15 2.66 0.00	36.86 2.09 0.00	36.72 2.21 0.00	35.84 2.25 0.00	36.35 2.22 0.00	36.91 1.92 0.00	40.38 2.68 0.00	45.83 3.16 0.00	47.88 1.80 0.00	49.30 1.20 0.00	49.44 0.80 1.33	50.43 0.85 3.30	52.58 0.80 5.02	57.64 0.47 2.13	68.35 0.75 0.87	65.31 1.07 12.41	63.50 1.09 15.69	58.10 0.63 21.55	54.61 -0.15 20.89	52.88 -0.41 15.77	49.57 0.06 8.37	48.57 0.20 1.33
BROOKLYN_NAVY_YARD 23515	46.71 2.77 0.00	41.48 2.57 0.00	38.72 2.23 0.00	36.79 2.02 0.00	36.48 1.97 0.00	35.57 1.98 0.00	36.42 2.29 0.00	37.05 2.06 0.00	40.23 2.53 0.00	45.11 2.43 0.00	48.34 2.26 0.00	50.31 2.21 0.00	52.12 2.15 0.00	55.06 2.17 0.00	59.11 1.93 -0.37	61.37 1.78 -0.30	71.05 2.12 -0.46	79.58 2.76 -0.18	80.83 2.73 0.00	81.38 2.37 0.00	77.16 1.51 0.00	70.10 1.04 0.00	59.74 1.85 0.00	51.64 1.94 0.00
BROOKLYN___ARMY_DRP 323595	47.14 3.21 0.00	41.91 3.00 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.18 0.00	36.77 1.78 0.00	39.96 2.26 0.00	44.72 2.05 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.77 1.80 0.00	54.79 1.90 0.00	58.99 1.82 -0.37	61.37 1.78 -0.29	62.89 2.19 7.76	66.69 2.84 12.79	62.75 2.81 18.16	60.81 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.34 1.45 0.00	51.69 1.99 0.00
BROOME_2_LFGE 323671	44.38 0.44 0.00	39.81 0.90 0.00	37.33 0.84 0.00	35.36 0.59 0.00	35.06 0.55 0.00	34.12 0.54 0.00	34.68 0.54 0.00	35.75 0.77 0.00	38.53 0.83 0.00	43.27 0.60 0.00	46.72 0.64 0.00	48.86 0.77 0.00	50.92 0.95 0.00	54.10 1.22 0.00	58.46 1.65 0.00	61.02 1.72 0.00	70.31 1.85 0.00	79.40 2.76 0.00	81.30 3.20 0.00	82.41 3.40 0.00	77.85 2.20 0.00	70.86 1.79 0.00	59.11 1.22 0.00	50.89 1.19 0.00
BROOME___LFGE 323600	44.38 0.44 0.00	39.81 0.90 0.00	37.33 0.84 0.00	35.36 0.59 0.00	35.06 0.55 0.00	34.12 0.54 0.00	34.68 0.54 0.00	35.75 0.77 0.00	38.53 0.83 0.00	43.27 0.60 0.00	46.72 0.64 0.00	48.86 0.77 0.00	50.92 0.95 0.00	54.10 1.22 0.00	58.46 1.65 0.00	61.02 1.72 0.00	70.31 1.85 0.00	79.40 2.76 0.00	81.30 3.20 0.00	82.41 3.40 0.00	77.85 2.20 0.00	70.86 1.79 0.00	59.11 1.22 0.00	50.89 1.19 0.00
BROWNFLS_115KV_TB 3_5 80003	44.68 0.75 0.00	39.38 0.47 0.00	36.96 0.47 0.00	35.12 0.35 0.00	35.00 0.48 0.00	34.06 0.47 0.00	34.51 0.38 0.00	35.44 0.45 0.00	38.19 0.49 0.00	43.44 0.77 0.00	47.32 1.24 0.00	49.15 1.06 0.00	50.97 1.00 0.00	53.89 1.00 0.00	57.94 1.14 0.00	60.60 1.30 0.00	69.97 1.51 0.00	78.49 1.84 0.00	80.60 2.50 0.00	82.10 3.08 0.00	79.43 3.78 0.00	72.59 3.52 0.00	60.21 2.32 0.00	51.59 1.89 0.00
BROWNSV1_27_KV_LOAD 356125	47.23 3.30 0.00	41.98 3.07 0.00	39.15 2.66 0.00	37.17 2.40 0.00	36.86 2.35 0.00	35.94 2.35 0.00	36.79 2.66 0.00	37.43 2.45 0.00	40.64 2.94 0.00	45.53 2.86 0.00	48.94 2.86 0.00	50.98 2.89 0.00	52.77 2.80 0.00	55.80 2.91 0.00	60.07 2.90 -0.37	62.15 2.55 -0.30	72.07 3.15 -0.46	80.73 3.91 -0.18	82.00 3.90 0.00	82.57 3.56 0.00	78.22 2.57 0.00	71.07 2.00 0.00	60.44 2.55 0.00	52.23 2.53 0.00
BURROWS___LYONSDAL 23803	45.03 1.10 0.00	39.92 1.01 0.00	37.55 1.06 0.00	35.64 0.87 0.00	35.55 1.04 0.00	34.60 1.01 0.00	35.05 0.92 0.00	36.00 1.01 0.00	38.72 1.02 0.00	43.78 1.11 0.00	47.60 1.52 0.00	49.58 1.49 0.00	51.47 1.50 0.00	54.47 1.59 0.00	58.51 1.70 0.00	61.14 1.84 0.00	70.59 2.12 0.00	79.48 2.84 0.00	81.85 3.75 0.00	83.28 4.27 0.00	80.04 4.39 0.00	72.93 3.87 0.00	60.44 2.55 0.00	51.89 2.19 0.00
CAITHNESS_CC_1 323624	47.14 3.21 0.00	41.98 3.07 0.00	39.12 2.63 0.00	36.82 2.05 0.00	36.72 2.21 0.00	35.84 2.25 0.00	36.35 2.22 0.00	36.66 1.68 0.00	40.34 2.64 0.00	45.79 3.11 0.00	47.65 1.57 0.00	48.96 0.87 0.00	49.39 0.75 1.33	50.27 0.69 3.30	52.29 0.51 5.02	57.53 0.36 2.12	68.23 0.61 0.85	65.16 0.92 12.41	63.27 0.86 15.69	57.93 0.48 21.56	54.45 -0.30 20.90	52.74 -0.55 15.77	49.51 0.00 8.38	48.52 0.15 1.33
CALPINE BETH_PAGE_GT4 24209	47.14 3.21 0.00	42.10 3.19 0.00	39.23 2.74 0.00	37.00 2.23 0.00	36.79 2.28 0.00	35.87 2.28 0.00	36.56 2.42 0.00	37.08 2.10 0.00	40.49 2.79 0.00	45.62 2.94 0.00	48.02 1.94 0.00	49.58 1.49 0.00	50.20 1.20 0.97	51.69 1.22 2.42	54.46 1.14 3.49	59.01 0.83 1.12	69.94 1.03 -0.45	69.54 1.53 8.63	68.20 1.56 11.46	64.36 1.11 15.76	60.67 0.30 15.28	57.69 0.07 11.45	52.40 0.64 6.13	49.47 0.75 0.97
CALPINE_BETH_PAGE_GT_4 323586	47.14 3.21 0.00	42.06 3.15 0.00	39.23 2.74 0.00	37.00 2.23 0.00	36.79 2.28 0.00	35.87 2.29 0.00	36.52 2.39 0.00	36.94 1.96 0.00	40.49 2.79 0.00	45.62 2.94 0.00	47.88 1.80 0.00	49.39 1.30 0.00	50.19 1.20 0.97	51.63 1.16 2.42	54.23 0.91 3.49	59.01 0.83 1.12	70.00 1.09 -0.45	69.62 1.61 8.63	68.20 1.56 11.46	64.36 1.11 15.76	60.75 0.38 15.28	57.69 0.07 11.45	52.40 0.64 6.13	49.47 0.75 0.97
CALPINE_BP_GT1 23823	47.14 3.21 0.00	42.06 3.15 0.00	39.23 2.74 0.00	37.00 2.23 0.00	36.79 2.28 0.00	35.87 2.29 0.00	36.52 2.39 0.00	36.94 1.96 0.00	40.49 2.79 0.00	45.62 2.94 0.00	47.88 1.80 0.00	49.39 1.30 0.00	50.19 1.20 0.97	51.63 1.16 2.42	54.23 0.91 3.49	59.01 0.83 1.12	70.00 1.09 -0.45	69.62 1.61 8.63	68.20 1.56 11.46	64.36 1.11 15.76	60.75 0.38 15.28	57.69 0.07 11.45	52.40 0.64 6.13	49.47 0.75 0.97
CALSPAN___DRP 24200	43.23 -0.70 0.00	39.53 0.62 0.00	37.51 1.02 0.00	34.84 0.07 0.00	34.41 -0.10 0.00	33.42 -0.17 0.00	33.93 -0.20 0.00	35.72 0.73 0.00	38.64 0.94 0.00	42.97 0.30 0.00	46.49 0.41 0.00	48.86 0.77 0.00	51.57 1.60 0.00	55.06 2.17 0.00	59.93 3.12 0.00	63.21 3.91 0.00	72.50 4.04 0.00	82.70 6.06 0.00	84.58 6.48 0.00	85.97 6.95 0.00	79.96 4.31 0.00	72.52 3.45 0.00	59.74 1.85 0.00	52.04 2.34 0.00

CALVERTON___SOLAR 323806	47.27 3.34 0.00	42.10 3.19 0.00	39.23 2.74 0.00	36.93 2.16 0.00	36.83 2.31 0.00	35.91 2.32 0.00	36.42 2.29 0.00	36.73 1.75 0.00	40.49 2.79 0.00	45.96 3.29 0.00	47.88 1.80 0.00	49.25 1.15 0.00	49.64 1.00 1.33	50.59 1.00 3.30	52.64 0.85 5.02	57.93 0.77 2.14	68.68 1.09 0.88	65.77 1.53 12.41	63.89 1.48 15.69	58.42 0.95 21.55	54.84 0.08 20.89	53.16 -0.14 15.77	49.75 0.23 8.37	48.72 0.35 1.33
CANDIGU_WT_PWR 323617	43.76 -0.18 0.00	39.81 0.90 0.00	37.36 0.87 0.00	35.02 0.25 0.00	34.62 0.10 0.00	33.69 0.10 0.00	34.23 0.10 0.00	35.68 0.70 0.00	38.49 0.79 0.00	42.93 0.26 0.00	46.31 0.23 0.00	48.43 0.34 0.00	50.67 0.70 0.00	54.10 1.22 0.00	59.08 2.27 0.00	61.61 2.31 0.00	70.93 2.46 0.00	80.71 4.06 0.00	83.02 4.92 0.00	84.63 5.61 0.00	79.51 3.86 0.00	72.18 3.11 0.00	59.69 1.80 0.00	51.69 1.99 0.00
CARR STREET_E_SYR 24060	43.41 -0.53 0.00	38.76 -0.16 0.00	36.45 -0.04 0.00	34.70 -0.07 0.00	34.41 -0.10 0.00	33.46 -0.13 0.00	34.00 -0.14 0.00	34.95 -0.03 0.00	37.59 -0.11 0.00	42.25 -0.43 0.00	45.62 -0.46 0.00	47.71 -0.39 0.00	49.67 -0.30 0.00	52.68 -0.21 0.00	56.75 -0.06 0.00	59.18 -0.12 0.00	68.26 -0.20 0.00	76.88 0.23 0.00	78.72 0.62 0.00	79.72 0.71 0.00	75.73 0.08 0.00	68.93 -0.14 0.00	57.60 -0.29 0.00	49.50 -0.20 0.00
CARTHAGE___PAPER 23857	45.56 1.63 0.00	40.35 1.44 0.00	37.88 1.39 0.00	35.92 1.15 0.00	35.90 1.38 0.00	34.93 1.34 0.00	35.29 1.16 0.00	36.28 1.30 0.00	38.91 1.21 0.00	44.00 1.32 0.00	47.83 1.75 0.00	49.73 1.64 0.00	51.57 1.60 0.00	54.53 1.64 0.00	58.62 1.82 0.00	61.25 1.95 0.00	70.86 2.40 0.00	80.02 3.37 0.00	82.86 4.76 0.00	84.78 5.77 0.00	81.93 6.28 0.00	74.73 5.66 0.00	61.71 3.82 0.00	52.83 3.13 0.00
CASSADAGA_WT_PWR 323784	43.58 -0.35 0.00	40.16 1.24 0.00	37.99 1.50 0.00	35.26 0.49 0.00	34.89 0.38 0.00	33.89 0.30 0.00	34.44 0.31 0.00	36.35 1.36 0.00	39.28 1.58 0.00	43.70 1.02 0.00	47.37 1.29 0.00	49.73 1.64 0.00	52.52 2.55 0.00	56.22 3.33 0.00	61.75 4.94 0.00	64.57 5.28 0.00	74.49 6.03 0.00	85.08 8.43 0.00	87.23 9.13 0.00	88.65 9.64 0.00	82.23 6.58 0.00	74.52 5.45 0.00	61.25 3.36 0.00	53.23 3.53 0.00
CE_DUNWOOD___DRP 24194	46.40 2.46 0.00	41.25 2.33 0.00	38.53 2.04 0.00	36.62 1.84 0.00	36.34 1.83 0.00	35.44 1.85 0.00	36.25 2.12 0.00	36.84 1.85 0.00	39.89 2.19 0.00	44.77 2.09 0.00	48.06 1.98 0.00	50.11 2.02 0.00	51.87 1.90 0.00	54.84 1.96 0.00	59.16 1.99 -0.37	61.26 1.66 -0.30	70.98 2.05 -0.46	79.51 2.68 -0.18	80.83 2.73 0.00	81.39 2.37 0.00	77.09 1.44 0.00	70.10 1.04 0.00	59.45 1.56 0.00	51.24 1.54 0.00
CE_MILLWOOD___DRP 24193	46.27 2.33 0.00	41.13 2.22 0.00	38.42 1.93 0.00	36.55 1.77 0.00	36.24 1.73 0.00	35.37 1.78 0.00	36.15 2.01 0.00	36.73 1.75 0.00	39.77 2.07 0.00	44.60 1.92 0.00	47.92 1.84 0.00	49.92 1.83 0.00	51.72 1.75 0.00	54.69 1.80 0.00	58.99 1.82 -0.37	61.14 1.54 -0.30	70.77 1.85 -0.46	79.27 2.45 -0.17	80.60 2.50 0.00	81.23 2.21 0.00	76.94 1.29 0.00	69.96 0.90 0.00	59.34 1.45 0.00	51.14 1.44 0.00
CE_NYC2_DRP 24202	46.97 3.03 0.00	41.79 2.88 0.00	38.93 2.44 0.00	37.00 2.23 0.00	36.65 2.14 0.00	35.64 2.05 0.00	36.38 2.25 0.00	36.87 1.89 0.00	40.04 2.34 0.00	44.77 2.09 0.00	48.20 2.12 0.00	50.07 1.97 0.00	51.82 1.85 0.00	54.79 1.90 0.00	58.94 1.76 -0.37	60.34 1.42 0.38	60.69 1.78 9.56	60.69 2.30 18.25	60.70 2.26 19.66	60.34 1.98 20.65	60.26 1.06 16.45	60.58 0.69 9.18	59.28 1.39 0.00	51.59 1.89 0.00
CE_NYC_DRP 24195	46.84 2.90 0.00	41.63 2.72 0.00	38.82 2.34 0.00	36.89 2.12 0.00	36.58 2.07 0.00	35.67 2.08 0.00	36.52 2.39 0.00	37.15 2.17 0.00	40.30 2.60 0.00	45.15 2.48 0.00	48.52 2.44 0.00	50.55 2.45 0.00	52.27 2.30 0.00	55.27 2.38 0.00	59.51 2.33 -0.37	61.55 1.96 -0.30	71.32 2.40 -0.46	79.89 3.07 -0.18	81.14 3.05 0.00	81.70 2.69 0.00	77.39 1.74 0.00	70.38 1.31 0.00	59.86 1.97 0.00	51.74 2.04 0.00
CHAFFEE___LFGE 323603	43.28 -0.66 0.00	39.92 1.01 0.00	37.55 1.06 0.00	34.88 0.10 0.00	34.41 -0.10 0.00	33.42 -0.17 0.00	33.89 -0.24 0.00	35.82 0.84 0.00	38.79 1.09 0.00	43.10 0.43 0.00	46.68 0.60 0.00	49.01 0.91 0.00	51.67 1.70 0.00	55.32 2.43 0.00	60.78 3.98 0.00	63.45 4.15 0.00	72.78 4.32 0.00	83.00 6.36 0.00	85.05 6.95 0.00	86.36 7.35 0.00	80.27 4.62 0.00	72.79 3.73 0.00	59.86 1.97 0.00	52.23 2.53 0.00
CHATEAUG_35_KV_LOAD 355732	44.02 0.09 0.00	38.60 -0.31 0.00	36.09 -0.40 0.00	34.39 -0.38 0.00	34.10 -0.41 0.00	33.19 -0.40 0.00	33.76 -0.38 0.00	34.70 -0.28 0.00	37.59 -0.11 0.00	43.14 0.47 0.00	46.82 0.74 0.00	48.43 0.34 0.00	50.17 0.20 0.00	52.99 0.11 0.00	57.09 0.28 0.00	59.59 0.30 0.00	68.94 0.48 0.00	76.65 0.00 0.00	77.86 -0.23 0.00	79.01 0.00 0.00	76.56 0.91 0.00	69.96 0.90 0.00	58.35 0.46 0.00	49.95 0.25 0.00
CHATEAUG_WT_PWR 323614	44.02 0.09 0.00	38.64 -0.27 0.00	36.12 -0.36 0.00	34.39 -0.38 0.00	34.13 -0.38 0.00	33.19 -0.40 0.00	33.76 -0.37 0.00	34.74 -0.24 0.00	37.66 -0.04 0.00	43.19 0.51 0.00	46.86 0.78 0.00	48.53 0.43 0.00	50.17 0.20 0.00	53.05 0.16 0.00	57.09 0.29 0.00	59.66 0.36 0.00	68.88 0.41 0.00	76.57 -0.08 0.00	77.71 -0.39 0.00	78.78 -0.24 0.00	76.25 0.60 0.00	69.76 0.69 0.00	58.24 0.35 0.00	49.80 0.10 0.00
CHAT_HIGH_FALL_HYD 323578	44.02 0.09 0.00	38.60 -0.31 0.00	36.09 -0.40 0.00	34.39 -0.38 0.00	34.10 -0.41 0.00	33.19 -0.40 0.00	33.76 -0.38 0.00	34.70 -0.28 0.00	37.59 -0.11 0.00	43.14 0.47 0.00	46.82 0.74 0.00	48.43 0.34 0.00	50.17 0.20 0.00	52.99 0.11 0.00	57.09 0.28 0.00	59.59 0.30 0.00	68.94 0.48 0.00	76.65 0.00 0.00	77.86 -0.23 0.00	79.01 0.00 0.00	76.56 0.91 0.00	69.96 0.90 0.00	58.35 0.46 0.00	49.95 0.25 0.00
CHAUTAUQUA___LFGE 323629	43.63 -0.31 0.00	40.16 1.24 0.00	37.84 1.35 0.00	35.16 0.38 0.00	34.76 0.24 0.00	33.76 0.17 0.00	34.30 0.17 0.00	36.10 1.12 0.00	39.10 1.40 0.00	43.48 0.81 0.00	47.09 1.01 0.00	49.44 1.34 0.00	52.17 2.20 0.00	55.85 2.96 0.00	61.35 4.55 0.00	64.10 4.80 0.00	73.74 5.27 0.00	84.08 7.43 0.00	86.14 8.05 0.00	87.55 8.54 0.00	81.40 5.75 0.00	73.76 4.70 0.00	60.67 2.78 0.00	52.83 3.13 0.00
CHERRYST_13_KV_LD 356241	46.97 3.03 0.00	41.79 2.88 0.00	38.97 2.48 0.00	37.03 2.26 0.00	36.72 2.21 0.00	35.81 2.22 0.00	36.66 2.53 0.00	37.29 2.31 0.00	40.45 2.75 0.00	45.32 2.65 0.00	48.71 2.63 0.00	50.74 2.65 0.00	52.52 2.55 0.00	55.53 2.64 0.00	59.79 2.61 -0.37	61.85 2.25 -0.30	71.66 2.74 -0.46	80.20 3.37 -0.18	81.54 3.44 0.00	82.10 3.08 0.00	77.77 2.12 0.00	70.65 1.59 0.00	60.09 2.20 0.00	51.94 2.24 0.00

CHESTROR_138KV_BK263 355645	45.78 1.85 0.00	40.70 1.79 0.00	38.06 1.57 0.00	36.20 1.43 0.00	35.93 1.42 0.00	35.03 1.44 0.00	35.70 1.57 0.00	36.35 1.36 0.00	39.25 1.55 0.00	44.00 1.32 0.00	47.32 1.24 0.00	49.34 1.25 0.00	51.22 1.25 0.00	54.16 1.27 0.00	58.32 1.19 -0.32	60.56 1.01 -0.25	70.16 1.30 -0.39	78.56 1.76 -0.15	80.05 1.95 0.00	80.83 1.82 0.00	76.63 0.98 0.00	69.76 0.69 0.00	58.99 1.10 0.00	50.79 1.09 0.00
CH_MIDHUDSON___DRP 24192	46.05 2.11 0.00	40.93 2.02 0.00	38.28 1.79 0.00	36.41 1.63 0.00	36.14 1.62 0.00	35.24 1.65 0.00	35.91 1.77 0.00	36.52 1.54 0.00	39.40 1.70 0.00	44.17 1.49 0.00	47.51 1.43 0.00	49.54 1.44 0.00	51.37 1.40 0.00	54.32 1.43 0.00	58.44 1.36 -0.27	60.64 1.13 -0.21	70.30 1.51 -0.33	78.77 1.99 -0.13	80.29 2.19 0.00	81.07 2.05 0.00	76.86 1.21 0.00	70.03 0.97 0.00	59.28 1.39 0.00	50.94 1.24 0.00
CH_MISC_IPPS 23765	46.35 2.41 0.00	41.17 2.26 0.00	38.53 2.04 0.00	36.61 1.84 0.00	36.38 1.86 0.00	35.44 1.85 0.00	36.08 1.94 0.00	36.63 1.64 0.00	39.62 1.92 0.00	44.38 1.71 0.00	47.74 1.66 0.00	49.78 1.68 0.00	51.72 1.75 0.00	54.63 1.74 0.00	58.69 1.59 -0.29	61.07 1.54 -0.24	70.81 1.99 -0.36	79.39 2.61 -0.14	80.99 2.89 0.00	81.86 2.84 0.00	77.61 1.96 0.00	70.66 1.59 0.00	59.80 1.91 0.00	51.39 1.69 0.00
CH_RES_BVR_FALLS 23983	43.58 -0.35 0.00	38.48 -0.43 0.00	36.09 -0.40 0.00	34.46 -0.31 0.00	34.20 -0.31 0.00	33.29 -0.30 0.00	33.82 -0.31 0.00	34.70 -0.28 0.00	37.48 -0.22 0.00	42.59 -0.09 0.00	46.08 0.00 0.00	48.05 -0.05 0.00	49.92 -0.05 0.00	52.78 -0.11 0.00	56.69 -0.11 0.00	59.24 -0.06 0.00	68.40 -0.07 0.00	76.42 -0.23 0.00	77.71 -0.39 0.00	78.62 -0.39 0.00	75.58 -0.08 0.00	69.00 -0.07 0.00	57.72 -0.17 0.00	49.50 -0.20 0.00
CH_RES_NIAGARA 23895	42.00 -1.93 0.00	38.52 -0.39 0.00	36.60 0.11 0.00	33.97 -0.80 0.00	34.13 -0.38 0.00	32.51 -1.07 0.00	33.01 -1.13 0.00	34.74 -0.24 0.00	38.04 0.34 0.00	41.74 -0.94 0.00	45.11 -0.97 0.00	47.42 -0.67 0.00	50.07 0.10 0.00	53.42 0.53 0.00	58.17 1.36 0.00	61.31 2.02 0.00	70.18 1.71 0.00	79.87 3.22 0.00	81.54 3.44 0.00	82.81 3.79 0.00	77.24 1.59 0.00	70.17 1.11 0.00	57.83 -0.06 0.00	50.54 0.84 0.00
CH_RES_SYRACUSE 23985	43.63 -0.31 0.00	38.95 0.04 0.00	36.53 0.04 0.00	34.70 -0.07 0.00	34.41 -0.10 0.00	33.46 -0.13 0.00	34.00 -0.14 0.00	34.98 0.00 0.00	37.70 0.00 0.00	42.51 -0.17 0.00	45.94 -0.14 0.00	48.00 -0.10 0.00	49.92 -0.05 0.00	52.99 0.11 0.00	57.09 0.29 0.00	59.54 0.24 0.00	68.60 0.14 0.00	77.33 0.69 0.00	79.19 1.09 0.00	80.20 1.19 0.00	76.18 0.53 0.00	69.34 0.28 0.00	57.95 0.06 0.00	49.80 0.10 0.00
CLINTON_WT_PWR 323605	44.02 0.09 0.00	38.64 -0.27 0.00	36.12 -0.36 0.00	34.39 -0.38 0.00	34.13 -0.38 0.00	33.19 -0.40 0.00	33.76 -0.37 0.00	34.74 -0.24 0.00	37.66 -0.04 0.00	43.19 0.51 0.00	46.86 0.78 0.00	48.53 0.43 0.00	50.17 0.20 0.00	53.05 0.16 0.00	57.09 0.29 0.00	59.66 0.36 0.00	68.88 0.41 0.00	76.57 -0.08 0.00	77.71 -0.39 0.00	78.78 -0.24 0.00	76.25 0.60 0.00	69.76 0.69 0.00	58.24 0.35 0.00	49.80 0.10 0.00
CLINTON___LFGE 323618	44.68 0.75 0.00	39.26 0.35 0.00	36.64 0.15 0.00	34.91 0.14 0.00	34.62 0.10 0.00	33.66 0.07 0.00	34.23 0.10 0.00	35.30 0.31 0.00	38.27 0.57 0.00	43.91 1.24 0.00	47.69 1.61 0.00	49.15 1.06 0.00	50.72 0.75 0.00	53.63 0.74 0.00	57.71 0.91 0.00	60.24 0.95 0.00	69.70 1.23 0.00	77.57 0.92 0.00	78.88 0.78 0.00	80.04 1.02 0.00	77.46 1.81 0.00	70.72 1.65 0.00	58.93 1.04 0.00	50.40 0.70 0.00
COBBLENY_34_KV_TB1 80064	43.28 -0.66 0.00	39.57 0.66 0.00	37.55 1.06 0.00	34.88 0.10 0.00	34.41 -0.10 0.00	33.42 -0.17 0.00	33.96 -0.17 0.00	35.75 0.77 0.00	38.72 1.02 0.00	43.10 0.43 0.00	46.63 0.55 0.00	49.01 0.91 0.00	51.67 1.70 0.00	55.21 2.33 0.00	60.10 3.29 0.00	63.45 4.15 0.00	72.78 4.31 0.00	83.08 6.44 0.00	84.97 6.87 0.00	86.36 7.35 0.00	80.27 4.61 0.00	72.80 3.73 0.00	59.92 2.03 0.00	52.14 2.44 0.00
COFFEEN___115KV_TB3 355620	46.40 2.46 0.00	41.17 2.26 0.00	38.68 2.19 0.00	36.62 1.84 0.00	36.62 2.11 0.00	35.64 2.05 0.00	35.94 1.81 0.00	36.94 1.96 0.00	39.58 1.88 0.00	44.64 1.96 0.00	48.43 2.35 0.00	50.40 2.31 0.00	52.22 2.25 0.00	55.21 2.33 0.00	59.31 2.50 0.00	62.08 2.79 0.00	71.82 3.35 0.00	81.25 4.60 0.00	84.58 6.48 0.00	86.76 7.74 0.00	83.82 8.17 0.00	76.39 7.32 0.00	62.98 5.09 0.00	53.83 4.13 0.00
COLDSPRG_115KV_BK1 355956	43.67 -0.26 0.00	40.04 1.13 0.00	38.02 1.53 0.00	35.33 0.56 0.00	34.93 0.41 0.00	33.93 0.34 0.00	34.54 0.41 0.00	36.35 1.36 0.00	39.40 1.70 0.00	43.91 1.24 0.00	47.55 1.47 0.00	49.97 1.88 0.00	52.47 2.50 0.00	56.06 3.17 0.00	60.95 4.15 0.00	64.46 5.16 0.00	74.28 5.82 0.00	84.85 8.20 0.00	87.00 8.90 0.00	88.34 9.32 0.00	81.93 6.28 0.00	74.18 5.11 0.00	61.07 3.18 0.00	52.83 3.13 0.00
COLONIE_LFGE___ 323577	45.34 1.41 0.00	40.31 1.40 0.00	37.88 1.39 0.00	36.13 1.35 0.00	35.86 1.34 0.00	34.90 1.31 0.00	35.36 1.23 0.00	36.17 1.19 0.00	38.83 1.13 0.00	43.40 0.72 0.00	46.68 0.60 0.00	48.96 0.87 0.00	50.82 0.85 0.00	53.57 0.69 0.00	56.71 0.34 0.44	59.18 0.24 0.35	68.34 0.41 0.54	77.13 0.69 0.21	79.51 1.41 0.00	80.36 1.34 0.00	76.48 0.83 0.00	69.83 0.76 0.00	58.87 0.98 0.00	50.45 0.75 0.00
COOPERNY_115KV_TB1 80082	45.30 1.36 0.00	40.27 1.36 0.00	37.69 1.20 0.00	35.89 1.11 0.00	35.62 1.10 0.00	34.70 1.11 0.00	35.36 1.23 0.00	36.10 1.12 0.00	38.91 1.21 0.00	43.74 1.07 0.00	47.09 1.01 0.00	49.15 1.06 0.00	50.97 1.00 0.00	53.95 1.06 0.00	58.05 1.02 -0.22	60.36 0.89 -0.18	69.83 1.10 -0.27	78.28 1.53 -0.10	79.82 1.72 0.00	80.60 1.58 0.00	76.56 0.91 0.00	69.69 0.62 0.00	58.82 0.93 0.00	50.54 0.84 0.00
COPENHAGEN_WT_PWR 323753	45.78 1.84 0.00	40.66 1.75 0.00	38.17 1.68 0.00	36.16 1.39 0.00	36.14 1.62 0.00	35.17 1.58 0.00	35.53 1.40 0.00	36.52 1.54 0.00	39.17 1.47 0.00	44.17 1.49 0.00	47.97 1.89 0.00	49.87 1.78 0.00	51.77 1.80 0.00	54.74 1.85 0.00	58.85 2.04 0.00	61.49 2.20 0.00	71.07 2.60 0.00	80.33 3.68 0.00	83.33 5.23 0.00	85.26 6.24 0.00	82.23 6.58 0.00	75.01 5.94 0.00	61.94 4.05 0.00	53.03 3.33 0.00
CORNELL_____ 23752	44.95 1.01 0.00	40.16 1.25 0.00	37.69 1.20 0.00	35.71 0.94 0.00	35.45 0.93 0.00	34.50 0.91 0.00	35.02 0.89 0.00	36.07 1.08 0.00	38.79 1.09 0.00	43.61 0.94 0.00	47.09 1.01 0.00	49.15 1.06 0.00	51.17 1.20 0.00	54.32 1.43 0.00	58.51 1.70 0.00	61.25 1.96 0.00	70.72 2.26 0.00	80.02 3.37 0.00	82.32 4.22 0.00	83.68 4.66 0.00	79.28 3.63 0.00	72.10 3.04 0.00	60.09 2.20 0.00	51.54 1.84 0.00

CORONA__69_KV_TB1 355595	47.45 3.51 0.00	42.26 3.35 0.00	39.37 2.88 0.00	37.21 2.43 0.00	36.96 2.45 0.00	36.04 2.45 0.00	36.73 2.59 0.00	37.29 2.31 0.00	40.64 2.94 0.00	45.92 3.24 0.00	48.57 2.49 0.00	50.26 2.16 0.00	51.78 1.95 0.14	54.62 2.06 0.33	58.70 2.05 0.15	61.12 1.72 -0.10	71.04 2.12 -0.45	78.39 2.76 1.02	79.28 2.73 1.55	79.26 2.37 2.13	75.02 1.44 2.07	68.62 1.11 1.55	58.51 1.45 0.83	51.00 1.44 0.14
CORTLAND__115KV_TB3 80093	44.51 0.57 0.00	39.73 0.82 0.00	37.29 0.80 0.00	35.40 0.63 0.00	35.14 0.62 0.00	34.19 0.60 0.00	34.71 0.58 0.00	35.72 0.73 0.00	38.42 0.72 0.00	43.23 0.55 0.00	46.68 0.60 0.00	48.77 0.67 0.00	50.77 0.80 0.00	53.84 0.95 0.00	57.94 1.14 0.00	60.60 1.30 0.00	69.97 1.51 0.00	78.95 2.30 0.00	81.07 2.97 0.00	82.25 3.24 0.00	78.00 2.35 0.00	71.00 1.93 0.00	59.28 1.39 0.00	50.89 1.19 0.00
COXSACKIE__GT 23611	45.78 1.84 0.00	40.78 1.87 0.00	38.31 1.82 0.00	36.48 1.70 0.00	36.27 1.76 0.00	35.20 1.61 0.00	35.36 1.23 0.00	36.00 1.02 0.00	38.49 0.79 0.00	42.76 0.09 0.00	45.90 -0.18 0.00	48.00 -0.10 0.00	50.19 0.30 0.08	51.73 0.27 1.43	53.96 -0.11 2.73	55.74 0.00 3.56	62.12 0.41 6.76	68.13 1.07 9.59	70.26 2.34 10.18	71.79 3.24 10.46	69.16 2.65 9.14	71.53 2.48 0.02	60.01 2.14 0.02	51.07 1.69 0.32
CPV_VALLEY__CC1 323721	45.38 1.45 0.00	40.31 1.40 0.00	37.77 1.28 0.00	35.96 1.18 0.00	35.69 1.17 0.00	34.76 1.18 0.00	35.46 1.33 0.00	36.10 1.12 0.00	38.98 1.28 0.00	43.74 1.07 0.00	47.05 0.97 0.00	49.06 0.96 0.00	50.92 0.95 0.00	53.79 0.90 0.00	57.83 0.74 -0.28	60.18 0.65 -0.23	69.70 0.89 -0.35	78.08 1.30 -0.13	79.51 1.41 0.00	80.20 1.19 0.00	76.11 0.46 0.00	69.34 0.28 0.00	58.64 0.75 0.00	50.45 0.75 0.00
CPV_VALLEY__CC2 323722	45.38 1.45 0.00	40.31 1.40 0.00	37.77 1.28 0.00	35.96 1.18 0.00	35.69 1.17 0.00	34.76 1.18 0.00	35.46 1.33 0.00	36.10 1.12 0.00	38.98 1.28 0.00	43.74 1.07 0.00	47.05 0.97 0.00	49.06 0.96 0.00	50.92 0.95 0.00	53.79 0.90 0.00	57.83 0.74 -0.28	60.18 0.65 -0.23	69.70 0.89 -0.35	78.08 1.30 -0.13	79.51 1.41 0.00	80.20 1.19 0.00	76.11 0.46 0.00	69.34 0.28 0.00	58.64 0.75 0.00	50.45 0.75 0.00
CRESCENT__HYD 24018	45.34 1.41 0.00	40.31 1.40 0.00	37.88 1.39 0.00	36.13 1.35 0.00	35.86 1.34 0.00	34.90 1.31 0.00	35.36 1.23 0.00	36.17 1.19 0.00	38.83 1.13 0.00	43.40 0.72 0.00	46.68 0.60 0.00	48.96 0.87 0.00	50.82 0.85 0.00	53.57 0.69 0.00	56.71 0.34 0.44	59.18 0.24 0.35	68.34 0.41 0.54	77.13 0.69 0.21	79.51 1.41 0.00	80.36 1.34 0.00	76.48 0.83 0.00	69.83 0.76 0.00	58.87 0.98 0.00	50.45 0.75 0.00
CRICKET__VALLEY_CC1 323756	45.38 1.45 0.00	40.35 1.44 0.00	37.80 1.31 0.00	35.99 1.22 0.00	35.72 1.21 0.00	34.80 1.21 0.00	35.50 1.37 0.00	36.07 1.09 0.00	38.91 1.21 0.00	43.57 0.90 0.00	46.77 0.69 0.00	48.82 0.72 0.00	50.67 0.70 0.00	53.42 0.53 0.00	52.15 0.23 4.89	55.48 0.12 3.93	62.62 0.21 6.06	74.86 0.54 2.32	78.80 0.70 0.00	79.49 0.48 0.00	75.42 -0.23 0.00	68.65 -0.41 0.00	58.24 0.35 0.00	50.00 0.30 0.00
CRICKET__VALLEY_CC2 323757	45.38 1.45 0.00	40.35 1.44 0.00	37.80 1.31 0.00	35.99 1.22 0.00	35.72 1.21 0.00	34.80 1.21 0.00	35.50 1.37 0.00	36.07 1.09 0.00	38.91 1.21 0.00	43.57 0.90 0.00	46.77 0.69 0.00	48.82 0.72 0.00	50.67 0.70 0.00	53.42 0.53 0.00	52.15 0.23 4.89	55.48 0.12 3.93	62.62 0.21 6.06	74.86 0.54 2.32	78.80 0.70 0.00	79.49 0.48 0.00	75.42 -0.23 0.00	68.65 -0.41 0.00	58.24 0.35 0.00	50.00 0.30 0.00
CRICKET__VALLEY_CC3 323758	45.38 1.45 0.00	40.35 1.44 0.00	37.80 1.31 0.00	35.99 1.22 0.00	35.72 1.21 0.00	34.80 1.21 0.00	35.50 1.37 0.00	36.07 1.09 0.00	38.91 1.21 0.00	43.57 0.90 0.00	46.77 0.69 0.00	48.82 0.72 0.00	50.67 0.70 0.00	53.42 0.53 0.00	52.15 0.23 4.89	55.48 0.12 3.93	62.62 0.21 6.06	74.86 0.54 2.32	78.80 0.70 0.00	79.49 0.48 0.00	75.42 -0.23 0.00	68.65 -0.41 0.00	58.24 0.35 0.00	50.00 0.30 0.00
CRUCIBLE__METL_DRP 24180	43.63 -0.31 0.00	38.91 0.00 0.00	36.53 0.04 0.00	34.70 -0.07 0.00	34.41 -0.10 0.00	33.45 -0.13 0.00	34.00 -0.14 0.00	34.95 -0.03 0.00	37.70 0.00 0.00	42.50 -0.17 0.00	45.94 -0.14 0.00	48.00 -0.10 0.00	49.92 -0.05 0.00	52.99 0.11 0.00	56.98 0.17 0.00	59.53 0.24 0.00	68.60 0.14 0.00	77.34 0.69 0.00	79.19 1.09 0.00	80.20 1.19 0.00	76.18 0.53 0.00	69.34 0.28 0.00	58.01 0.12 0.00	49.80 0.10 0.00
DAHOWA__HYDRO 323763	46.18 2.24 0.00	41.01 2.10 0.00	38.46 1.97 0.00	36.65 1.88 0.00	36.41 1.90 0.00	35.40 1.81 0.00	35.74 1.60 0.00	36.77 1.78 0.00	39.47 1.77 0.00	43.95 1.28 0.00	47.18 1.10 0.00	49.68 1.58 0.00	51.52 1.55 0.00	54.32 1.43 0.00	57.42 0.96 0.36	59.84 0.83 0.29	69.05 1.03 0.44	78.01 1.53 0.17	81.14 3.04 0.00	82.26 3.24 0.00	78.53 2.87 0.00	71.76 2.69 0.00	60.43 2.54 0.00	51.59 1.89 0.00
DANC__LFGE 323619	44.86 0.92 0.00	39.92 1.01 0.00	37.44 0.95 0.00	35.54 0.76 0.00	35.38 0.86 0.00	34.43 0.84 0.00	34.85 0.72 0.00	35.82 0.84 0.00	38.49 0.79 0.00	43.40 0.72 0.00	47.00 0.92 0.00	49.01 0.91 0.00	50.87 0.90 0.00	53.84 0.95 0.00	57.88 1.08 0.00	60.42 1.12 0.00	69.76 1.30 0.00	78.72 2.07 0.00	81.30 3.20 0.00	82.89 3.87 0.00	79.58 3.93 0.00	72.59 3.52 0.00	60.21 2.32 0.00	51.64 1.94 0.00
DANSKAMMER__1 23586	46.35 2.41 0.00	41.17 2.26 0.00	38.53 2.04 0.00	36.61 1.84 0.00	36.38 1.86 0.00	35.44 1.85 0.00	36.08 1.94 0.00	36.63 1.64 0.00	39.62 1.92 0.00	44.38 1.71 0.00	47.74 1.66 0.00	49.78 1.68 0.00	51.72 1.75 0.00	54.63 1.74 0.00	58.69 1.59 -0.29	61.07 1.54 -0.24	70.81 1.99 -0.36	79.39 2.61 -0.14	80.99 2.89 0.00	81.86 2.84 0.00	77.61 1.96 0.00	70.66 1.59 0.00	59.80 1.91 0.00	51.39 1.69 0.00
DANSKAMMER__2 23589	46.35 2.41 0.00	41.17 2.26 0.00	38.53 2.04 0.00	36.61 1.84 0.00	36.38 1.86 0.00	35.44 1.85 0.00	36.08 1.94 0.00	36.63 1.64 0.00	39.62 1.92 0.00	44.38 1.71 0.00	47.74 1.66 0.00	49.78 1.68 0.00	51.72 1.75 0.00	54.63 1.74 0.00	58.69 1.59 -0.29	61.07 1.54 -0.24	70.81 1.99 -0.36	79.39 2.61 -0.14	80.99 2.89 0.00	81.86 2.84 0.00	77.61 1.96 0.00	70.66 1.59 0.00	59.80 1.91 0.00	51.39 1.69 0.00
DANSKAMMER__3 23590	46.35 2.41 0.00	41.17 2.26 0.00	38.53 2.04 0.00	36.61 1.84 0.00	36.38 1.86 0.00	35.44 1.85 0.00	36.08 1.94 0.00	36.63 1.64 0.00	39.62 1.92 0.00	44.38 1.71 0.00	47.74 1.66 0.00	49.78 1.68 0.00	51.72 1.75 0.00	54.63 1.74 0.00	58.69 1.59 -0.29	61.07 1.54 -0.24	70.81 1.99 -0.36	79.39 2.61 -0.14	80.99 2.89 0.00	81.86 2.84 0.00	77.61 1.96 0.00	70.66 1.59 0.00	59.80 1.91 0.00	51.39 1.69 0.00

DANSKAMMER___4 23591	46.35 2.41 0.00	41.17 2.26 0.00	38.53 2.04 0.00	36.61 1.84 0.00	36.38 1.86 0.00	35.44 1.85 0.00	36.08 1.94 0.00	36.63 1.64 0.00	39.62 1.92 0.00	44.38 1.71 0.00	47.74 1.66 0.00	49.78 1.68 0.00	51.72 1.75 0.00	54.63 1.74 0.00	58.69 1.59 -0.29	61.07 1.54 -0.24	70.81 1.99 -0.36	79.39 2.61 -0.14	80.99 2.89 0.00	81.86 2.84 0.00	77.61 1.96 0.00	70.66 1.59 0.00	59.80 1.91 0.00	51.39 1.69 0.00
DANSKAMMER___DIESEL 23592	46.35 2.42 0.00	41.21 2.30 0.00	38.53 2.04 0.00	36.62 1.84 0.00	36.38 1.86 0.00	35.44 1.85 0.00	36.08 1.95 0.00	36.66 1.68 0.00	39.62 1.92 0.00	44.38 1.71 0.00	47.78 1.70 0.00	49.83 1.73 0.00	51.72 1.75 0.00	54.63 1.75 0.00	58.80 1.70 -0.29	61.07 1.54 -0.24	70.81 1.99 -0.36	79.39 2.61 -0.14	80.99 2.89 0.00	81.86 2.84 0.00	77.62 1.97 0.00	70.65 1.59 0.00	59.80 1.91 0.00	51.39 1.69 0.00
DARBY___SOLAR 323810	46.00 2.07 0.00	40.86 1.94 0.00	38.35 1.86 0.00	36.55 1.77 0.00	36.27 1.76 0.00	35.27 1.68 0.00	35.63 1.50 0.00	36.63 1.64 0.00	39.32 1.62 0.00	43.83 1.15 0.00	47.05 0.97 0.00	49.54 1.44 0.00	51.37 1.40 0.00	54.15 1.27 0.00	57.29 0.85 0.37	59.71 0.71 0.30	68.90 0.89 0.46	77.85 1.38 0.18	80.83 2.73 0.00	81.94 2.93 0.00	78.14 2.49 0.00	71.42 2.35 0.00	60.15 2.26 0.00	51.39 1.69 0.00
DASHVILLE___HYD 23610	45.91 1.98 0.00	40.82 1.91 0.00	38.17 1.68 0.00	36.34 1.56 0.00	36.07 1.55 0.00	35.10 1.51 0.00	35.70 1.57 0.00	36.21 1.22 0.00	39.02 1.32 0.00	43.78 1.11 0.00	47.09 1.01 0.00	49.06 0.96 0.00	51.35 1.40 0.02	54.02 1.48 0.34	57.78 1.42 0.45	59.85 1.25 0.69	68.81 1.71 1.37	76.66 2.22 2.21	78.14 2.50 2.45	79.02 2.53 2.52	75.11 1.66 2.20	70.30 1.24 0.01	59.33 1.45 0.01	51.06 1.44 0.08
DELAWARE___LFGE 323621	45.30 1.36 0.00	40.31 1.40 0.00	37.77 1.28 0.00	36.06 1.29 0.00	35.86 1.35 0.00	34.93 1.34 0.00	35.50 1.37 0.00	36.42 1.43 0.00	39.09 1.39 0.00	43.96 1.28 0.00	47.46 1.38 0.00	49.49 1.39 0.00	51.42 1.45 0.00	54.42 1.53 0.00	58.45 1.65 0.00	60.90 1.60 0.00	70.31 1.85 0.00	79.02 2.38 0.00	80.91 2.81 0.00	81.86 2.84 0.00	77.92 2.27 0.00	71.00 1.93 0.00	59.51 1.62 0.00	51.09 1.39 0.00
DERFIELD_115KV_TB7 355931	44.07 0.13 0.00	39.11 0.19 0.00	36.67 0.18 0.00	34.95 0.17 0.00	34.72 0.21 0.00	33.79 0.20 0.00	34.34 0.20 0.00	35.16 0.17 0.00	37.85 0.15 0.00	42.72 0.04 0.00	46.13 0.05 0.00	48.14 0.05 0.00	50.02 0.05 0.00	52.94 0.05 0.00	56.81 0.00 0.00	59.30 0.00 0.00	68.47 0.00 0.00	76.72 0.08 0.00	78.33 0.23 0.00	79.25 0.24 0.00	75.73 0.08 0.00	69.07 0.00 0.00	57.95 0.06 0.00	49.75 0.05 0.00
DOGLEVILLE___HYD 23807	43.45 -0.48 0.00	38.56 -0.35 0.00	36.16 -0.33 0.00	34.46 -0.31 0.00	34.24 -0.28 0.00	33.29 -0.30 0.00	33.79 -0.34 0.00	34.63 -0.35 0.00	37.32 -0.38 0.00	42.21 -0.47 0.00	45.62 -0.46 0.00	47.56 -0.53 0.00	49.47 -0.50 0.00	52.31 -0.58 0.00	56.13 -0.68 0.00	58.53 -0.77 0.00	67.51 -0.96 0.00	75.65 -1.00 0.00	77.40 -0.70 0.00	78.38 -0.63 0.00	75.05 -0.61 0.00	68.51 -0.55 0.00	57.43 -0.46 0.00	49.20 -0.50 0.00
DUNKIRK__115KV_TB_200 55889	43.63 -0.31 0.00	39.84 0.93 0.00	37.80 1.31 0.00	35.12 0.35 0.00	34.72 0.21 0.00	33.72 0.13 0.00	34.30 0.17 0.00	36.03 1.05 0.00	39.02 1.32 0.00	43.44 0.77 0.00	46.96 0.88 0.00	49.39 1.30 0.00	52.12 2.15 0.00	55.69 2.80 0.00	60.56 3.75 0.00	63.98 4.68 0.00	73.60 5.13 0.00	83.93 7.28 0.00	85.99 7.89 0.00	87.39 8.38 0.00	81.17 5.52 0.00	73.62 4.56 0.00	60.61 2.72 0.00	52.63 2.93 0.00
DUNKIRK___1 23563	43.63 -0.31 0.00	39.84 0.93 0.00	37.80 1.31 0.00	35.12 0.35 0.00	34.72 0.21 0.00	33.72 0.13 0.00	34.30 0.17 0.00	36.03 1.05 0.00	39.02 1.32 0.00	43.44 0.77 0.00	46.96 0.88 0.00	49.39 1.30 0.00	52.12 2.15 0.00	55.69 2.80 0.00	60.56 3.75 0.00	63.98 4.68 0.00	73.60 5.13 0.00	83.93 7.28 0.00	85.99 7.89 0.00	87.39 8.38 0.00	81.17 5.52 0.00	73.62 4.56 0.00	60.61 2.72 0.00	52.63 2.93 0.00
DUNKIRK___2 23564	43.63 -0.31 0.00	39.84 0.93 0.00	37.80 1.31 0.00	35.12 0.35 0.00	34.72 0.21 0.00	33.72 0.13 0.00	34.30 0.17 0.00	36.03 1.05 0.00	39.02 1.32 0.00	43.44 0.77 0.00	46.96 0.88 0.00	49.39 1.30 0.00	52.12 2.15 0.00	55.69 2.80 0.00	60.56 3.75 0.00	63.98 4.68 0.00	73.60 5.13 0.00	83.93 7.28 0.00	85.99 7.89 0.00	87.39 8.38 0.00	81.17 5.52 0.00	73.62 4.56 0.00	60.61 2.72 0.00	52.63 2.93 0.00
DUNKIRK___3 23565	43.45 -0.48 0.00	39.69 0.78 0.00	37.66 1.17 0.00	34.98 0.21 0.00	34.58 0.07 0.00	33.59 0.00 0.00	34.13 0.00 0.00	35.86 0.87 0.00	38.83 1.13 0.00	43.19 0.51 0.00	46.72 0.65 0.00	49.10 1.01 0.00	51.82 1.85 0.00	55.32 2.43 0.00	60.16 3.35 0.00	63.51 4.21 0.00	72.98 4.52 0.00	83.24 6.59 0.00	85.21 7.11 0.00	86.60 7.59 0.00	80.49 4.84 0.00	73.00 3.94 0.00	60.15 2.26 0.00	52.28 2.58 0.00
DUNKIRK___4 23566	43.45 -0.48 0.00	39.69 0.78 0.00	37.66 1.17 0.00	34.98 0.21 0.00	34.58 0.07 0.00	33.59 0.00 0.00	34.13 0.00 0.00	35.86 0.87 0.00	38.83 1.13 0.00	43.19 0.51 0.00	46.72 0.65 0.00	49.10 1.01 0.00	51.82 1.85 0.00	55.32 2.43 0.00	60.16 3.35 0.00	63.51 4.21 0.00	72.98 4.52 0.00	83.24 6.59 0.00	85.21 7.11 0.00	86.60 7.59 0.00	80.49 4.84 0.00	73.00 3.94 0.00	60.15 2.26 0.00	52.28 2.58 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.57 2.64 0.00	41.40 2.49 0.00	38.68 2.19 0.00	36.75 1.98 0.00	36.45 1.93 0.00	35.54 1.95 0.00	36.38 2.25 0.00	36.98 1.99 0.00	40.08 2.38 0.00	44.98 2.30 0.00	48.34 2.26 0.00	50.31 2.21 0.00	52.12 2.15 0.00	55.11 2.22 0.00	59.39 2.22 -0.37	61.49 1.90 -0.30	71.25 2.33 -0.46	79.81 2.99 -0.18	81.07 2.97 0.00	81.70 2.69 0.00	77.39 1.74 0.00	70.31 1.24 0.00	59.69 1.79 0.00	51.44 1.74 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	46.05 2.11 0.00	40.93 2.02 0.00	38.28 1.79 0.00	36.41 1.63 0.00	36.14 1.62 0.00	35.20 1.61 0.00	35.87 1.74 0.00	36.49 1.50 0.00	39.40 1.70 0.00	44.21 1.54 0.00	47.51 1.43 0.00	49.58 1.49 0.00	51.42 1.45 0.00	54.37 1.48 0.00	58.58 1.48 -0.29	60.78 1.25 -0.24	70.47 1.64 -0.36	78.93 2.15 -0.14	80.52 2.42 0.00	81.31 2.29 0.00	77.09 1.44 0.00	70.17 1.11 0.00	59.40 1.51 0.00	51.09 1.39 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	47.11 3.16 -0.01	41.92 3.00 -0.01	39.05 2.55 -0.01	37.11 2.33 -0.01	36.77 2.24 -0.01	35.74 2.15 0.00	36.42 2.29 0.00	36.80 1.82 0.00	39.92 2.22 0.00	44.60 1.92 0.00	48.06 1.98 0.00	49.87 1.78 0.00	51.72 1.75 0.00	54.74 1.85 0.00	58.99 1.82 -0.37	61.07 1.48 -0.29	70.76 1.85 -0.45	79.27 2.45 -0.17	80.51 2.42 0.01	81.06 2.05 0.01	76.85 1.21 0.01	69.89 0.83 0.01	59.40 1.51 0.00	51.75 2.04 -0.01

E179THST_13_KV_LOAD 356214	47.37 3.43 -0.01	42.15 3.23 -0.01	39.27 2.77 -0.01	37.32 2.54 -0.01	36.97 2.45 -0.01	35.94 2.35 0.00	36.62 2.49 0.00	37.01 2.03 0.00	40.15 2.45 0.00	44.85 2.18 0.00	48.34 2.26 0.00	50.16 2.07 0.00	52.07 2.10 0.00	55.11 2.22 0.00	59.39 2.22 -0.37	61.49 1.90 -0.29	71.31 2.40 -0.45	79.88 3.07 -0.17	81.14 3.05 0.01	81.69 2.69 0.01	77.38 1.74 0.01	70.37 1.31 0.01	59.80 1.91 0.00	52.09 2.39 -0.01
EAST HAMPTON___GT 23717	48.86 4.92 0.00	43.62 4.71 0.00	40.68 4.19 0.00	38.32 3.55 0.00	38.21 3.69 0.00	37.25 3.66 0.00	37.72 3.58 0.00	38.10 3.11 0.00	42.15 4.45 0.00	48.05 5.38 0.00	50.32 4.24 0.00	51.85 3.75 0.00	52.34 3.70 1.33	53.40 3.81 3.30	55.70 3.92 5.02	61.31 4.15 2.14	72.56 5.00 0.90	70.21 5.98 12.41	67.88 5.47 15.68	61.66 4.18 21.54	57.49 2.72 20.88	55.58 2.28 15.76	51.55 2.03 8.37	50.51 2.14 1.33
EAST RIVER___6 23660	46.84 2.90 0.00	41.56 2.65 0.00	38.83 2.34 0.00	36.89 2.12 0.00	36.58 2.07 0.00	35.67 2.08 0.00	36.52 2.39 0.00	37.08 2.10 0.00	40.26 2.56 0.00	45.11 2.43 0.00	48.43 2.35 0.00	50.40 2.31 0.00	52.22 2.25 0.00	55.16 2.27 0.00	59.22 2.04 -0.37	61.55 1.95 -0.30	71.25 2.33 -0.46	79.73 2.91 -0.18	81.07 2.97 0.00	81.54 2.53 0.00	77.31 1.66 0.00	70.31 1.24 0.00	59.80 1.91 0.00	51.74 2.04 0.00
EAST RIVER___7 23524	46.84 2.90 0.00	41.56 2.65 0.00	38.83 2.34 0.00	36.89 2.12 0.00	36.58 2.07 0.00	35.67 2.08 0.00	36.52 2.39 0.00	37.08 2.10 0.00	40.26 2.56 0.00	45.11 2.43 0.00	48.43 2.35 0.00	50.40 2.31 0.00	52.22 2.25 0.00	55.16 2.27 0.00	59.22 2.04 -0.37	61.55 1.95 -0.30	71.25 2.33 -0.46	79.73 2.91 -0.18	81.07 2.97 0.00	81.54 2.53 0.00	77.31 1.66 0.00	70.31 1.24 0.00	59.80 1.91 0.00	51.74 2.04 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.40 2.46 0.00	41.25 2.33 0.00	38.53 2.04 0.00	36.62 1.84 0.00	36.34 1.83 0.00	35.44 1.85 0.00	36.25 2.12 0.00	36.84 1.85 0.00	39.89 2.19 0.00	44.77 2.09 0.00	48.06 1.98 0.00	50.11 2.02 0.00	51.87 1.90 0.00	54.84 1.96 0.00	59.16 1.99 -0.37	61.26 1.66 -0.30	70.98 2.05 -0.46	79.51 2.68 -0.18	80.83 2.73 0.00	81.39 2.37 0.00	77.09 1.44 0.00	70.10 1.04 0.00	59.45 1.56 0.00	51.24 1.54 0.00
EAST_HAMPTON___DIESEL 23722	48.86 4.92 0.00	43.62 4.71 0.00	40.68 4.19 0.00	38.32 3.55 0.00	38.21 3.69 0.00	37.25 3.66 0.00	37.72 3.58 0.00	38.10 3.11 0.00	42.15 4.45 0.00	48.05 5.38 0.00	50.32 4.24 0.00	51.85 3.75 0.00	52.34 3.70 1.33	53.34 3.76 3.30	55.70 3.92 5.02	61.25 4.09 2.14	72.50 4.93 0.90	70.21 5.98 12.41	67.80 5.38 15.68	61.58 4.11 21.54	57.41 2.65 20.88	55.51 2.21 15.76	51.49 1.97 8.37	50.46 2.09 1.33
EAST_POINT___SOLAR 323840	48.15 4.22 0.00	42.73 3.82 0.00	40.03 3.54 0.00	38.08 3.31 0.00	37.83 3.31 0.00	36.81 3.22 0.00	36.96 2.83 0.00	38.17 3.18 0.00	40.75 3.05 0.00	45.37 2.69 0.00	48.84 2.76 0.00	51.37 3.27 0.00	53.17 3.20 0.00	56.32 3.44 0.00	59.09 2.50 0.21	61.44 2.31 0.17	71.01 2.81 0.26	79.69 3.14 0.10	83.41 5.31 0.00	86.84 7.82 0.00	83.59 7.94 0.00	76.38 7.32 0.00	63.91 6.02 0.00	54.52 4.82 0.00
EAST_PULASKI___ESR 323781	43.98 0.04 0.00	39.19 0.27 0.00	36.78 0.29 0.00	34.91 0.14 0.00	34.69 0.17 0.00	33.76 0.17 0.00	34.23 0.10 0.00	35.20 0.21 0.00	37.85 0.15 0.00	42.68 0.00 0.00	46.17 0.09 0.00	48.14 0.05 0.00	50.07 0.10 0.00	53.05 0.16 0.00	56.86 0.06 0.00	59.36 0.06 0.00	68.47 0.00 0.00	77.19 0.54 0.00	79.27 1.17 0.00	80.51 1.50 0.00	76.94 1.28 0.00	70.17 1.10 0.00	58.47 0.58 0.00	50.34 0.64 0.00
EAST_RIVER___1 323558	46.84 2.90 0.00	41.59 2.68 0.00	38.83 2.34 0.00	36.89 2.12 0.00	36.58 2.07 0.00	35.67 2.08 0.00	36.52 2.39 0.00	37.12 2.13 0.00	40.30 2.60 0.00	45.15 2.47 0.00	48.47 2.39 0.00	50.50 2.40 0.00	52.27 2.30 0.00	55.27 2.38 0.00	59.28 2.10 -0.37	61.55 1.95 -0.30	71.32 2.40 -0.46	79.89 3.07 -0.18	81.14 3.04 0.00	81.70 2.69 0.00	77.46 1.81 0.00	70.37 1.31 0.00	59.86 1.97 0.00	51.74 2.04 0.00
EAST_RIVER___2 323559	46.84 2.90 0.00	41.56 2.65 0.00	38.83 2.34 0.00	36.89 2.12 0.00	36.58 2.07 0.00	35.67 2.08 0.00	36.52 2.39 0.00	37.08 2.10 0.00	40.26 2.56 0.00	45.11 2.43 0.00	48.43 2.35 0.00	50.40 2.31 0.00	52.22 2.25 0.00	55.16 2.27 0.00	59.22 2.04 -0.37	61.55 1.95 -0.30	71.25 2.33 -0.46	79.73 2.91 -0.18	81.07 2.97 0.00	81.54 2.53 0.00	77.31 1.66 0.00	70.31 1.24 0.00	59.80 1.91 0.00	51.74 2.04 0.00
EAST___DELAWARE_HYD 23607	45.87 1.93 0.00	40.70 1.79 0.00	38.06 1.57 0.00	36.16 1.39 0.00	35.93 1.42 0.00	35.00 1.41 0.00	35.63 1.50 0.00	36.21 1.22 0.00	39.13 1.43 0.00	43.91 1.24 0.00	47.28 1.20 0.00	49.30 1.20 0.00	51.16 1.20 0.01	54.04 1.27 0.11	57.97 1.14 -0.03	60.34 1.12 0.08	69.82 1.58 0.22	78.16 2.14 0.63	79.81 2.50 0.79	80.80 2.60 0.81	76.75 1.81 0.71	70.52 1.45 0.00	59.45 1.56 0.00	51.02 1.34 0.03
EIGHT_POINT___WT_PWR 323820	44.20 0.27 0.00	40.23 1.32 0.00	37.73 1.24 0.00	35.29 0.52 0.00	34.89 0.38 0.00	33.96 0.37 0.00	34.47 0.34 0.00	35.96 0.98 0.00	38.83 1.13 0.00	43.27 0.60 0.00	46.68 0.60 0.00	48.82 0.72 0.00	51.02 1.05 0.00	54.58 1.69 0.00	59.65 2.84 0.00	62.26 2.96 0.00	71.68 3.22 0.00	81.78 5.14 0.00	84.42 6.32 0.00	86.36 7.35 0.00	81.02 5.37 0.00	73.55 4.49 0.00	60.73 2.84 0.00	52.53 2.83 0.00
ELBRIDGE_115KV_TB2 80188	43.63 -0.31 0.00	38.95 0.04 0.00	36.56 0.07 0.00	34.70 -0.07 0.00	34.41 -0.10 0.00	33.45 -0.13 0.00	34.00 -0.14 0.00	34.98 0.00 0.00	37.70 0.00 0.00	42.46 -0.21 0.00	45.90 -0.18 0.00	47.95 -0.14 0.00	49.87 -0.10 0.00	52.94 0.05 0.00	56.98 0.17 0.00	59.53 0.24 0.00	68.67 0.21 0.00	77.41 0.77 0.00	79.27 1.17 0.00	80.36 1.34 0.00	76.26 0.61 0.00	69.41 0.35 0.00	58.01 0.12 0.00	49.85 0.15 0.00
ELEC_TRO_TEK 24086	47.10 3.16 0.00	41.95 3.04 0.00	39.08 2.59 0.00	36.89 2.12 0.00	36.69 2.17 0.00	35.77 2.18 0.00	36.45 2.32 0.00	37.01 2.03 0.00	40.34 2.64 0.00	45.53 2.86 0.00	48.15 2.07 0.00	49.78 1.68 0.00	51.16 1.50 0.32	53.64 1.53 0.78	57.42 1.48 0.87	60.27 1.13 0.16	70.35 1.44 -0.45	76.00 1.99 2.64	76.38 1.95 3.67	75.55 1.58 5.04	71.52 0.76 4.89	65.82 0.41 3.66	56.85 0.93 1.96	50.43 1.04 0.32
ELLENBURG_WT_PWR 323604	44.02 0.09 0.00	38.64 -0.27 0.00	36.12 -0.36 0.00	34.39 -0.38 0.00	34.13 -0.38 0.00	33.19 -0.40 0.00	33.76 -0.37 0.00	34.74 -0.24 0.00	37.66 -0.04 0.00	43.19 0.51 0.00	46.86 0.78 0.00	48.53 0.43 0.00	50.17 0.20 0.00	53.05 0.16 0.00	57.09 0.29 0.00	59.66 0.36 0.00	68.88 0.41 0.00	76.57 -0.08 0.00	77.71 -0.39 0.00	78.78 -0.24 0.00	76.25 0.60 0.00	69.76 0.69 0.00	58.24 0.35 0.00	49.80 0.10 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	43.10 -0.83 0.00	39.46 0.54 0.00	37.44 0.95 0.00	34.77 0.00 0.00	34.34 -0.17 0.00	33.32 -0.27 0.00	33.86 -0.27 0.00	35.61 0.63 0.00	38.57 0.87 0.00	42.80 0.13 0.00	46.31 0.23 0.00	48.67 0.58 0.00	51.32 1.35 0.00	54.79 1.90 0.00	59.65 2.84 0.00	62.91 3.62 0.00	72.16 3.70 0.00	82.24 5.60 0.00	84.11 6.01 0.00	85.49 6.48 0.00	79.58 3.93 0.00	72.17 3.11 0.00	59.45 1.56 0.00	51.84 2.14 0.00
EMPIRE_CC_1 323656	44.47 0.53 0.00	39.61 0.70 0.00	37.29 0.80 0.00	35.64 0.87 0.00	35.38 0.86 0.00	34.43 0.84 0.00	34.95 0.82 0.00	35.51 0.53 0.00	38.08 0.38 0.00	42.59 -0.09 0.00	45.80 -0.27 0.00	47.95 -0.14 0.00	49.77 -0.20 0.00	52.46 -0.42 0.00	55.45 -0.80 0.56	57.84 -1.01 0.45	66.67 -1.10 0.70	75.31 -1.07 0.27	77.47 -0.63 0.00	78.22 -0.79 0.00	74.44 -1.21 0.00	67.89 -1.17 0.00	57.43 -0.47 0.00	49.30 -0.40 0.00
EMPIRE_CC_2 323658	44.47 0.53 0.00	39.61 0.70 0.00	37.29 0.80 0.00	35.64 0.87 0.00	35.38 0.86 0.00	34.43 0.84 0.00	34.95 0.82 0.00	35.51 0.53 0.00	38.08 0.38 0.00	42.59 -0.09 0.00	45.80 -0.27 0.00	47.95 -0.14 0.00	49.77 -0.20 0.00	52.46 -0.42 0.00	55.45 -0.80 0.56	57.84 -1.01 0.45	66.67 -1.10 0.70	75.31 -1.07 0.27	77.47 -0.63 0.00	78.22 -0.79 0.00	74.44 -1.21 0.00	67.89 -1.17 0.00	57.43 -0.47 0.00	49.30 -0.40 0.00
ENORWICH_115KV_TB1 80156	47.14 3.21 0.00	42.06 3.15 0.00	39.48 2.99 0.00	37.35 2.57 0.00	37.38 2.86 0.00	36.44 2.86 0.00	36.90 2.76 0.00	38.10 3.11 0.00	40.98 3.28 0.00	46.13 3.46 0.00	49.90 3.82 0.00	51.89 3.80 0.00	53.97 4.00 0.00	57.22 4.34 0.00	61.64 4.83 0.00	64.63 5.34 0.00	74.42 5.96 0.00	84.46 7.82 0.00	87.70 9.61 0.00	89.52 10.51 0.00	85.26 9.61 0.00	77.35 8.29 0.00	64.08 6.19 0.00	54.72 5.02 0.00
ERIE_ST__34_KV_TB1-2 80199	43.15 -0.79 0.00	39.42 0.51 0.00	37.37 0.88 0.00	34.70 -0.07 0.00	34.24 -0.28 0.00	33.29 -0.30 0.00	33.82 -0.31 0.00	35.61 0.63 0.00	38.57 0.87 0.00	42.93 0.26 0.00	46.45 0.37 0.00	48.86 0.77 0.00	51.57 1.60 0.00	55.06 2.17 0.00	59.93 3.12 0.00	63.39 4.09 0.00	72.78 4.31 0.00	83.08 6.44 0.00	84.97 6.87 0.00	86.28 7.27 0.00	80.11 4.46 0.00	72.59 3.52 0.00	59.80 1.91 0.00	51.89 2.19 0.00
ERIE_WT_PWR 323693	43.23 -0.70 0.00	39.88 0.97 0.00	37.51 1.02 0.00	34.84 0.07 0.00	34.41 -0.10 0.00	33.42 -0.17 0.00	33.89 -0.24 0.00	35.79 0.81 0.00	38.72 1.02 0.00	42.98 0.30 0.00	46.54 0.46 0.00	48.86 0.77 0.00	51.57 1.60 0.00	55.16 2.27 0.00	60.61 3.81 0.00	63.21 3.91 0.00	72.57 4.11 0.00	82.70 6.05 0.00	84.66 6.56 0.00	85.97 6.95 0.00	80.04 4.39 0.00	72.59 3.52 0.00	59.74 1.85 0.00	52.13 2.43 0.00
ESPRGFLD_115KV_TB1 80157	47.10 3.16 0.00	41.87 2.96 0.00	39.23 2.74 0.00	37.35 2.57 0.00	37.14 2.62 0.00	36.18 2.59 0.00	36.62 2.49 0.00	37.75 2.76 0.00	40.49 2.79 0.00	45.49 2.82 0.00	49.12 3.04 0.00	51.36 3.27 0.00	53.37 3.40 0.00	56.54 3.65 0.00	60.31 3.64 0.13	62.93 3.74 0.10	72.55 4.24 0.16	81.80 5.21 0.06	84.58 6.48 0.00	86.28 7.27 0.00	82.31 6.66 0.00	74.94 5.87 0.00	62.58 4.69 0.00	53.53 3.83 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	44.86 0.92 0.00	40.08 1.17 0.00	37.62 1.13 0.00	35.64 0.87 0.00	35.38 0.86 0.00	34.43 0.84 0.00	34.95 0.82 0.00	36.00 1.01 0.00	38.76 1.06 0.00	43.57 0.90 0.00	47.00 0.92 0.00	49.10 1.01 0.00	51.07 1.10 0.00	54.21 1.32 0.00	58.40 1.59 0.00	61.14 1.84 0.00	70.59 2.12 0.00	79.87 3.22 0.00	82.08 3.98 0.00	83.44 4.42 0.00	79.06 3.40 0.00	71.90 2.83 0.00	59.97 2.08 0.00	51.44 1.74 0.00
ETNA____115KV_TB2 80207	44.86 0.92 0.00	40.08 1.17 0.00	37.62 1.13 0.00	35.64 0.87 0.00	35.38 0.86 0.00	34.43 0.84 0.00	34.95 0.82 0.00	36.00 1.01 0.00	38.76 1.06 0.00	43.57 0.90 0.00	47.00 0.92 0.00	49.10 1.01 0.00	51.07 1.10 0.00	54.21 1.32 0.00	58.40 1.59 0.00	61.14 1.84 0.00	70.59 2.12 0.00	79.87 3.22 0.00	82.08 3.98 0.00	83.44 4.42 0.00	79.06 3.40 0.00	71.90 2.83 0.00	59.97 2.08 0.00	51.44 1.74 0.00
EUCLID__115KV_TB2 356179	43.37 -0.57 0.00	38.68 -0.23 0.00	36.34 -0.15 0.00	34.53 -0.24 0.00	34.24 -0.28 0.00	33.29 -0.30 0.00	33.82 -0.31 0.00	34.77 -0.21 0.00	37.44 -0.26 0.00	42.21 -0.47 0.00	45.57 -0.51 0.00	47.61 -0.48 0.00	49.57 -0.40 0.00	52.57 -0.32 0.00	56.58 -0.23 0.00	59.12 -0.18 0.00	68.12 -0.34 0.00	76.72 0.08 0.00	78.57 0.47 0.00	79.49 0.47 0.00	75.58 -0.08 0.00	68.86 -0.21 0.00	57.54 -0.35 0.00	49.40 -0.30 0.00
E_CANADA_CAP_HY 24051	47.89 3.96 0.00	42.53 3.62 0.00	39.84 3.35 0.00	37.94 3.16 0.00	37.69 3.17 0.00	36.68 3.09 0.00	36.96 2.83 0.00	38.13 3.15 0.00	40.83 3.13 0.00	45.58 2.90 0.00	49.12 3.04 0.00	51.56 3.46 0.00	53.47 3.50 0.00	56.64 3.76 0.00	60.02 3.41 0.19	62.52 3.38 0.15	72.20 3.97 0.24	81.47 4.91 0.09	84.82 6.72 0.00	86.92 7.90 0.00	83.14 7.49 0.00	75.90 6.84 0.00	63.50 5.61 0.00	54.22 4.52 0.00
E_CANADA_MHWK_HY 24050	43.45 -0.48 0.00	38.52 -0.39 0.00	36.16 -0.33 0.00	34.46 -0.31 0.00	34.24 -0.28 0.00	33.29 -0.30 0.00	33.79 -0.34 0.00	34.63 -0.35 0.00	37.32 -0.38 0.00	42.21 -0.47 0.00	45.62 -0.46 0.00	47.57 -0.53 0.00	49.47 -0.50 0.00	52.31 -0.58 0.00	56.13 -0.68 0.00	58.53 -0.77 0.00	67.51 -0.96 0.00	75.65 -1.00 0.00	77.39 -0.70 0.00	78.38 -0.63 0.00	75.04 -0.61 0.00	68.51 -0.55 0.00	57.43 -0.47 0.00	49.20 -0.50 0.00
E_FISHKILL__LBMP 23776	45.78 1.85 0.00	40.74 1.83 0.00	38.06 1.57 0.00	36.27 1.50 0.00	35.96 1.45 0.00	35.07 1.48 0.00	35.77 1.64 0.00	36.42 1.43 0.00	39.32 1.62 0.00	44.08 1.41 0.00	47.37 1.29 0.00	49.39 1.30 0.00	51.22 1.25 0.00	54.10 1.22 0.00	58.33 1.14 -0.38	60.49 0.89 -0.31	70.03 1.10 -0.47	78.36 1.53 -0.18	79.82 1.72 0.00	80.44 1.42 0.00	76.33 0.68 0.00	69.48 0.41 0.00	58.87 0.98 0.00	50.64 0.94 0.00
FALCON__SEABRD_CC1 323796	44.55 0.61 0.00	39.11 0.20 0.00	36.53 0.04 0.00	34.81 0.03 0.00	34.51 0.00 0.00	33.56 -0.03 0.00	34.13 0.00 0.00	35.16 0.18 0.00	38.12 0.42 0.00	43.74 1.07 0.00	47.51 1.43 0.00	48.86 0.77 0.00	50.22 0.25 0.00	53.15 0.27 0.00	57.15 0.34 0.00	59.66 0.36 0.00	69.01 0.55 0.00	76.72 0.08 0.00	77.94 -0.16 0.00	79.01 0.00 0.00	76.48 0.83 0.00	69.90 0.83 0.00	58.30 0.41 0.00	49.90 0.20 0.00
FALCON__SEABRD_CC2 323797	44.55 0.61 0.00	39.11 0.20 0.00	36.53 0.04 0.00	34.81 0.03 0.00	34.51 0.00 0.00	33.56 -0.03 0.00	34.13 0.00 0.00	35.16 0.18 0.00	38.12 0.42 0.00	43.74 1.07 0.00	47.51 1.43 0.00	48.86 0.77 0.00	50.22 0.25 0.00	53.15 0.27 0.00	57.15 0.34 0.00	59.66 0.36 0.00	69.01 0.55 0.00	76.72 0.08 0.00	77.94 -0.16 0.00	79.01 0.00 0.00	76.48 0.83 0.00	69.90 0.83 0.00	58.30 0.41 0.00	49.90 0.20 0.00

FAR ROCKAWAY___4 23548	47.93 4.00 0.00	42.65 3.74 0.00	39.74 3.25 0.00	37.52 2.75 0.00	37.27 2.76 0.00	36.34 2.75 0.00	37.03 2.90 0.00	37.57 2.59 0.00	41.02 3.32 0.00	46.39 3.71 0.00	49.03 2.95 0.00	50.79 2.69 0.00	52.33 2.50 0.14	55.13 2.59 0.35	59.30 2.67 0.18	61.88 2.49 -0.09	71.93 3.01 -0.45	79.33 3.76 1.07	80.30 3.83 1.62	80.18 3.40 2.23	75.91 2.42 2.16	69.38 1.93 1.62	59.10 2.08 0.87	51.54 1.99 0.14
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.84 2.90 0.00	41.63 2.72 0.00	38.82 2.34 0.00	36.93 2.16 0.00	36.58 2.07 0.00	35.71 2.12 0.00	36.52 2.39 0.00	37.15 2.17 0.00	40.34 2.64 0.00	45.19 2.52 0.00	48.52 2.44 0.00	50.55 2.45 0.00	52.32 2.35 0.00	55.32 2.43 0.00	59.51 2.33 -0.37	61.55 1.96 -0.30	71.32 2.40 -0.46	79.89 3.07 -0.18	81.14 3.05 0.00	81.70 2.69 0.00	77.39 1.74 0.00	70.38 1.31 0.00	59.86 1.97 0.00	51.74 2.04 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.88 2.94 0.00	41.67 2.76 0.00	38.86 2.37 0.00	36.93 2.16 0.00	36.62 2.11 0.00	35.71 2.12 0.00	36.52 2.39 0.00	37.15 2.17 0.00	40.34 2.64 0.00	45.19 2.52 0.00	48.52 2.44 0.00	50.55 2.45 0.00	52.32 2.35 0.00	55.32 2.43 0.00	59.56 2.39 -0.37	61.55 1.96 -0.30	71.32 2.40 -0.46	79.89 3.07 -0.18	81.14 3.05 0.00	81.70 2.69 0.00	77.47 1.82 0.00	70.38 1.31 0.00	59.86 1.97 0.00	51.79 2.09 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.79 2.86 0.00	41.63 2.72 0.00	38.82 2.34 0.00	36.89 2.12 0.00	36.58 2.07 0.00	35.67 2.08 0.00	36.52 2.39 0.00	37.15 2.17 0.00	40.30 2.60 0.00	45.15 2.48 0.00	48.48 2.40 0.00	50.50 2.40 0.00	52.27 2.30 0.00	55.21 2.33 0.00	59.45 2.27 -0.37	61.49 1.90 -0.30	71.25 2.33 -0.46	79.74 2.91 -0.18	81.07 2.97 0.00	81.62 2.61 0.00	77.32 1.66 0.00	70.31 1.24 0.00	59.80 1.91 0.00	51.69 1.99 0.00
FARRAGUT___LBMP 323566	46.79 2.86 0.00	41.60 2.68 0.00	38.79 2.30 0.00	36.86 2.09 0.00	36.55 2.04 0.00	35.64 2.05 0.00	36.49 2.36 0.00	37.12 2.13 0.00	40.26 2.56 0.00	45.11 2.43 0.00	48.43 2.35 0.00	50.45 2.36 0.00	52.22 2.25 0.00	55.21 2.33 0.00	59.39 2.22 -0.37	61.43 1.84 -0.30	71.18 2.26 -0.46	79.66 2.84 -0.18	80.99 2.89 0.00	81.54 2.53 0.00	77.24 1.59 0.00	70.24 1.17 0.00	59.74 1.85 0.00	51.69 1.99 0.00
FENNER___WINDPWR 24204	44.86 0.92 0.00	39.92 1.01 0.00	37.47 0.99 0.00	35.61 0.83 0.00	35.38 0.86 0.00	34.43 0.84 0.00	34.92 0.79 0.00	35.89 0.91 0.00	38.60 0.90 0.00	43.57 0.90 0.00	47.09 1.01 0.00	49.15 1.06 0.00	51.12 1.15 0.00	54.21 1.32 0.00	58.34 1.53 0.00	60.90 1.60 0.00	70.31 1.85 0.00	79.17 2.53 0.00	81.30 3.20 0.00	82.49 3.47 0.00	78.68 3.03 0.00	71.62 2.56 0.00	59.74 1.85 0.00	51.24 1.54 0.00
FIBERTEK___ENERGY 23856	43.63 -0.31 0.00	38.91 0.00 0.00	36.53 0.04 0.00	34.70 -0.07 0.00	34.41 -0.10 0.00	33.45 -0.13 0.00	34.00 -0.14 0.00	34.95 -0.03 0.00	37.70 0.00 0.00	42.50 -0.17 0.00	45.94 -0.14 0.00	48.00 -0.10 0.00	49.92 -0.05 0.00	52.99 0.11 0.00	56.98 0.17 0.00	59.53 0.24 0.00	68.60 0.14 0.00	77.34 0.69 0.00	79.19 1.09 0.00	80.20 1.19 0.00	76.18 0.53 0.00	69.34 0.28 0.00	58.01 0.12 0.00	49.80 0.10 0.00
FITZPATRICK___ 23598	42.75 -1.18 0.00	38.09 -0.82 0.00	35.72 -0.77 0.00	33.97 -0.80 0.00	33.69 -0.83 0.00	32.78 -0.81 0.00	33.28 -0.85 0.00	34.21 -0.77 0.00	36.83 -0.87 0.00	41.52 -1.15 0.00	44.88 -1.20 0.00	46.84 -1.25 0.00	48.77 -1.20 0.00	51.72 -1.16 0.00	55.67 -1.14 0.00	58.05 -1.25 0.00	66.96 -1.51 0.00	75.27 -1.38 0.00	77.01 -1.09 0.00	77.91 -1.11 0.00	74.21 -1.44 0.00	67.61 -1.45 0.00	56.56 -1.33 0.00	48.61 -1.09 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.44 2.50 0.00	41.28 2.37 0.00	38.61 2.12 0.00	36.69 1.91 0.00	36.45 1.93 0.00	35.50 1.91 0.00	36.15 2.01 0.00	36.73 1.75 0.00	39.66 1.96 0.00	44.47 1.79 0.00	47.83 1.75 0.00	49.92 1.83 0.00	51.77 1.80 0.00	54.74 1.85 0.00	58.92 1.82 -0.30	61.20 1.66 -0.24	70.96 2.12 -0.37	79.47 2.68 -0.14	81.14 3.05 0.00	82.02 3.00 0.00	77.77 2.12 0.00	70.86 1.80 0.00	59.92 2.03 0.00	51.49 1.79 0.00
FORT ORANGE___ 23900	44.11 0.18 0.00	39.50 0.58 0.00	37.15 0.66 0.00	35.47 0.70 0.00	35.24 0.73 0.00	34.26 0.67 0.00	34.71 0.58 0.00	35.44 0.45 0.00	37.97 0.27 0.00	42.17 -0.51 0.00	45.30 -0.78 0.00	47.37 -0.72 0.00	49.26 -0.70 0.01	51.81 -0.85 0.23	54.70 -1.42 0.69	56.98 -1.54 0.77	65.42 -1.64 1.40	73.37 -1.61 1.66	75.45 -1.02 1.63	76.31 -1.03 1.68	72.74 -1.44 1.47	67.75 -1.31 0.00	57.31 -0.58 0.00	49.05 -0.59 0.05
FORT_DRUM_COGEN 23780	45.96 2.02 0.00	40.78 1.87 0.00	38.31 1.82 0.00	36.30 1.53 0.00	36.27 1.76 0.00	35.30 1.71 0.00	35.63 1.50 0.00	36.63 1.64 0.00	39.28 1.58 0.00	44.34 1.66 0.00	48.15 2.07 0.00	50.07 1.97 0.00	51.92 1.95 0.00	54.90 2.01 0.00	58.97 2.16 0.00	61.73 2.43 0.00	71.34 2.88 0.00	80.63 3.99 0.00	83.80 5.70 0.00	85.73 6.72 0.00	82.84 7.19 0.00	75.49 6.42 0.00	62.29 4.40 0.00	53.33 3.63 0.00
FOX_HILLS___ESR 323835	47.14 3.21 0.00	41.87 2.96 0.00	38.93 2.44 0.00	36.96 2.19 0.00	36.58 2.07 0.00	35.50 1.91 0.00	36.21 2.08 0.00	36.63 1.64 0.00	39.81 2.11 0.00	44.55 1.88 0.00	48.02 1.94 0.00	49.78 1.68 0.00	51.52 1.55 0.00	52.02 1.59 2.46	52.24 1.53 6.10	53.96 1.48 6.82	60.60 1.85 9.71	64.42 2.45 14.68	60.49 2.34 19.95	55.04 1.98 25.95	54.38 1.13 22.41	54.70 0.76 15.13	52.88 1.10 6.11	51.49 1.79 0.00
FPL_FAR_ROCK_GT1 24212	47.93 4.00 0.00	42.61 3.70 0.00	39.74 3.25 0.00	37.52 2.75 0.00	37.28 2.76 0.00	36.34 2.75 0.00	37.03 2.90 0.00	37.47 2.48 0.00	41.02 3.32 0.00	46.39 3.71 0.00	48.94 2.86 0.00	50.59 2.50 0.00	52.33 2.50 0.14	55.08 2.54 0.35	59.12 2.50 0.18	61.88 2.49 -0.09	71.93 3.01 -0.45	79.40 3.83 1.07	80.30 3.83 1.62	80.18 3.40 2.23	75.91 2.42 2.16	69.37 1.93 1.62	59.16 2.14 0.87	51.55 1.99 0.14
FPL_FAR_ROCK_GT2 23815	47.93 4.00 0.00	42.61 3.70 0.00	39.74 3.25 0.00	37.52 2.75 0.00	37.28 2.76 0.00	36.34 2.75 0.00	37.03 2.90 0.00	37.47 2.48 0.00	41.02 3.32 0.00	46.39 3.71 0.00	48.94 2.86 0.00	50.59 2.50 0.00	52.33 2.50 0.14	55.08 2.54 0.35	59.12 2.50 0.18	61.88 2.49 -0.09	71.93 3.01 -0.45	79.40 3.83 1.07	80.30 3.83 1.62	80.18 3.40 2.23	75.91 2.42 2.16	69.37 1.93 1.62	59.16 2.14 0.87	51.55 1.99 0.14
FRANKLIN_FALL_HYD 24054	44.60 0.66 0.00	39.11 0.19 0.00	36.53 0.04 0.00	34.81 0.03 0.00	34.55 0.03 0.00	33.59 0.00 0.00	34.17 0.03 0.00	35.23 0.24 0.00	38.15 0.45 0.00	43.87 1.19 0.00	47.65 1.57 0.00	49.30 1.20 0.00	51.07 1.10 0.00	54.00 1.11 0.00	58.11 1.31 0.00	60.60 1.30 0.00	70.11 1.64 0.00	78.03 1.38 0.00	79.43 1.33 0.00	80.67 1.66 0.00	78.15 2.50 0.00	71.41 2.35 0.00	59.45 1.56 0.00	50.79 1.09 0.00



FREEPORT_EQUS_GT1 23764	47.49 3.56 0.00	42.22 3.31 0.00	39.37 2.88 0.00	37.17 2.40 0.00	36.93 2.42 0.00	36.01 2.42 0.00	36.69 2.56 0.00	37.12 2.13 0.00	40.64 2.94 0.00	45.92 3.24 0.00	48.34 2.26 0.00	49.92 1.83 0.00	50.98 1.75 0.74	52.86 1.80 1.82	55.69 1.42 2.54	59.89 1.36 0.77	70.63 1.71 -0.45	72.47 2.30 6.47	71.72 2.27 8.64	69.02 1.89 11.89	65.18 1.06 11.53	61.32 0.90 8.64	54.60 1.33 4.62	50.25 1.29 0.74
FREEPORT___CT2 23818	47.49 3.56 0.00	42.22 3.31 0.00	39.37 2.88 0.00	37.17 2.40 0.00	36.93 2.42 0.00	36.01 2.42 0.00	36.69 2.56 0.00	37.12 2.13 0.00	40.64 2.94 0.00	45.92 3.24 0.00	48.34 2.26 0.00	49.92 1.83 0.00	50.98 1.75 0.74	52.86 1.80 1.82	55.69 1.42 2.54	59.89 1.36 0.77	70.63 1.71 -0.45	72.47 2.30 6.47	71.72 2.27 8.64	69.02 1.89 11.89	65.18 1.06 11.53	61.32 0.90 8.64	54.60 1.33 4.62	50.25 1.29 0.74
FRESHKLS_33_KV_LOAD 356253	47.23 3.30 0.00	41.95 3.04 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.54 1.95 0.00	36.25 2.12 0.00	36.63 1.64 0.00	39.81 2.11 0.00	44.60 1.92 0.00	48.02 1.94 0.00	49.73 1.64 0.00	51.42 1.45 0.00	51.96 1.53 2.46	52.18 1.48 6.10	53.90 1.42 6.82	60.52 1.78 9.73	64.41 2.45 14.69	60.48 2.34 19.96	55.03 1.98 25.96	54.36 1.13 22.42	54.61 0.69 15.14	52.80 1.04 6.13	51.49 1.79 0.00
FULTON COGEN____ 23766	43.41 -0.53 0.00	38.68 -0.23 0.00	36.34 -0.15 0.00	34.49 -0.28 0.00	34.24 -0.28 0.00	33.29 -0.30 0.00	33.79 -0.34 0.00	34.74 -0.24 0.00	37.44 -0.26 0.00	42.21 -0.47 0.00	45.57 -0.51 0.00	47.66 -0.43 0.00	49.57 -0.40 0.00	52.57 -0.32 0.00	56.41 -0.40 0.00	58.94 -0.36 0.00	67.99 -0.48 0.00	76.49 -0.15 0.00	78.41 0.31 0.00	79.41 0.40 0.00	75.50 -0.15 0.00	68.79 -0.28 0.00	57.49 -0.41 0.00	49.45 -0.25 0.00
FULTON___LFGE 323630	47.58 3.64 0.00	42.26 3.35 0.00	39.59 3.10 0.00	37.69 2.92 0.00	37.45 2.93 0.00	36.41 2.82 0.00	36.69 2.56 0.00	37.89 2.90 0.00	40.56 2.86 0.00	45.24 2.56 0.00	48.70 2.63 0.00	51.22 3.12 0.00	53.12 3.15 0.00	56.22 3.33 0.00	59.54 2.95 0.22	62.03 2.90 0.17	71.55 3.35 0.27	80.83 4.29 0.10	84.19 6.10 0.00	86.13 7.11 0.00	82.31 6.66 0.00	75.14 6.08 0.00	62.99 5.10 0.00	53.78 4.08 0.00
G.F.CEMENT___DRP 24184	46.40 2.46 0.00	41.25 2.33 0.00	38.64 2.15 0.00	36.79 2.02 0.00	36.55 2.04 0.00	35.54 1.95 0.00	35.77 1.64 0.00	36.94 1.96 0.00	39.70 2.00 0.00	44.13 1.45 0.00	47.28 1.20 0.00	49.97 1.88 0.00	51.72 1.75 0.00	54.58 1.69 0.00	57.61 1.14 0.33	60.04 1.01 0.27	69.22 1.16 0.41	78.25 1.76 0.16	81.85 3.75 0.00	82.97 3.95 0.00	79.28 3.63 0.00	72.45 3.38 0.00	60.96 3.07 0.00	51.99 2.29 0.00
GARDENVILLE___LBMP 24039	43.15 -0.79 0.00	39.49 0.58 0.00	37.44 0.95 0.00	34.81 0.03 0.00	34.38 -0.14 0.00	33.35 -0.24 0.00	33.89 -0.24 0.00	35.65 0.66 0.00	38.57 0.87 0.00	42.89 0.21 0.00	46.36 0.28 0.00	48.72 0.63 0.00	51.42 1.45 0.00	54.90 2.01 0.00	59.70 2.90 0.00	63.03 3.74 0.00	72.30 3.83 0.00	82.40 5.75 0.00	84.35 6.25 0.00	85.73 6.72 0.00	79.74 4.09 0.00	72.38 3.32 0.00	59.63 1.74 0.00	51.94 2.24 0.00
GARDNVLA_35_KV_LD 355827	43.32 -0.62 0.00	39.61 0.70 0.00	37.58 1.09 0.00	34.91 0.14 0.00	34.44 -0.07 0.00	33.45 -0.13 0.00	34.00 -0.14 0.00	35.75 0.77 0.00	38.76 1.06 0.00	43.10 0.43 0.00	46.63 0.55 0.00	49.01 0.91 0.00	51.72 1.75 0.00	55.21 2.33 0.00	60.10 3.29 0.00	63.45 4.15 0.00	72.78 4.31 0.00	83.01 6.36 0.00	84.89 6.79 0.00	86.21 7.19 0.00	80.19 4.54 0.00	72.73 3.66 0.00	59.92 2.03 0.00	52.14 2.44 0.00
GELCKHM___115KV_LOAD 80723	43.45 -0.48 0.00	38.76 -0.16 0.00	36.38 -0.11 0.00	34.56 -0.21 0.00	34.27 -0.24 0.00	33.35 -0.24 0.00	33.86 -0.27 0.00	34.81 -0.17 0.00	37.51 -0.19 0.00	42.29 -0.38 0.00	45.71 -0.37 0.00	47.76 -0.34 0.00	49.72 -0.25 0.00	52.73 -0.16 0.00	56.69 -0.11 0.00	59.24 -0.06 0.00	68.33 -0.14 0.00	76.95 0.31 0.00	78.72 0.62 0.00	79.73 0.71 0.00	75.73 0.08 0.00	69.00 -0.07 0.00	57.66 -0.23 0.00	49.55 -0.15 0.00
GENERAL___MILLS 23808	43.23 -0.70 0.00	39.53 0.62 0.00	37.51 1.02 0.00	34.84 0.07 0.00	34.41 -0.10 0.00	33.42 -0.17 0.00	33.93 -0.20 0.00	35.72 0.73 0.00	38.64 0.94 0.00	42.97 0.30 0.00	46.49 0.41 0.00	48.86 0.77 0.00	51.57 1.60 0.00	55.06 2.17 0.00	59.93 3.12 0.00	63.21 3.91 0.00	72.50 4.04 0.00	82.70 6.06 0.00	84.58 6.48 0.00	85.97 6.95 0.00	79.96 4.31 0.00	72.52 3.45 0.00	59.74 1.85 0.00	52.04 2.34 0.00
GE_PLASTICS___DRP 24183	43.98 0.04 0.00	39.14 0.23 0.00	36.74 0.26 0.00	35.12 0.35 0.00	34.89 0.38 0.00	33.96 0.37 0.00	34.44 0.31 0.00	35.19 0.21 0.00	37.70 0.00 0.00	42.25 -0.43 0.00	45.43 -0.65 0.00	47.47 -0.63 0.00	49.08 -0.65 0.24	48.03 -0.79 4.06	48.10 -1.08 7.63	47.98 -1.30 10.01	47.98 -1.44 19.04	47.91 -1.53 27.21	47.98 -1.17 28.95	47.98 -1.26 29.77	47.98 -1.66 26.01	67.48 -1.52 0.06	56.96 -0.87 0.06	47.98 -0.80 0.92
GILBOA___1 23756	44.77 0.83 0.00	39.81 0.90 0.00	37.33 0.84 0.00	35.96 1.18 0.00	35.69 1.17 0.00	34.73 1.14 0.00	35.33 1.19 0.00	36.10 1.12 0.00	38.45 0.75 0.00	43.19 0.51 0.00	46.49 0.41 0.00	48.53 0.43 0.00	50.42 0.45 0.00	53.26 0.37 0.00	57.03 0.23 0.00	59.48 0.18 0.00	68.74 0.27 0.00	76.95 0.31 0.00	78.72 0.62 0.00	79.49 0.48 0.00	75.65 0.00 0.00	69.13 0.07 0.00	58.24 0.35 0.00	50.05 0.35 0.00
GILBOA___2 23757	44.77 0.83 0.00	39.81 0.90 0.00	37.33 0.84 0.00	35.96 1.18 0.00	35.69 1.17 0.00	34.73 1.14 0.00	35.33 1.19 0.00	36.10 1.12 0.00	38.45 0.75 0.00	43.19 0.51 0.00	46.49 0.41 0.00	48.53 0.43 0.00	50.42 0.45 0.00	53.26 0.37 0.00	57.03 0.23 0.00	59.48 0.18 0.00	68.74 0.27 0.00	76.95 0.31 0.00	78.72 0.62 0.00	79.49 0.48 0.00	75.65 0.00 0.00	69.13 0.07 0.00	58.24 0.35 0.00	50.05 0.35 0.00
GILBOA___3 23758	44.77 0.83 0.00	39.81 0.90 0.00	37.33 0.84 0.00	35.96 1.18 0.00	35.69 1.17 0.00	34.73 1.14 0.00	35.33 1.19 0.00	36.10 1.12 0.00	38.45 0.75 0.00	43.19 0.51 0.00	46.49 0.41 0.00	48.53 0.43 0.00	50.42 0.45 0.00	53.26 0.37 0.00	57.03 0.23 0.00	59.48 0.18 0.00	68.74 0.27 0.00	76.95 0.31 0.00	78.72 0.62 0.00	79.49 0.48 0.00	75.65 0.00 0.00	69.13 0.07 0.00	58.24 0.35 0.00	50.05 0.35 0.00
GILBOA___4 23759	44.77 0.83 0.00	39.81 0.90 0.00	37.33 0.84 0.00	35.96 1.18 0.00	35.69 1.17 0.00	34.73 1.14 0.00	35.33 1.19 0.00	36.10 1.12 0.00	38.45 0.75 0.00	43.19 0.51 0.00	46.49 0.41 0.00	48.53 0.43 0.00	50.42 0.45 0.00	53.26 0.37 0.00	57.03 0.23 0.00	59.48 0.18 0.00	68.74 0.27 0.00	76.95 0.31 0.00	78.72 0.62 0.00	79.49 0.48 0.00	75.65 0.00 0.00	69.13 0.07 0.00	58.24 0.35 0.00	50.05 0.35 0.00

GILBOA____ 23599	44.77 0.83 0.00	39.81 0.89 0.00	37.33 0.84 0.00	35.95 1.18 0.00	35.69 1.17 0.00	34.73 1.14 0.00	35.33 1.19 0.00	36.10 1.12 0.00	38.45 0.75 0.00	43.19 0.51 0.00	46.49 0.41 0.00	48.53 0.43 0.00	50.42 0.45 0.00	53.31 0.42 0.00	57.15 0.34 0.00	59.48 0.18 0.00	68.74 0.27 0.00	76.95 0.31 0.00	78.72 0.62 0.00	79.49 0.47 0.00	75.65 0.00 0.00	69.13 0.07 0.00	58.24 0.35 0.00	50.05 0.35 0.00
GINNA____ 23603	42.09 -1.84 0.00	38.13 -0.78 0.00	35.79 -0.69 0.00	33.63 -1.15 0.00	33.30 -1.21 0.00	32.31 -1.28 0.00	32.73 -1.40 0.00	34.07 -0.91 0.00	36.91 -0.79 0.00	41.48 -1.19 0.00	44.84 -1.24 0.00	46.99 -1.10 0.00	49.27 -0.70 0.00	52.46 -0.42 0.00	57.03 0.23 0.00	59.54 0.24 0.00	68.47 0.00 0.00	77.64 0.99 0.00	79.34 1.25 0.00	80.59 1.58 0.00	75.95 0.30 0.00	69.07 0.00 0.00	57.26 -0.64 0.00	49.35 -0.35 0.00
GLEN PARK____ 23778	46.31 2.37 0.00	41.09 2.18 0.00	38.60 2.12 0.00	36.55 1.77 0.00	36.55 2.04 0.00	35.57 1.98 0.00	35.87 1.74 0.00	36.87 1.89 0.00	39.55 1.85 0.00	44.60 1.92 0.00	48.38 2.30 0.00	50.31 2.21 0.00	52.17 2.20 0.00	55.16 2.27 0.00	59.30 2.50 0.00	62.03 2.73 0.00	71.68 3.22 0.00	81.17 4.52 0.00	84.42 6.32 0.00	86.53 7.51 0.00	83.59 7.94 0.00	76.18 7.12 0.00	62.81 4.92 0.00	53.72 4.02 0.00
GLENDALE_27_KV_LOAD 356172	47.19 3.25 0.00	41.98 3.07 0.00	39.12 2.63 0.00	37.14 2.36 0.00	36.79 2.28 0.00	35.81 2.22 0.00	36.56 2.42 0.00	37.08 2.10 0.00	40.26 2.56 0.00	45.02 2.35 0.00	48.48 2.40 0.00	50.35 2.26 0.00	52.12 2.15 0.00	55.16 2.27 0.00	59.39 2.22 -0.37	60.76 1.84 0.38	61.17 2.26 9.56	61.31 2.91 18.25	61.33 2.89 19.66	60.89 2.53 20.65	60.87 1.66 16.45	61.07 1.17 9.17	59.69 1.79 0.00	51.94 2.24 0.00
GLENWOOD_IC_1_G5 23712	47.10 3.16 0.00	41.91 3.00 0.00	39.08 2.59 0.00	37.00 2.23 0.00	36.72 2.21 0.00	35.84 2.25 0.00	36.56 2.42 0.00	37.15 2.17 0.00	40.41 2.71 0.00	45.49 2.82 0.00	48.48 2.40 0.00	50.31 2.21 0.00	51.63 2.10 0.44	53.96 2.17 1.09	57.65 2.22 1.37	60.50 1.54 0.34	70.83 1.92 -0.45	75.30 2.45 3.80	75.35 2.42 5.17	73.95 2.05 7.12	69.89 1.13 6.90	64.66 0.76 5.17	56.75 1.62 2.77	50.85 1.59 0.44
GLENWOOD_IC_2_G1 23688	46.84 2.90 0.00	41.59 2.68 0.00	38.86 2.37 0.00	36.86 2.09 0.00	36.58 2.07 0.00	35.67 2.08 0.00	36.42 2.29 0.00	36.94 1.96 0.00	40.19 2.49 0.00	45.19 2.52 0.00	48.25 2.17 0.00	50.07 1.97 0.00	51.91 1.95 0.00	54.83 1.96 0.01	58.98 1.82 -0.35	61.25 1.66 -0.29	70.98 2.05 -0.46	79.47 2.68 -0.14	80.71 2.66 0.05	81.24 2.29 0.07	77.02 1.43 0.07	70.05 1.04 0.05	59.37 1.50 0.03	51.19 1.49 0.00
GLENWOOD_IC_3_G1 23689	46.84 2.90 0.00	41.59 2.68 0.00	38.86 2.37 0.00	36.86 2.09 0.00	36.58 2.07 0.00	35.67 2.08 0.00	36.42 2.29 0.00	36.94 1.96 0.00	40.19 2.49 0.00	45.19 2.52 0.00	48.25 2.17 0.00	50.07 1.97 0.00	51.91 1.95 0.00	54.83 1.96 0.01	58.98 1.82 -0.35	61.25 1.66 -0.29	70.98 2.05 -0.46	79.47 2.68 -0.14	80.71 2.66 0.05	81.24 2.29 0.07	77.02 1.43 0.07	70.05 1.04 0.05	59.37 1.50 0.03	51.19 1.49 0.00
GLENWOOD____4 23550	47.10 3.16 0.00	41.91 3.00 0.00	39.08 2.59 0.00	37.00 2.23 0.00	36.72 2.21 0.00	35.84 2.25 0.00	36.56 2.42 0.00	37.15 2.17 0.00	40.41 2.71 0.00	45.49 2.82 0.00	48.48 2.40 0.00	50.31 2.21 0.00	51.63 2.10 0.44	53.96 2.17 1.09	57.65 2.22 1.37	60.62 1.66 0.34	70.97 2.05 -0.45	75.53 2.68 3.80	75.58 2.66 5.17	74.19 2.29 7.12	70.12 1.36 6.90	64.86 0.97 5.17	56.75 1.62 2.77	50.85 1.59 0.44
GLENWOOD____5 23614	47.10 3.16 0.00	41.91 3.00 0.00	39.08 2.59 0.00	37.00 2.23 0.00	36.72 2.21 0.00	35.84 2.25 0.00	36.56 2.42 0.00	37.15 2.17 0.00	40.41 2.71 0.00	45.49 2.82 0.00	48.48 2.40 0.00	50.31 2.21 0.00	51.63 2.10 0.44	53.96 2.17 1.09	57.65 2.22 1.37	60.62 1.66 0.34	70.97 2.05 -0.45	75.53 2.68 3.80	75.58 2.66 5.17	74.19 2.29 7.12	70.12 1.36 6.90	64.86 0.97 5.17	56.75 1.62 2.77	50.85 1.59 0.44
GLOBAL GREEN_PORT_GT1 23814	48.81 4.88 0.00	43.54 4.63 0.00	40.58 4.09 0.00	38.22 3.44 0.00	38.10 3.59 0.00	37.15 3.56 0.00	37.65 3.52 0.00	37.99 3.01 0.00	42.03 4.33 0.00	47.92 5.25 0.00	50.14 4.06 0.00	51.65 3.56 0.00	52.14 3.50 1.33	53.23 3.65 3.30	55.59 3.81 5.02	61.19 4.03 2.14	72.43 4.86 0.90	70.05 5.82 12.41	67.80 5.38 15.68	61.82 4.34 21.54	57.64 2.87 20.88	55.72 2.42 15.76	51.66 2.14 8.37	50.46 2.09 1.33
GLOBE____DSASP 323697	41.92 -2.02 0.00	38.44 -0.47 0.00	36.49 0.00 0.00	33.87 -0.90 0.00	34.10 -0.41 0.00	32.45 -1.14 0.00	32.94 -1.19 0.00	34.63 -0.35 0.00	37.96 0.26 0.00	41.61 -1.07 0.00	44.97 -1.11 0.00	47.28 -0.82 0.00	49.92 -0.05 0.00	53.26 0.37 0.00	58.00 1.19 0.00	61.14 1.84 0.00	69.97 1.51 0.00	79.64 2.99 0.00	81.30 3.20 0.00	82.57 3.56 0.00	77.01 1.36 0.00	69.96 0.90 0.00	57.66 -0.23 0.00	50.40 0.70 0.00
GOETHSLN____LBMP 323567	46.57 2.64 0.00	41.40 2.49 0.00	38.61 2.12 0.00	36.69 1.91 0.00	36.38 1.86 0.00	35.47 1.88 0.00	36.32 2.18 0.00	36.94 1.96 0.00	40.11 2.41 0.00	44.94 2.26 0.00	48.25 2.17 0.00	50.21 2.12 0.00	51.92 1.95 0.00	52.39 1.96 2.46	52.52 1.82 6.10	53.85 1.36 6.81	60.46 1.71 9.72	64.26 2.30 14.68	60.41 2.26 19.95	54.96 1.90 25.95	54.29 1.06 22.42	54.55 0.62 15.14	53.21 1.45 6.13	51.39 1.69 0.00
GOLAH____69_KV_TB 1_2 80279	43.85 -0.09 0.00	39.77 0.86 0.00	37.62 1.13 0.00	35.22 0.45 0.00	34.79 0.28 0.00	33.79 0.20 0.00	34.23 0.10 0.00	35.61 0.63 0.00	38.45 0.75 0.00	42.97 0.30 0.00	46.45 0.37 0.00	48.77 0.67 0.00	51.12 1.15 0.00	54.53 1.64 0.00	59.14 2.33 0.00	62.26 2.96 0.00	71.68 3.22 0.00	81.40 4.75 0.00	83.33 5.23 0.00	84.78 5.77 0.00	79.66 4.01 0.00	72.45 3.38 0.00	59.97 2.08 0.00	51.89 2.19 0.00
GOODYEAR_LAKE_HYD 323669	45.96 2.02 0.00	40.90 1.98 0.00	38.31 1.82 0.00	36.55 1.77 0.00	36.34 1.83 0.00	35.40 1.81 0.00	35.98 1.84 0.00	36.98 1.99 0.00	39.70 2.00 0.00	44.68 2.01 0.00	48.29 2.21 0.00	50.35 2.26 0.00	52.32 2.35 0.00	55.43 2.54 0.00	59.42 2.61 0.00	62.03 2.73 0.00	71.55 3.08 0.00	80.40 3.76 0.00	82.63 4.53 0.00	83.76 4.74 0.00	79.74 4.09 0.00	72.66 3.59 0.00	60.79 2.89 0.00	52.09 2.39 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	44.38 0.44 0.00	39.77 0.86 0.00	37.37 0.88 0.00	35.36 0.59 0.00	35.07 0.55 0.00	34.16 0.57 0.00	34.71 0.58 0.00	35.79 0.80 0.00	38.53 0.83 0.00	43.32 0.64 0.00	46.72 0.65 0.00	48.86 0.77 0.00	50.97 1.00 0.00	54.10 1.22 0.00	58.28 1.48 0.00	61.08 1.78 0.00	70.38 1.92 0.00	79.48 2.84 0.00	81.46 3.36 0.00	82.57 3.56 0.00	78.00 2.35 0.00	70.93 1.86 0.00	59.16 1.27 0.00	50.89 1.19 0.00

GOUDEY___7 23579	44.38 0.44 0.00	39.77 0.86 0.00	37.37 0.88 0.00	35.36 0.59 0.00	35.07 0.55 0.00	34.16 0.57 0.00	34.71 0.58 0.00	35.79 0.80 0.00	38.53 0.83 0.00	43.32 0.64 0.00	46.72 0.65 0.00	48.86 0.77 0.00	50.97 1.00 0.00	54.10 1.22 0.00	58.28 1.48 0.00	61.08 1.78 0.00	70.38 1.92 0.00	79.48 2.84 0.00	81.46 3.36 0.00	82.57 3.56 0.00	78.00 2.35 0.00	70.93 1.86 0.00	59.16 1.27 0.00	50.89 1.19 0.00
GOUDEY___8 23580	44.38 0.44 0.00	39.77 0.86 0.00	37.37 0.88 0.00	35.36 0.59 0.00	35.07 0.55 0.00	34.16 0.57 0.00	34.71 0.58 0.00	35.79 0.80 0.00	38.53 0.83 0.00	43.32 0.64 0.00	46.72 0.65 0.00	48.86 0.77 0.00	50.97 1.00 0.00	54.10 1.22 0.00	58.28 1.48 0.00	61.08 1.78 0.00	70.38 1.92 0.00	79.48 2.84 0.00	81.46 3.36 0.00	82.57 3.56 0.00	78.00 2.35 0.00	70.93 1.86 0.00	59.16 1.27 0.00	50.89 1.19 0.00
GOWANUS_GT1_1 24077	47.14 3.21 0.00	41.91 3.00 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.18 0.00	36.77 1.78 0.00	39.96 2.26 0.00	44.72 2.05 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.77 1.80 0.00	54.79 1.90 0.00	58.99 1.82 -0.37	61.37 1.78 -0.29	62.89 2.19 7.76	66.69 2.84 12.79	62.75 2.81 18.16	60.81 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.34 1.45 0.00	51.69 1.99 0.00
GOWANUS_GT1_2 24078	47.14 3.21 0.00	41.91 3.00 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.18 0.00	36.77 1.78 0.00	39.96 2.26 0.00	44.72 2.05 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.77 1.80 0.00	54.79 1.90 0.00	58.99 1.82 -0.37	61.37 1.78 -0.29	62.89 2.19 7.76	66.69 2.84 12.79	62.75 2.81 18.16	60.81 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.34 1.45 0.00	51.69 1.99 0.00
GOWANUS_GT1_3 24079	47.14 3.21 0.00	41.91 3.00 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.18 0.00	36.77 1.78 0.00	39.96 2.26 0.00	44.72 2.05 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.77 1.80 0.00	54.79 1.90 0.00	58.99 1.82 -0.37	61.37 1.78 -0.29	62.89 2.19 7.76	66.69 2.84 12.79	62.75 2.81 18.16	60.81 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.34 1.45 0.00	51.69 1.99 0.00
GOWANUS_GT1_4 24080	47.14 3.21 0.00	41.91 3.00 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.18 0.00	36.77 1.78 0.00	39.96 2.26 0.00	44.72 2.05 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.77 1.80 0.00	54.79 1.90 0.00	58.99 1.82 -0.37	61.37 1.78 -0.29	62.89 2.19 7.76	66.69 2.84 12.79	62.75 2.81 18.16	60.81 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.34 1.45 0.00	51.69 1.99 0.00
GOWANUS_GT1_5 24084	47.14 3.21 0.00	41.91 3.00 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.18 0.00	36.77 1.78 0.00	39.96 2.26 0.00	44.72 2.05 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.77 1.80 0.00	54.79 1.90 0.00	58.99 1.82 -0.37	61.37 1.78 -0.29	62.89 2.19 7.76	66.69 2.84 12.79	62.75 2.81 18.16	60.81 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.34 1.45 0.00	51.69 1.99 0.00
GOWANUS_GT1_6 24111	47.14 3.21 0.00	41.91 3.00 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.18 0.00	36.77 1.78 0.00	39.96 2.26 0.00	44.72 2.05 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.77 1.80 0.00	54.79 1.90 0.00	58.99 1.82 -0.37	61.37 1.78 -0.29	62.89 2.19 7.76	66.69 2.84 12.79	62.75 2.81 18.16	60.81 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.34 1.45 0.00	51.69 1.99 0.00
GOWANUS_GT1_7 24112	47.14 3.21 0.00	41.91 3.00 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.18 0.00	36.77 1.78 0.00	39.96 2.26 0.00	44.72 2.05 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.77 1.80 0.00	54.79 1.90 0.00	58.99 1.82 -0.37	61.37 1.78 -0.29	62.89 2.19 7.76	66.69 2.84 12.79	62.75 2.81 18.16	60.81 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.34 1.45 0.00	51.69 1.99 0.00
GOWANUS_GT1_8 24113	47.14 3.21 0.00	41.91 3.00 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.18 0.00	36.77 1.78 0.00	39.96 2.26 0.00	44.72 2.05 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.77 1.80 0.00	54.79 1.90 0.00	58.99 1.82 -0.37	61.37 1.78 -0.29	62.89 2.19 7.76	66.69 2.84 12.79	62.75 2.81 18.16	60.81 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.34 1.45 0.00	51.69 1.99 0.00
GOWANUS_GT2_1 24114	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
GOWANUS_GT2_2 24115	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
GOWANUS_GT2_3 24116	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
GOWANUS_GT2_4 24117	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
GOWANUS_GT2_5 24118	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00

GOWANUS_GT2_6 24119	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
GOWANUS_GT2_7 24120	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
GOWANUS_GT2_8 24121	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
GOWANUS_GT3_1 24122	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
GOWANUS_GT3_2 24123	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
GOWANUS_GT3_3 24124	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
GOWANUS_GT3_4 24125	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
GOWANUS_GT3_5 24126	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
GOWANUS_GT3_6 24127	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
GOWANUS_GT3_7 24128	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
GOWANUS_GT3_8 24129	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
GOWANUS_GT4_1 24130	47.14 3.21 0.00	41.91 3.00 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.18 0.00	36.77 1.78 0.00	39.96 2.26 0.00	44.72 2.05 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.77 1.80 0.00	54.79 1.90 0.00	58.99 1.82 -0.37	61.37 1.78 -0.29	62.89 2.19 7.76	66.69 2.84 12.79	62.75 2.81 18.16	60.81 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.34 1.45 0.00	51.69 1.99 0.00
GOWANUS_GT4_2 24131	47.14 3.21 0.00	41.91 3.00 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.18 0.00	36.77 1.78 0.00	39.96 2.26 0.00	44.72 2.05 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.77 1.80 0.00	54.79 1.90 0.00	58.99 1.82 -0.37	61.37 1.78 -0.29	62.89 2.19 7.76	66.69 2.84 12.79	62.75 2.81 18.16	60.81 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.34 1.45 0.00	51.69 1.99 0.00
GOWANUS_GT4_3 24132	47.14 3.21 0.00	41.91 3.00 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.18 0.00	36.77 1.78 0.00	39.96 2.26 0.00	44.72 2.05 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.77 1.80 0.00	54.79 1.90 0.00	58.99 1.82 -0.37	61.37 1.78 -0.29	62.89 2.19 7.76	66.69 2.84 12.79	62.75 2.81 18.16	60.81 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.34 1.45 0.00	51.69 1.99 0.00
GOWANUS_GT4_4 24133	47.14 3.21 0.00	41.91 3.00 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.18 0.00	36.77 1.78 0.00	39.96 2.26 0.00	44.72 2.05 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.77 1.80 0.00	54.79 1.90 0.00	58.99 1.82 -0.37	61.37 1.78 -0.29	62.89 2.19 7.76	66.69 2.84 12.79	62.75 2.81 18.16	60.81 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.34 1.45 0.00	51.69 1.99 0.00

GOWANUS_GT4_5 24134	47.14 3.21 0.00	41.91 3.00 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.18 0.00	36.77 1.78 0.00	39.96 2.26 0.00	44.72 2.05 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.77 1.80 0.00	54.79 1.90 0.00	58.99 1.82 -0.37	61.37 1.78 -0.29	62.89 2.19 7.76	66.69 2.84 12.79	62.75 2.81 18.16	60.81 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.34 1.45 0.00	51.69 1.99 0.00
GOWANUS_GT4_6 24135	47.14 3.21 0.00	41.91 3.00 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.18 0.00	36.77 1.78 0.00	39.96 2.26 0.00	44.72 2.05 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.77 1.80 0.00	54.79 1.90 0.00	58.99 1.82 -0.37	61.37 1.78 -0.29	62.89 2.19 7.76	66.69 2.84 12.79	62.75 2.81 18.16	60.81 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.34 1.45 0.00	51.69 1.99 0.00
GOWANUS_GT4_7 24136	47.14 3.21 0.00	41.91 3.00 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.18 0.00	36.77 1.78 0.00	39.96 2.26 0.00	44.72 2.05 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.77 1.80 0.00	54.79 1.90 0.00	58.99 1.82 -0.37	61.37 1.78 -0.29	62.89 2.19 7.76	66.69 2.84 12.79	62.75 2.81 18.16	60.81 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.34 1.45 0.00	51.69 1.99 0.00
GOWANUS_GT4_8 24137	47.14 3.21 0.00	41.91 3.00 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.18 0.00	36.77 1.78 0.00	39.96 2.26 0.00	44.72 2.05 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.77 1.80 0.00	54.79 1.90 0.00	58.99 1.82 -0.37	61.37 1.78 -0.29	62.89 2.19 7.76	66.69 2.84 12.79	62.75 2.81 18.16	60.81 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.34 1.45 0.00	51.69 1.99 0.00
GREATVR_69_KV_BK1 356245	48.11 4.17 0.00	42.88 3.97 0.00	39.92 3.43 0.00	37.55 2.78 0.00	37.38 2.86 0.00	36.44 2.86 0.00	37.03 2.90 0.00	37.57 2.59 0.00	41.13 3.43 0.00	46.64 3.97 0.00	48.84 2.76 0.00	50.31 2.21 0.00	50.53 1.85 1.29	51.65 1.96 3.20	54.04 2.10 4.87	59.08 1.90 2.12	69.79 2.33 1.00	67.56 2.99 12.08	65.96 3.05 15.19	60.76 2.61 20.86	57.17 1.74 20.22	55.10 1.31 15.28	51.23 1.45 8.11	49.80 1.39 1.29
GREENBSH_115KV_TB3 55895	44.11 0.18 0.00	39.30 0.39 0.00	36.93 0.44 0.00	35.29 0.52 0.00	35.03 0.52 0.00	34.09 0.50 0.00	34.61 0.48 0.00	35.33 0.35 0.00	37.89 0.19 0.00	42.33 -0.34 0.00	45.48 -0.60 0.00	47.61 -0.48 0.00	49.42 -0.55 0.00	52.20 -0.69 0.00	55.49 -1.02 0.29	57.76 -1.30 0.23	66.67 -1.44 0.36	75.13 -1.38 0.14	77.16 -0.94 0.00	77.99 -1.03 0.00	74.21 -1.44 0.00	67.68 -1.38 0.00	57.20 -0.69 0.00	49.05 -0.65 0.00
GREENDGE_115KV_TB5 80291	44.55 0.62 0.00	40.08 1.17 0.00	37.73 1.24 0.00	35.50 0.73 0.00	35.14 0.62 0.00	34.19 0.60 0.00	34.71 0.58 0.00	36.00 1.01 0.00	38.83 1.13 0.00	43.53 0.85 0.00	47.00 0.92 0.00	49.20 1.11 0.00	51.02 1.05 0.00	54.37 1.48 0.00	58.79 1.99 0.00	61.73 2.43 0.00	71.14 2.67 0.00	80.86 4.22 0.00	83.25 5.15 0.00	84.70 5.69 0.00	79.74 4.09 0.00	72.38 3.32 0.00	60.03 2.14 0.00	51.64 1.94 0.00
GREENIDGE___3 23582	44.55 0.62 0.00	40.08 1.17 0.00	37.73 1.24 0.00	35.50 0.73 0.00	35.14 0.62 0.00	34.19 0.60 0.00	34.71 0.58 0.00	36.00 1.01 0.00	38.83 1.13 0.00	43.53 0.85 0.00	47.00 0.92 0.00	49.20 1.11 0.00	51.02 1.05 0.00	54.37 1.48 0.00	58.79 1.99 0.00	61.73 2.43 0.00	71.14 2.67 0.00	80.86 4.22 0.00	83.25 5.15 0.00	84.70 5.69 0.00	79.74 4.09 0.00	72.38 3.32 0.00	60.03 2.14 0.00	51.64 1.94 0.00
GREENIDGE___4 23583	44.55 0.61 0.00	40.23 1.32 0.00	37.73 1.24 0.00	35.50 0.73 0.00	35.14 0.62 0.00	34.19 0.61 0.00	34.71 0.58 0.00	36.03 1.05 0.00	38.83 1.13 0.00	43.53 0.85 0.00	47.00 0.92 0.00	49.20 1.11 0.00	51.02 1.05 0.00	54.37 1.48 0.00	59.14 2.33 0.00	61.73 2.43 0.00	71.13 2.67 0.00	80.86 4.21 0.00	83.25 5.15 0.00	84.71 5.69 0.00	79.73 4.08 0.00	72.38 3.32 0.00	60.03 2.14 0.00	51.69 1.99 0.00
GREENLWN_69_KV_BK 3 55738	46.92 2.99 0.00	41.79 2.88 0.00	38.90 2.41 0.00	36.69 1.91 0.00	36.48 1.97 0.00	35.57 1.98 0.00	36.21 2.08 0.00	36.73 1.75 0.00	40.15 2.45 0.00	45.45 2.77 0.00	47.46 1.38 0.00	48.81 0.72 0.00	49.07 0.40 1.30	50.03 0.37 3.23	51.97 0.28 5.12	56.28 -0.06 2.96	65.33 0.07 3.20	63.95 0.38 13.08	63.06 0.31 15.35	57.90 -0.08 21.04	54.42 -0.83 20.40	52.43 -1.04 15.60	49.37 -0.35 8.18	48.30 -0.10 1.30
GREENWD_138_KV_38B11_REV_LBMP_J 345004	47.14 3.21 0.00	41.91 3.00 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.18 0.00	36.77 1.78 0.00	39.96 2.26 0.00	44.72 2.05 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.77 1.80 0.00	54.79 1.90 0.00	58.99 1.82 -0.37	61.37 1.78 -0.29	62.89 2.19 7.76	66.69 2.84 12.79	62.75 2.81 18.16	60.81 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.34 1.45 0.00	51.69 1.99 0.00
GRISSOM___SOLAR 323813	47.27 3.34 0.00	41.98 3.07 0.00	39.34 2.85 0.00	37.45 2.68 0.00	37.21 2.69 0.00	36.18 2.59 0.00	36.49 2.35 0.00	37.64 2.66 0.00	40.34 2.64 0.00	44.98 2.30 0.00	48.43 2.35 0.00	50.93 2.84 0.00	52.82 2.85 0.00	55.90 3.01 0.00	59.20 2.61 0.22	61.67 2.55 0.18	71.20 3.01 0.27	80.45 3.91 0.11	83.64 5.55 0.00	85.34 6.32 0.00	81.56 5.90 0.00	74.46 5.39 0.00	62.46 4.57 0.00	53.33 3.63 0.00
GROVEVILLE___HYD 323602	46.44 2.50 0.00	41.28 2.37 0.00	38.61 2.12 0.00	36.69 1.91 0.00	36.45 1.93 0.00	35.50 1.91 0.00	36.15 2.01 0.00	36.73 1.75 0.00	39.66 1.96 0.00	44.47 1.79 0.00	47.83 1.75 0.00	49.92 1.83 0.00	51.77 1.80 0.00	54.74 1.85 0.00	58.92 1.82 -0.30	61.20 1.66 -0.24	70.96 2.12 -0.37	79.47 2.68 -0.14	81.14 3.05 0.00	82.02 3.00 0.00	77.77 2.12 0.00	70.86 1.80 0.00	59.92 2.03 0.00	51.49 1.79 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.63 -0.31 0.00	38.91 0.00 0.00	36.53 0.04 0.00	34.70 -0.07 0.00	34.41 -0.10 0.00	33.45 -0.13 0.00	34.00 -0.14 0.00	34.95 -0.03 0.00	37.70 0.00 0.00	42.50 -0.17 0.00	45.94 -0.14 0.00	48.00 -0.10 0.00	49.92 -0.05 0.00	52.99 0.11 0.00	56.98 0.17 0.00	59.53 0.24 0.00	68.60 0.14 0.00	77.34 0.69 0.00	79.19 1.09 0.00	80.20 1.19 0.00	76.18 0.53 0.00	69.34 0.28 0.00	58.01 0.12 0.00	49.80 0.10 0.00
HAMLTNNY_34_KV_TB 80303	44.02 0.09 0.00	39.34 0.43 0.00	36.96 0.47 0.00	35.02 0.24 0.00	34.72 0.21 0.00	33.76 0.17 0.00	34.23 0.10 0.00	35.30 0.31 0.00	38.08 0.38 0.00	42.93 0.26 0.00	46.40 0.32 0.00	48.53 0.43 0.00	50.52 0.55 0.00	53.68 0.79 0.00	57.77 0.97 0.00	60.42 1.13 0.00	69.63 1.16 0.00	78.56 1.92 0.00	80.52 2.42 0.00	81.62 2.61 0.00	77.32 1.66 0.00	70.38 1.31 0.00	58.76 0.87 0.00	50.50 0.80 0.00

HAMPSHIRE___PAPER_HYD 323593	44.68 0.75 0.00	39.38 0.47 0.00	36.96 0.47 0.00	35.12 0.35 0.00	35.00 0.48 0.00	34.06 0.47 0.00	34.51 0.38 0.00	35.44 0.45 0.00	38.19 0.49 0.00	43.44 0.77 0.00	47.32 1.24 0.00	49.20 1.11 0.00	50.97 1.00 0.00	53.94 1.06 0.00	57.94 1.14 0.00	60.60 1.30 0.00	69.97 1.50 0.00	78.41 1.76 0.00	80.60 2.50 0.00	82.09 3.08 0.00	79.43 3.78 0.00	72.59 3.52 0.00	60.21 2.32 0.00	51.59 1.89 0.00
HARDSCRABBLE_WT_PWR 323673	43.67 -0.26 0.00	38.72 -0.19 0.00	36.31 -0.18 0.00	34.60 -0.17 0.00	34.38 -0.14 0.00	33.46 -0.13 0.00	33.96 -0.17 0.00	34.81 -0.17 0.00	37.51 -0.19 0.00	42.42 -0.25 0.00	45.85 -0.23 0.00	47.81 -0.29 0.00	49.72 -0.25 0.00	52.57 -0.32 0.00	56.41 -0.39 0.00	58.82 -0.48 0.00	67.92 -0.55 0.00	76.11 -0.53 0.00	77.79 -0.31 0.00	78.78 -0.24 0.00	75.42 -0.23 0.00	68.79 -0.28 0.00	57.66 -0.23 0.00	49.45 -0.25 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	46.27 2.33 0.00	41.13 2.22 0.00	38.42 1.93 0.00	36.51 1.74 0.00	36.24 1.73 0.00	35.34 1.75 0.00	36.01 1.88 0.00	36.59 1.61 0.00	39.58 1.88 0.00	44.38 1.71 0.00	47.74 1.66 0.00	49.83 1.73 0.00	51.72 1.75 0.00	54.69 1.80 0.00	58.89 1.76 -0.32	61.16 1.60 -0.26	70.92 2.05 -0.40	79.41 2.61 -0.15	80.91 2.81 0.00	81.78 2.77 0.00	77.47 1.82 0.00	70.52 1.45 0.00	59.63 1.74 0.00	51.29 1.59 0.00
HARSNRAD_115KV_TB1 81005	42.84 -1.10 0.00	39.30 0.39 0.00	37.29 0.80 0.00	34.60 -0.17 0.00	33.93 -0.59 0.00	33.15 -0.44 0.00	33.65 -0.48 0.00	35.40 0.42 0.00	38.04 0.34 0.00	42.21 -0.47 0.00	45.57 -0.51 0.00	47.90 -0.19 0.00	50.47 0.50 0.00	53.84 0.95 0.00	58.68 1.87 0.00	61.79 2.49 0.00	70.79 2.33 0.00	80.71 4.06 0.00	82.55 4.45 0.00	83.91 4.90 0.00	78.15 2.50 0.00	70.93 1.86 0.00	58.53 0.64 0.00	51.34 1.64 0.00
HARZA MOOSE___RIVER 24016	45.03 1.10 0.00	39.92 1.01 0.00	37.55 1.06 0.00	35.64 0.87 0.00	35.55 1.04 0.00	34.60 1.01 0.00	35.05 0.92 0.00	36.00 1.01 0.00	38.72 1.02 0.00	43.78 1.11 0.00	47.60 1.52 0.00	49.58 1.49 0.00	51.47 1.50 0.00	54.47 1.59 0.00	58.51 1.70 0.00	61.14 1.84 0.00	70.59 2.12 0.00	79.48 2.84 0.00	81.85 3.75 0.00	83.28 4.27 0.00	80.04 4.39 0.00	72.93 3.87 0.00	60.44 2.55 0.00	51.89 2.19 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	43.50 -0.44 0.00	38.79 -0.12 0.00	36.49 0.00 0.00	34.67 -0.10 0.00	34.38 -0.14 0.00	33.45 -0.13 0.00	33.96 -0.17 0.00	34.95 -0.03 0.00	37.62 -0.08 0.00	42.33 -0.34 0.00	45.76 -0.32 0.00	47.85 -0.24 0.00	49.77 -0.20 0.00	52.83 -0.05 0.00	56.81 0.00 0.00	59.36 0.06 0.00	68.47 0.00 0.00	77.11 0.46 0.00	78.96 0.86 0.00	79.96 0.95 0.00	75.88 0.23 0.00	69.13 0.07 0.00	57.77 -0.12 0.00	49.65 -0.05 0.00
HELLGATE_13_KV_LD 55870	47.23 3.30 0.00	42.03 3.11 0.00	39.16 2.66 0.00	37.17 2.40 0.00	36.83 2.31 0.00	35.84 2.25 0.00	36.59 2.46 0.00	37.08 2.10 0.00	40.26 2.56 0.00	44.98 2.30 0.00	48.43 2.35 0.00	50.35 2.26 0.00	52.12 2.15 0.00	55.11 2.22 0.00	59.28 2.10 -0.37	60.89 1.72 0.13	64.85 2.19 5.81	68.13 2.84 11.35	68.53 2.73 12.30	68.55 2.45 12.92	66.88 1.51 10.29	64.43 1.11 5.74	59.63 1.74 0.00	51.89 2.19 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	47.23 3.30 0.00	42.03 3.11 0.00	39.16 2.66 0.00	37.17 2.40 0.00	36.83 2.31 0.00	35.84 2.25 0.00	36.59 2.46 0.00	37.08 2.10 0.00	40.26 2.56 0.00	44.98 2.30 0.00	48.43 2.35 0.00	50.35 2.26 0.00	52.12 2.15 0.00	55.11 2.22 0.00	59.28 2.10 -0.37	60.89 1.72 0.13	64.85 2.19 5.81	68.13 2.84 11.35	68.53 2.73 12.30	68.55 2.45 12.92	66.88 1.51 10.29	64.43 1.11 5.74	59.63 1.74 0.00	51.89 2.19 0.00
HEMPSTEAD____ 23647	47.06 3.12 0.00	41.83 2.92 0.00	39.01 2.52 0.00	36.89 2.12 0.00	36.65 2.14 0.00	35.74 2.15 0.00	36.42 2.29 0.00	36.87 1.89 0.00	40.30 2.60 0.00	45.49 2.82 0.00	48.01 1.93 0.00	49.68 1.58 0.00	50.81 1.50 0.66	52.78 1.53 1.65	55.80 1.25 2.25	59.70 1.07 0.67	70.28 1.37 -0.45	72.74 1.92 5.82	72.17 1.87 7.80	69.79 1.50 10.73	65.93 0.68 10.40	61.69 0.42 7.79	54.71 0.98 4.17	50.03 0.99 0.66
HICKLING___1 23621	44.46 0.53 0.00	40.08 1.17 0.00	37.77 1.28 0.00	35.47 0.70 0.00	35.10 0.59 0.00	34.16 0.57 0.00	34.71 0.58 0.00	36.03 1.05 0.00	38.91 1.21 0.00	43.57 0.90 0.00	47.05 0.97 0.00	49.25 1.15 0.00	51.47 1.50 0.00	54.84 1.96 0.00	59.36 2.56 0.00	62.38 3.08 0.00	71.82 3.35 0.00	81.55 4.91 0.00	83.80 5.70 0.00	85.18 6.16 0.00	79.96 4.31 0.00	72.59 3.52 0.00	60.21 2.32 0.00	51.89 2.19 0.00
HICKLING___2 23622	44.46 0.53 0.00	40.08 1.17 0.00	37.77 1.28 0.00	35.47 0.70 0.00	35.10 0.59 0.00	34.16 0.57 0.00	34.71 0.58 0.00	36.03 1.05 0.00	38.91 1.21 0.00	43.57 0.90 0.00	47.05 0.97 0.00	49.25 1.15 0.00	51.47 1.50 0.00	54.84 1.96 0.00	59.36 2.56 0.00	62.38 3.08 0.00	71.82 3.35 0.00	81.55 4.91 0.00	83.80 5.70 0.00	85.18 6.16 0.00	79.96 4.31 0.00	72.59 3.52 0.00	60.21 2.32 0.00	51.89 2.19 0.00
HIGH FALLS___HY 23754	46.57 2.64 0.00	41.40 2.49 0.00	38.64 2.15 0.00	36.72 1.95 0.00	36.48 1.97 0.00	35.54 1.95 0.00	36.21 2.08 0.00	36.77 1.78 0.00	39.74 2.04 0.00	44.64 1.96 0.00	48.02 1.94 0.00	50.02 1.92 0.00	51.86 1.90 0.02	54.64 2.01 0.26	58.58 2.05 0.27	60.79 1.96 0.47	70.05 2.53 0.95	78.31 3.30 1.63	79.77 3.51 1.84	80.75 3.63 1.90	76.72 2.72 1.66	71.34 2.28 0.00	60.20 2.32 0.00	51.68 2.04 0.06
HIGH_RIVER___SOLAR 323847	46.00 2.07 0.00	40.86 1.94 0.00	38.28 1.79 0.00	36.51 1.74 0.00	36.24 1.72 0.00	35.27 1.68 0.00	35.67 1.54 0.00	36.59 1.61 0.00	39.17 1.47 0.00	43.78 1.11 0.00	47.14 1.06 0.00	49.39 1.30 0.00	51.22 1.25 0.00	54.15 1.27 0.00	57.36 0.79 0.24	59.64 0.53 0.19	68.85 0.68 0.29	77.84 1.30 0.11	80.83 2.73 0.00	82.41 3.40 0.00	78.75 3.10 0.00	71.90 2.83 0.00	60.43 2.54 0.00	51.74 2.04 0.00
HILLBURN___GT 23639	46.22 2.28 0.00	41.05 2.14 0.00	38.39 1.90 0.00	36.48 1.70 0.00	36.20 1.69 0.00	35.30 1.71 0.00	36.04 1.91 0.00	36.63 1.64 0.00	39.66 1.96 0.00	44.47 1.79 0.00	47.83 1.75 0.00	49.82 1.73 0.00	51.72 1.75 0.00	54.69 1.80 0.00	58.79 1.65 -0.33	61.17 1.60 -0.27	70.87 1.99 -0.41	79.41 2.61 -0.16	80.76 2.66 0.00	81.38 2.37 0.00	77.08 1.43 0.00	70.10 1.04 0.00	59.39 1.50 0.00	51.14 1.44 0.00
HILLSIDE_115KV_TB1 80332	43.85 -0.09 0.00	39.53 0.62 0.00	37.22 0.73 0.00	35.02 0.24 0.00	34.69 0.17 0.00	33.76 0.17 0.00	34.30 0.17 0.00	35.54 0.56 0.00	38.34 0.64 0.00	42.93 0.26 0.00	46.36 0.28 0.00	48.53 0.43 0.00	50.77 0.80 0.00	54.00 1.11 0.00	58.40 1.59 0.00	61.37 2.08 0.00	70.72 2.26 0.00	80.17 3.53 0.00	82.24 4.14 0.00	83.44 4.42 0.00	78.37 2.72 0.00	71.21 2.14 0.00	59.11 1.22 0.00	50.94 1.24 0.00

HISHELDN_WT_PWR 323625	43.15 -0.79 0.00	39.61 0.70 0.00	37.29 0.80 0.00	34.70 -0.07 0.00	34.27 -0.24 0.00	33.32 -0.27 0.00	33.82 -0.31 0.00	35.54 0.56 0.00	38.41 0.71 0.00	42.63 -0.04 0.00	46.08 0.00 0.00	48.29 0.19 0.00	50.87 0.90 0.00	54.37 1.48 0.00	59.70 2.90 0.00	62.20 2.90 0.00	71.41 2.94 0.00	81.40 4.75 0.00	83.56 5.47 0.00	85.10 6.08 0.00	79.43 3.78 0.00	72.10 3.04 0.00	59.39 1.50 0.00	51.79 2.09 0.00
HOLTSVILLE_IC_1 23690	47.27 3.34 0.00	42.14 3.23 0.00	39.26 2.77 0.00	36.96 2.19 0.00	36.83 2.31 0.00	35.91 2.32 0.00	36.45 2.32 0.00	36.80 1.82 0.00	40.45 2.75 0.00	45.88 3.20 0.00	47.74 1.66 0.00	49.00 0.91 0.00	49.44 0.80 1.33	50.37 0.79 3.31	52.35 0.57 5.02	57.54 0.36 2.11	68.27 0.61 0.81	65.17 0.92 12.40	63.25 0.86 15.71	57.91 0.48 21.58	54.51 -0.23 20.92	52.87 -0.41 15.78	49.68 0.17 8.38	48.67 0.30 1.33
HOLTSVILLE_IC_10 23699	47.49 3.56 0.00	42.34 3.42 0.00	39.44 2.95 0.00	37.10 2.33 0.00	36.96 2.45 0.00	36.07 2.49 0.00	36.62 2.49 0.00	36.94 1.96 0.00	40.64 2.94 0.00	46.13 3.46 0.00	48.01 1.93 0.00	49.34 1.25 0.00	49.80 1.15 1.32	50.77 1.16 3.28	52.81 1.02 5.02	57.95 0.89 2.24	68.52 1.23 1.18	65.80 1.61 12.46	64.07 1.56 15.59	58.80 1.19 21.41	55.36 0.46 20.75	53.52 0.14 15.69	50.15 0.58 8.32	48.98 0.60 1.32
HOLTSVILLE_IC_2 23691	47.27 3.34 0.00	42.14 3.23 0.00	39.26 2.77 0.00	36.96 2.19 0.00	36.83 2.31 0.00	35.91 2.32 0.00	36.45 2.32 0.00	36.80 1.82 0.00	40.45 2.75 0.00	45.88 3.20 0.00	47.74 1.66 0.00	49.00 0.91 0.00	49.44 0.80 1.33	50.37 0.79 3.31	52.35 0.57 5.02	57.54 0.36 2.11	68.27 0.61 0.81	65.17 0.92 12.40	63.25 0.86 15.71	57.91 0.48 21.58	54.51 -0.23 20.92	52.87 -0.41 15.78	49.68 0.17 8.38	48.67 0.30 1.33
HOLTSVILLE_IC_3 23692	47.27 3.34 0.00	42.14 3.23 0.00	39.26 2.77 0.00	36.96 2.19 0.00	36.83 2.31 0.00	35.91 2.32 0.00	36.45 2.32 0.00	36.80 1.82 0.00	40.45 2.75 0.00	45.88 3.20 0.00	47.74 1.66 0.00	49.00 0.91 0.00	49.44 0.80 1.33	50.37 0.79 3.31	52.35 0.57 5.02	57.54 0.36 2.11	68.27 0.61 0.81	65.17 0.92 12.40	63.25 0.86 15.71	57.91 0.48 21.58	54.51 -0.23 20.92	52.87 -0.41 15.78	49.68 0.17 8.38	48.67 0.30 1.33
HOLTSVILLE_IC_4 23693	47.27 3.34 0.00	42.14 3.23 0.00	39.26 2.77 0.00	36.96 2.19 0.00	36.83 2.31 0.00	35.91 2.32 0.00	36.45 2.32 0.00	36.80 1.82 0.00	40.45 2.75 0.00	45.88 3.20 0.00	47.74 1.66 0.00	49.00 0.91 0.00	49.44 0.80 1.33	50.37 0.79 3.31	52.35 0.57 5.02	57.54 0.36 2.11	68.27 0.61 0.81	65.17 0.92 12.40	63.25 0.86 15.71	57.91 0.48 21.58	54.51 -0.23 20.92	52.87 -0.41 15.78	49.68 0.17 8.38	48.67 0.30 1.33
HOLTSVILLE_IC_5 23694	47.27 3.34 0.00	42.14 3.23 0.00	39.26 2.77 0.00	36.96 2.19 0.00	36.83 2.31 0.00	35.91 2.32 0.00	36.45 2.32 0.00	36.80 1.82 0.00	40.45 2.75 0.00	45.88 3.20 0.00	47.74 1.66 0.00	49.00 0.91 0.00	49.44 0.80 1.33	50.37 0.79 3.31	52.35 0.57 5.02	57.54 0.36 2.11	68.27 0.61 0.81	65.17 0.92 12.40	63.25 0.86 15.71	57.91 0.48 21.58	54.51 -0.23 20.92	52.87 -0.41 15.78	49.68 0.17 8.38	48.67 0.30 1.33
HOLTSVILLE_IC_6 23695	47.49 3.56 0.00	42.34 3.42 0.00	39.44 2.95 0.00	37.10 2.33 0.00	36.96 2.45 0.00	36.07 2.49 0.00	36.62 2.49 0.00	36.94 1.96 0.00	40.64 2.94 0.00	46.13 3.46 0.00	48.01 1.93 0.00	49.34 1.25 0.00	49.80 1.15 1.32	50.77 1.16 3.28	52.81 1.02 5.02	57.95 0.89 2.24	68.52 1.23 1.18	65.80 1.61 12.46	64.07 1.56 15.59	58.80 1.19 21.41	55.36 0.46 20.75	53.52 0.14 15.69	50.15 0.58 8.32	48.98 0.60 1.32
HOLTSVILLE_IC_7 23696	47.49 3.56 0.00	42.34 3.42 0.00	39.44 2.95 0.00	37.10 2.33 0.00	36.96 2.45 0.00	36.07 2.49 0.00	36.62 2.49 0.00	36.94 1.96 0.00	40.64 2.94 0.00	46.13 3.46 0.00	48.01 1.93 0.00	49.34 1.25 0.00	49.80 1.15 1.32	50.77 1.16 3.28	52.81 1.02 5.02	57.95 0.89 2.24	68.52 1.23 1.18	65.80 1.61 12.46	64.07 1.56 15.59	58.80 1.19 21.41	55.36 0.46 20.75	53.52 0.14 15.69	50.15 0.58 8.32	48.98 0.60 1.32
HOLTSVILLE_IC_8 23697	47.49 3.56 0.00	42.34 3.42 0.00	39.44 2.95 0.00	37.10 2.33 0.00	36.96 2.45 0.00	36.07 2.49 0.00	36.62 2.49 0.00	36.94 1.96 0.00	40.64 2.94 0.00	46.13 3.46 0.00	48.01 1.93 0.00	49.34 1.25 0.00	49.80 1.15 1.32	50.77 1.16 3.28	52.81 1.02 5.02	57.95 0.89 2.24	68.52 1.23 1.18	65.80 1.61 12.46	64.07 1.56 15.59	58.80 1.19 21.41	55.36 0.46 20.75	53.52 0.14 15.69	50.15 0.58 8.32	48.98 0.60 1.32
HOLTSVILLE_IC_9 23698	47.49 3.56 0.00	42.34 3.42 0.00	39.44 2.95 0.00	37.10 2.33 0.00	36.96 2.45 0.00	36.07 2.49 0.00	36.62 2.49 0.00	36.94 1.96 0.00	40.64 2.94 0.00	46.13 3.46 0.00	48.01 1.93 0.00	49.34 1.25 0.00	49.80 1.15 1.32	50.77 1.16 3.28	52.81 1.02 5.02	57.95 0.89 2.24	68.52 1.23 1.18	65.80 1.61 12.46	64.07 1.56 15.59	58.80 1.19 21.41	55.36 0.46 20.75	53.52 0.14 15.69	50.15 0.58 8.32	48.98 0.60 1.32
HOMER_HL_115KV_TB2 355744	42.53 -1.41 0.00	39.14 0.23 0.00	37.07 0.58 0.00	34.49 -0.28 0.00	34.10 -0.41 0.00	33.19 -0.40 0.00	33.72 -0.41 0.00	35.40 0.42 0.00	38.38 0.68 0.00	42.72 0.04 0.00	46.17 0.09 0.00	48.53 0.43 0.00	50.57 0.60 0.00	54.00 1.11 0.00	58.62 1.82 0.00	62.03 2.73 0.00	71.41 2.94 0.00	81.48 4.83 0.00	83.41 5.31 0.00	84.70 5.69 0.00	78.60 2.95 0.00	71.21 2.14 0.00	58.76 0.87 0.00	50.79 1.09 0.00
HOWARD_WT_PWR 323690	44.20 0.27 0.00	40.27 1.36 0.00	37.77 1.28 0.00	35.29 0.52 0.00	34.89 0.38 0.00	33.96 0.37 0.00	34.47 0.34 0.00	36.00 1.02 0.00	38.83 1.13 0.00	43.32 0.64 0.00	46.77 0.69 0.00	48.91 0.82 0.00	51.07 1.10 0.00	54.63 1.74 0.00	59.76 2.95 0.00	62.38 3.08 0.00	71.82 3.35 0.00	81.93 5.28 0.00	84.58 6.48 0.00	86.44 7.43 0.00	81.10 5.45 0.00	73.62 4.56 0.00	60.78 2.89 0.00	52.58 2.88 0.00
HQ_GEN_CEDARS 23644	44.20 0.26 0.00	38.76 -0.16 0.00	36.27 -0.22 0.00	34.60 -0.17 0.00	34.34 -0.17 0.00	33.42 -0.17 0.00	33.93 -0.20 0.00	34.88 -0.10 0.00	37.70 0.00 0.00	43.23 0.55 0.00	47.00 0.92 0.00	48.82 0.72 0.00	50.67 0.70 0.00	53.58 0.69 0.00	57.66 0.85 0.00	60.19 0.89 0.00	69.36 0.89 0.00	77.18 0.54 0.00	78.33 0.23 0.00	79.41 0.40 0.00	77.01 1.36 0.00	70.52 1.45 0.00	59.05 1.16 0.00	50.45 0.75 0.00
HQ_GEN_CEDARS_PROXY 323590	44.20 0.27 0.00	38.76 -0.16 0.00	36.27 -0.22 0.00	34.60 -0.17 0.00	34.34 -0.17 0.00	33.42 -0.17 0.00	33.93 -0.20 0.00	34.88 -0.10 0.00	37.70 0.00 0.00	43.23 0.55 0.00	47.00 0.92 0.00	48.86 0.77 0.00	50.67 0.70 0.00	53.57 0.69 0.00	57.66 0.85 0.00	60.19 0.89 0.00	69.35 0.89 0.00	77.19 0.54 0.00	78.33 0.24 0.00	79.41 0.40 0.00	77.01 1.36 0.00	72.33 1.45 -1.81	57.24 1.16 1.81	50.45 0.75 0.00

HQ_GEN_IMPORT 323601	43.81 -0.13 0.00	38.48 -0.43 0.00	36.05 -0.44 0.00	34.39 -0.38 0.00	34.13 -0.38 0.00	33.22 -0.37 0.00	33.76 -0.37 0.00	34.60 -0.38 0.00	16.16 -0.30 21.24	64.00 0.09 -21.24	46.31 0.23 0.00	48.24 0.14 0.00	50.07 0.10 0.00	52.99 0.11 0.00	56.98 0.17 0.00	59.54 0.24 0.00	68.74 0.27 0.00	76.57 -0.08 0.00	77.47 -0.63 0.00	77.77 -0.55 0.69	76.57 0.23 -0.69	71.22 0.35 -1.81	56.26 0.17 1.81	49.80 0.10 0.00
HQ_GEN_WHEEL 23651	43.81 -0.13 0.00	38.48 -0.43 0.00	36.05 -0.44 0.00	34.39 -0.38 0.00	34.13 -0.38 0.00	33.22 -0.37 0.00	33.76 -0.37 0.00	34.60 -0.38 0.00	16.16 -0.30 21.24	64.00 0.09 -21.24	46.31 0.23 0.00	48.24 0.14 0.00	50.07 0.10 0.00	52.99 0.11 0.00	56.98 0.17 0.00	59.54 0.24 0.00	68.74 0.27 0.00	76.57 -0.08 0.00	77.47 -0.63 0.00	77.77 -0.55 0.69	76.57 0.23 -0.69	71.22 0.35 -1.81	56.26 0.17 1.81	49.80 0.10 0.00
HUDSON AVE_GT_3 23810	46.88 2.94 0.00	41.67 2.76 0.00	38.86 2.37 0.00	36.93 2.16 0.00	36.62 2.11 0.00	35.71 2.12 0.00	36.56 2.42 0.00	37.19 2.20 0.00	40.34 2.64 0.00	45.19 2.52 0.00	48.52 2.44 0.00	50.55 2.45 0.00	52.32 2.35 0.00	55.32 2.43 0.00	59.56 2.39 -0.37	61.61 2.02 -0.30	71.39 2.46 -0.46	79.89 3.07 -0.18	81.22 3.12 0.00	81.78 2.77 0.00	77.47 1.82 0.00	70.38 1.31 0.00	59.86 1.97 0.00	51.79 2.09 0.00
HUDSON AVE_GT_4 23540	46.88 2.94 0.00	41.67 2.76 0.00	38.86 2.37 0.00	36.93 2.16 0.00	36.62 2.11 0.00	35.71 2.12 0.00	36.56 2.42 0.00	37.19 2.20 0.00	40.34 2.64 0.00	45.19 2.52 0.00	48.52 2.44 0.00	50.55 2.45 0.00	52.32 2.35 0.00	55.32 2.43 0.00	59.56 2.39 -0.37	61.61 2.02 -0.30	71.39 2.46 -0.46	79.89 3.07 -0.18	81.22 3.12 0.00	81.78 2.77 0.00	77.47 1.82 0.00	70.38 1.31 0.00	59.86 1.97 0.00	51.79 2.09 0.00
HUDSON AVE_GT_5 23657	46.88 2.94 0.00	41.67 2.76 0.00	38.86 2.37 0.00	36.93 2.16 0.00	36.62 2.11 0.00	35.71 2.12 0.00	36.56 2.42 0.00	37.19 2.20 0.00	40.34 2.64 0.00	45.19 2.52 0.00	48.52 2.44 0.00	50.55 2.45 0.00	52.32 2.35 0.00	55.32 2.43 0.00	59.56 2.39 -0.37	61.61 2.02 -0.30	71.39 2.46 -0.46	79.89 3.07 -0.18	81.22 3.12 0.00	81.78 2.77 0.00	77.47 1.82 0.00	70.38 1.31 0.00	59.86 1.97 0.00	51.79 2.09 0.00
HUDSON_AVE_10 24168	46.70 2.77 0.00	41.52 2.61 0.00	38.72 2.23 0.00	36.79 2.02 0.00	36.48 1.97 0.00	35.57 1.98 0.00	36.45 2.32 0.00	37.08 2.10 0.00	40.26 2.56 0.00	45.11 2.43 0.00	48.38 2.30 0.00	50.35 2.26 0.00	52.12 2.15 0.00	55.11 2.22 0.00	59.34 2.16 -0.37	61.37 1.78 -0.30	71.05 2.12 -0.46	79.58 2.76 -0.18	80.83 2.73 0.00	81.39 2.37 0.00	77.09 1.44 0.00	70.10 1.04 0.00	59.69 1.79 0.00	51.64 1.94 0.00
HUDSON___115KV_TB 4 355613	44.86 0.92 0.00	40.08 1.17 0.00	37.62 1.13 0.00	35.92 1.15 0.00	35.65 1.14 0.00	34.66 1.07 0.00	34.99 0.85 0.00	35.72 0.73 0.00	38.23 0.53 0.00	42.46 -0.21 0.00	45.62 -0.46 0.00	47.71 -0.38 0.00	49.71 -0.20 0.06	51.64 -0.26 0.98	54.19 -0.62 1.99	55.99 -0.77 2.54	63.07 -0.62 4.78	69.70 -0.31 6.64	71.73 0.62 6.99	72.69 0.87 7.19	69.82 0.45 6.28	69.40 0.35 0.02	58.51 0.64 0.02	49.92 0.45 0.22
HUNTER MOUNT___DRP 323613	44.99 1.05 0.00	40.12 1.21 0.00	37.69 1.20 0.00	35.95 1.18 0.00	35.72 1.21 0.00	34.70 1.11 0.00	34.92 0.79 0.00	35.61 0.63 0.00	38.08 0.38 0.00	42.38 -0.30 0.00	45.53 -0.55 0.00	47.61 -0.48 0.00	49.79 -0.10 0.08	51.30 -0.16 1.43	53.56 -0.51 2.73	55.15 -0.59 3.56	61.30 -0.41 6.76	67.06 0.00 9.59	68.94 1.02 10.18	70.05 1.50 10.46	67.57 1.06 9.14	69.94 0.90 0.02	58.79 0.93 0.02	50.12 0.75 0.32
HUNTINGTON_RES_REC 323705	47.23 3.30 0.00	42.02 3.11 0.00	39.15 2.66 0.00	36.89 2.12 0.00	36.69 2.18 0.00	35.81 2.22 0.00	36.42 2.29 0.00	36.77 1.78 0.00	40.42 2.72 0.00	45.79 3.11 0.00	47.65 1.57 0.00	49.00 0.91 0.00	49.45 0.80 1.32	50.41 0.79 3.27	52.08 0.57 5.29	56.37 0.47 3.40	64.94 0.75 4.28	63.94 0.99 13.70	63.52 1.01 15.59	58.30 0.63 21.34	54.81 -0.15 20.69	52.74 -0.41 15.92	49.71 0.12 8.29	48.58 0.20 1.32
HUNTLEY___63 23557	43.06 -0.88 0.00	39.46 0.54 0.00	37.44 0.95 0.00	34.77 0.00 0.00	34.48 -0.03 0.00	33.29 -0.30 0.00	33.79 -0.34 0.00	35.58 0.59 0.00	38.64 0.94 0.00	42.72 0.04 0.00	46.22 0.14 0.00	48.57 0.48 0.00	51.27 1.30 0.00	54.74 1.85 0.00	59.65 2.84 0.00	62.86 3.56 0.00	71.82 3.35 0.00	81.71 5.06 0.00	83.49 5.39 0.00	84.86 5.85 0.00	79.13 3.48 0.00	71.83 2.76 0.00	59.34 1.45 0.00	51.89 2.19 0.00
HUNTLEY___64 23558	43.06 -0.88 0.00	39.46 0.54 0.00	37.44 0.95 0.00	34.77 0.00 0.00	34.48 -0.03 0.00	33.29 -0.30 0.00	33.79 -0.34 0.00	35.58 0.59 0.00	38.64 0.94 0.00	42.72 0.04 0.00	46.22 0.14 0.00	48.57 0.48 0.00	51.27 1.30 0.00	54.74 1.85 0.00	59.65 2.84 0.00	62.86 3.56 0.00	71.82 3.35 0.00	81.71 5.06 0.00	83.49 5.39 0.00	84.86 5.85 0.00	79.13 3.48 0.00	71.83 2.76 0.00	59.34 1.45 0.00	51.89 2.19 0.00
HUNTLEY___65 23559	43.06 -0.88 0.00	39.46 0.54 0.00	37.44 0.95 0.00	34.77 0.00 0.00	34.48 -0.03 0.00	33.29 -0.30 0.00	33.79 -0.34 0.00	35.58 0.59 0.00	38.64 0.94 0.00	42.72 0.04 0.00	46.22 0.14 0.00	48.57 0.48 0.00	51.27 1.30 0.00	54.74 1.85 0.00	59.65 2.84 0.00	62.86 3.56 0.00	71.82 3.35 0.00	81.71 5.06 0.00	83.49 5.39 0.00	84.86 5.85 0.00	79.13 3.48 0.00	71.83 2.76 0.00	59.34 1.45 0.00	51.89 2.19 0.00
HUNTLEY___66 23560	43.06 -0.88 0.00	39.46 0.54 0.00	37.44 0.95 0.00	34.77 0.00 0.00	34.48 -0.03 0.00	33.29 -0.30 0.00	33.79 -0.34 0.00	35.58 0.59 0.00	38.64 0.94 0.00	42.72 0.04 0.00	46.22 0.14 0.00	48.57 0.48 0.00	51.27 1.30 0.00	54.74 1.85 0.00	59.65 2.84 0.00	62.86 3.56 0.00	71.82 3.35 0.00	81.71 5.06 0.00	83.49 5.39 0.00	84.86 5.85 0.00	79.13 3.48 0.00	71.83 2.76 0.00	59.34 1.45 0.00	51.89 2.19 0.00
HUNTLEY___67 23561	42.88 -1.05 0.00	39.26 0.35 0.00	37.26 0.77 0.00	34.60 -0.17 0.00	34.20 -0.31 0.00	33.19 -0.40 0.00	33.69 -0.44 0.00	35.40 0.42 0.00	38.34 0.64 0.00	42.55 -0.13 0.00	45.99 -0.09 0.00	48.33 0.24 0.00	51.02 1.05 0.00	54.47 1.59 0.00	59.31 2.50 0.00	62.50 3.20 0.00	71.68 3.22 0.00	81.63 4.98 0.00	83.49 5.39 0.00	84.78 5.77 0.00	78.98 3.33 0.00	71.69 2.62 0.00	59.05 1.16 0.00	51.54 1.84 0.00
HUNTLEY___68 23562	42.88 -1.05 0.00	39.26 0.35 0.00	37.26 0.77 0.00	34.60 -0.17 0.00	34.20 -0.31 0.00	33.19 -0.40 0.00	33.69 -0.44 0.00	35.40 0.42 0.00	38.34 0.64 0.00	42.55 -0.13 0.00	45.99 -0.09 0.00	48.33 0.24 0.00	51.02 1.05 0.00	54.47 1.59 0.00	59.31 2.50 0.00	62.50 3.20 0.00	71.68 3.22 0.00	81.63 4.98 0.00	83.49 5.39 0.00	84.78 5.77 0.00	78.98 3.33 0.00	71.69 2.62 0.00	59.05 1.16 0.00	51.54 1.84 0.00



HYLAND___LFGE 323620	46.13 2.20 0.00	42.02 3.11 0.00	39.41 2.92 0.00	36.82 2.05 0.00	36.45 1.93 0.00	35.37 1.78 0.00	35.63 1.50 0.00	36.77 1.78 0.00	38.98 1.28 0.00	43.15 0.47 0.00	46.13 0.05 0.00	48.00 -0.10 0.00	48.77 -1.20 0.00	52.20 -0.69 0.00	57.15 0.34 0.00	59.89 0.59 0.00	69.49 1.03 0.00	80.17 3.53 0.00	83.73 5.63 0.00	87.08 8.06 0.00	82.38 6.73 0.00	75.01 5.94 0.00	61.83 3.94 0.00	53.23 3.53 0.00
INDECK___CORINTH 23802	45.82 1.89 0.00	40.70 1.79 0.00	38.17 1.68 0.00	36.37 1.60 0.00	36.14 1.62 0.00	35.10 1.51 0.00	35.36 1.23 0.00	36.52 1.54 0.00	39.25 1.55 0.00	43.61 0.94 0.00	46.63 0.55 0.00	49.30 1.20 0.00	51.02 1.05 0.00	53.79 0.90 0.00	56.77 0.29 0.32	59.16 0.12 0.26	68.28 0.21 0.39	77.11 0.61 0.15	80.83 2.73 0.00	81.94 2.93 0.00	78.30 2.65 0.00	71.62 2.56 0.00	60.21 2.32 0.00	51.34 1.64 0.00
INDECK___ILION 23567	43.89 -0.04 0.00	38.95 0.04 0.00	36.53 0.04 0.00	34.81 0.03 0.00	34.58 0.07 0.00	33.66 0.07 0.00	34.17 0.03 0.00	35.02 0.03 0.00	37.74 0.04 0.00	42.63 -0.04 0.00	46.03 -0.05 0.00	48.05 -0.05 0.00	49.92 -0.05 0.00	52.83 -0.05 0.00	56.69 -0.11 0.00	59.12 -0.18 0.00	68.26 -0.21 0.00	76.49 -0.15 0.00	78.25 0.16 0.00	79.17 0.16 0.00	75.73 0.08 0.00	69.07 0.00 0.00	57.89 0.00 0.00	49.65 -0.05 0.00
INDECK___OLEAN 23982	42.53 -1.41 0.00	39.42 0.50 0.00	37.07 0.58 0.00	34.49 -0.28 0.00	34.10 -0.41 0.00	33.19 -0.40 0.00	33.69 -0.44 0.00	35.44 0.45 0.00	38.41 0.71 0.00	42.72 0.04 0.00	46.22 0.14 0.00	48.53 0.43 0.00	50.57 0.60 0.00	54.10 1.22 0.00	59.25 2.44 0.00	62.03 2.73 0.00	71.41 2.94 0.00	81.40 4.75 0.00	83.41 5.31 0.00	84.71 5.69 0.00	78.60 2.95 0.00	71.28 2.21 0.00	58.64 0.75 0.00	50.84 1.14 0.00
INDECK___OSWEGO 23783	43.15 -0.79 0.00	38.48 -0.43 0.00	36.09 -0.40 0.00	34.29 -0.49 0.00	34.03 -0.48 0.00	33.09 -0.50 0.00	33.62 -0.51 0.00	34.53 -0.46 0.00	37.17 -0.53 0.00	41.91 -0.77 0.00	45.30 -0.78 0.00	47.28 -0.82 0.00	49.17 -0.80 0.00	52.15 -0.74 0.00	55.61 -1.20 0.00	57.99 -1.30 0.00	66.89 -1.57 0.00	75.27 -1.38 0.00	77.08 -1.02 0.00	78.07 -0.94 0.00	74.36 -1.29 0.00	67.82 -1.24 0.00	56.73 -1.16 0.00	49.15 -0.55 0.00
INDECK___YERKES 23781	43.10 -0.84 0.00	39.84 0.93 0.00	37.47 0.99 0.00	34.77 0.00 0.00	34.51 0.00 0.00	33.32 -0.27 0.00	33.93 -0.20 0.00	35.68 0.70 0.00	38.60 0.90 0.00	42.76 0.09 0.00	46.31 0.23 0.00	48.62 0.53 0.00	51.32 1.35 0.00	54.90 2.01 0.00	60.45 3.64 0.00	62.92 3.62 0.00	71.82 3.35 0.00	81.63 4.98 0.00	83.48 5.38 0.00	84.78 5.77 0.00	79.13 3.48 0.00	71.83 2.77 0.00	59.39 1.50 0.00	51.99 2.29 0.00
INDIAN POINT_GT_1 24139	46.22 2.28 0.00	41.13 2.22 0.00	38.39 1.90 0.00	36.51 1.74 0.00	36.20 1.69 0.00	35.34 1.75 0.00	36.11 1.98 0.00	36.70 1.71 0.00	39.74 2.04 0.00	44.55 1.88 0.00	47.88 1.80 0.00	49.92 1.83 0.00	51.72 1.75 0.00	54.63 1.75 0.00	58.93 1.76 -0.36	61.07 1.48 -0.29	70.76 1.85 -0.45	79.20 2.38 -0.17	80.60 2.50 0.00	81.15 2.13 0.00	76.94 1.29 0.00	69.96 0.90 0.00	59.34 1.45 0.00	51.09 1.39 0.00
INDIAN POINT_GT_2 23659	46.22 2.28 0.00	41.13 2.22 0.00	38.39 1.90 0.00	36.51 1.74 0.00	36.20 1.69 0.00	35.34 1.75 0.00	36.11 1.98 0.00	36.70 1.71 0.00	39.74 2.04 0.00	44.55 1.88 0.00	47.88 1.80 0.00	49.92 1.83 0.00	51.72 1.75 0.00	54.63 1.75 0.00	58.93 1.76 -0.36	61.07 1.48 -0.29	70.76 1.85 -0.45	79.20 2.38 -0.17	80.60 2.50 0.00	81.15 2.13 0.00	76.94 1.29 0.00	69.96 0.90 0.00	59.34 1.45 0.00	51.09 1.39 0.00
INDIAN POINT_GT_3 24019	46.22 2.28 0.00	41.13 2.22 0.00	38.39 1.90 0.00	36.51 1.74 0.00	36.20 1.69 0.00	35.34 1.75 0.00	36.11 1.98 0.00	36.70 1.71 0.00	39.74 2.04 0.00	44.55 1.88 0.00	47.88 1.80 0.00	49.92 1.83 0.00	51.72 1.75 0.00	54.63 1.75 0.00	58.93 1.76 -0.36	61.07 1.48 -0.29	70.76 1.85 -0.45	79.20 2.38 -0.17	80.60 2.50 0.00	81.15 2.13 0.00	76.94 1.29 0.00	69.96 0.90 0.00	59.34 1.45 0.00	51.09 1.39 0.00
INDIAN POINT___2 23530	46.18 2.24 0.00	41.01 2.10 0.00	38.35 1.86 0.00	36.48 1.70 0.00	36.20 1.69 0.00	35.30 1.71 0.00	36.04 1.91 0.00	36.63 1.64 0.00	39.70 2.00 0.00	44.51 1.83 0.00	47.79 1.71 0.00	49.78 1.68 0.00	51.67 1.70 0.00	54.58 1.69 0.00	58.69 1.53 -0.35	61.00 1.42 -0.28	70.68 1.78 -0.44	79.19 2.38 -0.17	80.52 2.42 0.00	81.15 2.13 0.00	76.86 1.21 0.00	69.90 0.83 0.00	59.28 1.39 0.00	51.04 1.34 0.00
INDIAN POINT___3 23531	46.18 2.24 0.00	41.05 2.14 0.00	38.35 1.86 0.00	36.48 1.70 0.00	36.17 1.66 0.00	35.27 1.68 0.00	36.04 1.91 0.00	36.66 1.68 0.00	39.66 1.96 0.00	44.47 1.79 0.00	47.78 1.70 0.00	49.78 1.68 0.00	51.62 1.65 0.00	54.58 1.69 0.00	58.82 1.65 -0.36	60.95 1.36 -0.29	70.63 1.71 -0.45	79.04 2.22 -0.17	80.44 2.34 0.00	81.07 2.05 0.00	76.79 1.13 0.00	69.83 0.76 0.00	59.22 1.33 0.00	50.99 1.29 0.00
INGHAM_C_115KV_TB7 356103	43.45 -0.48 0.00	38.56 -0.35 0.00	36.16 -0.33 0.00	34.46 -0.31 0.00	34.24 -0.28 0.00	33.29 -0.30 0.00	33.79 -0.34 0.00	34.63 -0.35 0.00	37.32 -0.38 0.00	42.21 -0.47 0.00	45.62 -0.46 0.00	47.56 -0.53 0.00	49.47 -0.50 0.00	52.31 -0.58 0.00	56.13 -0.68 0.00	58.53 -0.77 0.00	67.51 -0.96 0.00	75.65 -1.00 0.00	77.40 -0.70 0.00	78.38 -0.63 0.00	75.05 -0.61 0.00	68.51 -0.55 0.00	57.43 -0.46 0.00	49.20 -0.50 0.00
IP CORINTH___1 23988	46.09 2.15 0.00	40.97 2.06 0.00	38.39 1.90 0.00	36.55 1.77 0.00	36.31 1.79 0.00	35.30 1.71 0.00	35.57 1.43 0.00	36.70 1.71 0.00	39.47 1.77 0.00	43.87 1.19 0.00	46.91 0.83 0.00	49.58 1.49 0.00	51.32 1.35 0.00	54.16 1.27 0.00	57.17 0.68 0.32	59.57 0.53 0.26	68.69 0.62 0.39	77.57 1.07 0.15	81.30 3.20 0.00	82.41 3.40 0.00	78.75 3.10 0.00	72.04 2.97 0.00	60.55 2.66 0.00	51.64 1.94 0.00
IP___TICONDEROGA 23804	48.33 4.39 0.00	42.92 4.01 0.00	40.14 3.65 0.00	38.18 3.41 0.00	37.93 3.42 0.00	36.81 3.22 0.00	36.83 2.70 0.00	38.31 3.32 0.00	41.17 3.47 0.00	45.53 2.86 0.00	48.84 2.76 0.00	51.94 3.85 0.00	53.82 3.85 0.00	56.75 3.86 0.00	59.60 3.12 0.33	62.06 3.02 0.26	71.55 3.49 0.40	81.09 4.60 0.16	85.60 7.50 0.00	87.07 8.06 0.00	83.29 7.64 0.00	76.32 7.25 0.00	64.03 6.14 0.00	54.37 4.67 0.00
ISLIP_RES_REC 323679	47.72 3.78 0.00	42.53 3.62 0.00	39.63 3.14 0.00	37.28 2.51 0.00	37.14 2.62 0.00	36.24 2.65 0.00	36.76 2.63 0.00	37.12 2.13 0.00	40.83 3.13 0.00	46.35 3.67 0.00	48.29 2.21 0.00	49.63 1.54 0.00	50.15 1.50 1.32	51.16 1.53 3.26	53.24 1.42 4.99	58.45 1.36 2.21	69.09 1.78 1.15	66.49 2.22 12.38	64.86 2.27 15.50	59.54 1.82 21.29	55.99 0.98 20.64	54.15 0.69 15.60	50.54 0.92 8.27	49.28 0.90 1.32

JAMAICA__27_KV_LOAD 355505	47.01 3.08 0.00	41.75 2.84 0.00	38.86 2.37 0.00	36.93 2.16 0.00	36.58 2.07 0.00	35.71 2.12 0.00	36.62 2.49 0.00	37.33 2.34 0.00	40.60 2.90 0.00	45.45 2.77 0.00	48.57 2.49 0.00	50.59 2.50 0.00	52.32 2.35 0.00	55.37 2.49 0.00	59.62 2.44 -0.37	61.67 2.08 -0.30	71.39 2.46 -0.46	79.97 3.14 -0.18	81.22 3.12 0.00	81.78 2.77 0.00	77.54 1.89 0.00	70.38 1.31 0.00	60.21 2.32 0.00	52.04 2.34 0.00
JANIS__SOLAR 323808	46.05 2.11 0.00	41.17 2.26 0.00	38.57 2.08 0.00	36.51 1.74 0.00	36.34 1.83 0.00	35.40 1.81 0.00	35.91 1.77 0.00	36.98 1.99 0.00	39.73 2.03 0.00	44.64 1.96 0.00	48.16 2.08 0.00	50.11 2.02 0.00	52.07 2.10 0.00	55.27 2.38 0.00	59.65 2.84 0.00	62.44 3.14 0.00	72.09 3.63 0.00	81.93 5.28 0.00	84.89 6.79 0.00	86.68 7.66 0.00	82.38 6.73 0.00	74.79 5.73 0.00	62.11 4.22 0.00	53.18 3.48 0.00
JARVIS____ 23743	44.07 0.13 0.00	39.11 0.20 0.00	36.67 0.18 0.00	34.95 0.17 0.00	34.72 0.21 0.00	33.79 0.20 0.00	34.34 0.21 0.00	35.16 0.18 0.00	37.85 0.15 0.00	42.72 0.04 0.00	46.13 0.05 0.00	48.14 0.05 0.00	50.02 0.05 0.00	52.94 0.05 0.00	56.81 0.00 0.00	59.30 0.00 0.00	68.47 0.00 0.00	76.72 0.08 0.00	78.33 0.24 0.00	79.25 0.24 0.00	75.73 0.08 0.00	69.07 0.00 0.00	57.95 0.06 0.00	49.75 0.05 0.00
JENNISON____1 23625	46.27 2.33 0.00	41.32 2.41 0.00	38.79 2.30 0.00	36.75 1.98 0.00	36.65 2.14 0.00	35.71 2.12 0.00	36.21 2.08 0.00	37.36 2.38 0.00	40.23 2.53 0.00	45.28 2.60 0.00	48.94 2.86 0.00	50.98 2.89 0.00	53.07 3.10 0.00	56.27 3.38 0.00	60.56 3.75 0.00	63.39 4.09 0.00	73.05 4.59 0.00	82.63 5.98 0.00	85.28 7.19 0.00	86.68 7.66 0.00	82.31 6.66 0.00	74.80 5.73 0.00	62.17 4.28 0.00	53.23 3.53 0.00
JENNISON____2 23626	46.27 2.33 0.00	41.32 2.41 0.00	38.79 2.30 0.00	36.75 1.98 0.00	36.65 2.14 0.00	35.71 2.12 0.00	36.21 2.08 0.00	37.36 2.38 0.00	40.23 2.53 0.00	45.28 2.60 0.00	48.94 2.86 0.00	50.98 2.89 0.00	53.07 3.10 0.00	56.27 3.38 0.00	60.56 3.75 0.00	63.39 4.09 0.00	73.05 4.59 0.00	82.63 5.98 0.00	85.28 7.19 0.00	86.68 7.66 0.00	82.31 6.66 0.00	74.80 5.73 0.00	62.17 4.28 0.00	53.23 3.53 0.00
JERICOHO_RISE_WT_PWR 323719	43.94 0.00 0.00	38.52 -0.39 0.00	35.98 -0.51 0.00	34.29 -0.49 0.00	34.03 -0.48 0.00	33.12 -0.47 0.00	33.69 -0.44 0.00	34.63 -0.35 0.00	37.59 -0.11 0.00	43.15 0.47 0.00	46.81 0.73 0.00	48.53 0.43 0.00	50.17 0.20 0.00	53.05 0.16 0.00	57.09 0.29 0.00	59.66 0.36 0.00	68.88 0.41 0.00	76.57 -0.08 0.00	77.71 -0.39 0.00	78.78 -0.24 0.00	76.25 0.60 0.00	69.76 0.69 0.00	58.18 0.29 0.00	49.80 0.10 0.00
KATONAH__115KV_46KV_TB4 355592	46.35 2.42 0.00	41.21 2.30 0.00	38.53 2.04 0.00	36.62 1.84 0.00	36.34 1.83 0.00	35.44 1.85 0.00	36.21 2.08 0.00	36.84 1.85 0.00	39.85 2.15 0.00	44.68 2.01 0.00	48.11 2.03 0.00	50.16 2.07 0.00	52.02 2.05 0.00	54.95 2.06 0.00	59.28 2.10 -0.37	61.50 1.90 -0.30	71.26 2.33 -0.46	79.66 2.84 -0.18	81.22 3.12 0.00	81.70 2.69 0.00	77.39 1.74 0.00	70.45 1.38 0.00	59.63 1.74 0.00	51.29 1.59 0.00
KCE_NY_1 323755	46.13 2.20 0.00	40.97 2.06 0.00	38.42 1.93 0.00	36.61 1.84 0.00	36.38 1.86 0.00	35.37 1.78 0.00	35.74 1.60 0.00	36.73 1.75 0.00	39.44 1.74 0.00	44.00 1.32 0.00	47.32 1.24 0.00	49.82 1.73 0.00	51.67 1.70 0.00	54.58 1.69 0.00	57.72 1.25 0.34	60.21 1.19 0.27	69.42 1.37 0.42	78.40 1.92 0.16	81.30 3.20 0.00	82.33 3.32 0.00	78.45 2.80 0.00	71.69 2.62 0.00	60.32 2.43 0.00	51.59 1.89 0.00
KCE_NY_6_ESR 323823	43.23 -0.70 0.00	39.88 0.97 0.00	37.51 1.02 0.00	34.84 0.07 0.00	34.41 -0.10 0.00	33.42 -0.17 0.00	33.89 -0.24 0.00	35.79 0.81 0.00	38.72 1.02 0.00	42.98 0.30 0.00	46.54 0.46 0.00	48.86 0.77 0.00	51.57 1.60 0.00	55.16 2.27 0.00	60.61 3.81 0.00	63.21 3.91 0.00	72.57 4.11 0.00	82.70 6.05 0.00	84.66 6.56 0.00	85.97 6.95 0.00	80.04 4.39 0.00	72.59 3.52 0.00	59.74 1.85 0.00	52.13 2.43 0.00
KEDC PORT_JEFF_GT2 24210	47.41 3.47 0.00	42.26 3.35 0.00	39.37 2.88 0.00	37.03 2.26 0.00	36.89 2.38 0.00	36.01 2.42 0.00	36.56 2.42 0.00	36.87 1.89 0.00	40.56 2.86 0.00	46.05 3.37 0.00	47.92 1.85 0.00	49.25 1.15 0.00	49.70 1.05 1.33	50.65 1.06 3.29	52.61 0.85 5.05	57.58 0.59 2.31	67.93 0.82 1.36	64.77 0.69 12.57	63.40 0.94 15.63	58.26 0.71 21.47	54.92 0.08 20.81	53.25 -0.07 15.75	49.96 0.41 8.34	48.87 0.50 1.33
KEDC PORT_JEFF_GT3 24211	47.41 3.47 0.00	42.26 3.35 0.00	39.37 2.88 0.00	37.03 2.26 0.00	36.89 2.38 0.00	36.01 2.42 0.00	36.56 2.42 0.00	36.87 1.89 0.00	40.56 2.86 0.00	46.05 3.37 0.00	47.92 1.85 0.00	49.25 1.15 0.00	49.70 1.05 1.33	50.65 1.06 3.29	52.61 0.85 5.05	57.58 0.59 2.31	67.93 0.82 1.36	64.77 0.69 12.57	63.40 0.94 15.63	58.26 0.71 21.47	54.92 0.08 20.81	53.25 -0.07 15.75	49.96 0.41 8.34	48.87 0.50 1.33
KEDC_GLWD_GT4 24219	47.10 3.17 0.00	41.87 2.96 0.00	39.08 2.59 0.00	37.00 2.23 0.00	36.72 2.21 0.00	35.84 2.25 0.00	36.56 2.42 0.00	37.05 2.06 0.00	40.42 2.72 0.00	45.49 2.82 0.00	48.43 2.35 0.00	50.21 2.11 0.00	51.63 2.10 0.44	53.97 2.17 1.09	57.42 1.99 1.37	60.49 1.54 0.34	70.83 1.91 -0.45	75.37 2.53 3.80	75.35 2.42 5.17	73.95 2.05 7.12	69.96 1.21 6.90	64.66 0.76 5.17	56.74 1.62 2.77	50.85 1.59 0.44
KEDC_GLWD_GT5 24220	47.10 3.17 0.00	41.87 2.96 0.00	39.08 2.59 0.00	37.00 2.23 0.00	36.72 2.21 0.00	35.84 2.25 0.00	36.56 2.42 0.00	37.05 2.06 0.00	40.42 2.72 0.00	45.49 2.82 0.00	48.43 2.35 0.00	50.21 2.11 0.00	51.63 2.10 0.44	53.97 2.17 1.09	57.42 1.99 1.37	60.49 1.54 0.34	70.83 1.91 -0.45	75.37 2.53 3.80	75.35 2.42 5.17	73.95 2.05 7.12	69.96 1.21 6.90	64.66 0.76 5.17	56.74 1.62 2.77	50.85 1.59 0.44
KENSICO____ 23655	46.40 2.46 0.00	41.25 2.33 0.00	38.53 2.04 0.00	36.62 1.84 0.00	36.34 1.83 0.00	35.44 1.85 0.00	36.25 2.12 0.00	36.84 1.85 0.00	39.89 2.19 0.00	44.77 2.09 0.00	48.06 1.98 0.00	50.11 2.02 0.00	51.87 1.90 0.00	54.84 1.96 0.00	59.16 1.99 -0.37	61.26 1.66 -0.30	70.98 2.05 -0.46	79.51 2.68 -0.18	80.83 2.73 0.00	81.39 2.37 0.00	77.09 1.44 0.00	70.10 1.04 0.00	59.45 1.56 0.00	51.24 1.54 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	46.48 2.55 0.00	41.28 2.37 0.00	38.57 2.08 0.00	36.65 1.88 0.00	36.41 1.90 0.00	35.47 1.88 0.00	36.11 1.98 0.00	36.66 1.68 0.00	39.58 1.88 0.00	44.42 1.75 0.00	47.83 1.75 0.00	49.83 1.73 0.00	51.71 1.75 0.01	54.57 1.85 0.17	58.60 1.87 0.08	60.85 1.78 0.23	70.29 2.33 0.51	78.69 3.07 1.02	80.25 3.36 1.21	81.33 3.56 1.24	77.21 2.65 1.08	71.27 2.21 0.00	60.15 2.26 0.00	51.65 1.99 0.04

KIAC_JFK_GT1 23816	46.70 2.77 0.00	41.48 2.57 0.00	38.64 2.15 0.00	36.72 1.95 0.00	36.38 1.86 0.00	35.50 1.91 0.00	36.42 2.29 0.00	37.12 2.13 0.00	40.34 2.64 0.00	45.19 2.52 0.00	48.25 2.17 0.00	50.26 2.16 0.00	52.02 2.05 0.00	55.00 2.12 0.00	59.22 2.05 -0.37	61.26 1.66 -0.30	70.64 1.71 -0.46	79.12 2.30 -0.18	80.36 2.26 0.00	80.91 1.90 0.00	76.63 0.98 0.00	69.62 0.55 0.00	59.80 1.91 0.00	51.69 1.99 0.00
KIAC_JFK_GT2 23817	46.70 2.77 0.00	41.48 2.57 0.00	38.64 2.15 0.00	36.72 1.95 0.00	36.38 1.86 0.00	35.50 1.91 0.00	36.42 2.29 0.00	37.12 2.13 0.00	40.34 2.64 0.00	45.19 2.52 0.00	48.25 2.17 0.00	50.26 2.16 0.00	52.02 2.05 0.00	55.00 2.12 0.00	59.22 2.05 -0.37	61.26 1.66 -0.30	70.64 1.71 -0.46	79.12 2.30 -0.18	80.36 2.26 0.00	80.91 1.90 0.00	76.63 0.98 0.00	69.62 0.55 0.00	59.80 1.91 0.00	51.69 1.99 0.00
KIAC_JFK____ 323774	46.71 2.77 0.00	41.44 2.53 0.00	38.64 2.15 0.00	36.72 1.95 0.00	36.38 1.86 0.00	35.50 1.91 0.00	36.42 2.29 0.00	37.08 2.10 0.00	40.34 2.64 0.00	45.19 2.52 0.00	48.25 2.17 0.00	50.21 2.11 0.00	52.02 2.05 0.00	54.95 2.06 0.00	58.94 1.76 -0.37	61.25 1.66 -0.30	70.64 1.71 -0.46	79.12 2.30 -0.18	80.36 2.27 0.00	80.91 1.89 0.00	76.71 1.06 0.00	69.62 0.55 0.00	59.80 1.91 0.00	51.69 1.99 0.00
KINTIGH__24_KV_GSU 356498	43.06 -0.88 0.00	39.53 0.62 0.00	37.18 0.69 0.00	34.67 -0.10 0.00	34.31 -0.21 0.00	33.25 -0.34 0.00	33.76 -0.37 0.00	35.37 0.39 0.00	38.23 0.53 0.00	42.55 -0.13 0.00	45.99 -0.09 0.00	48.24 0.14 0.00	50.82 0.85 0.00	54.26 1.37 0.00	59.48 2.67 0.00	61.97 2.67 0.00	71.07 2.60 0.00	80.78 4.14 0.00	82.55 4.45 0.00	83.84 4.82 0.00	78.45 2.80 0.00	71.28 2.21 0.00	58.76 0.87 0.00	51.29 1.59 0.00
KINTIGH____ 23543	43.06 -0.88 0.00	39.26 0.35 0.00	37.18 0.69 0.00	34.67 -0.10 0.00	34.31 -0.21 0.00	33.25 -0.34 0.00	33.72 -0.41 0.00	35.30 0.31 0.00	38.23 0.53 0.00	42.55 -0.13 0.00	45.94 -0.14 0.00	48.24 0.14 0.00	50.82 0.85 0.00	54.16 1.27 0.00	58.85 2.05 0.00	61.97 2.67 0.00	71.07 2.60 0.00	80.79 4.14 0.00	82.55 4.45 0.00	83.83 4.82 0.00	78.45 2.80 0.00	71.28 2.21 0.00	58.82 0.93 0.00	51.24 1.54 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	44.68 0.75 0.00	39.26 0.35 0.00	36.64 0.15 0.00	34.91 0.14 0.00	34.62 0.10 0.00	33.66 0.07 0.00	34.23 0.10 0.00	35.30 0.31 0.00	38.27 0.57 0.00	43.91 1.24 0.00	47.69 1.61 0.00	49.06 0.96 0.00	50.72 0.75 0.00	53.63 0.74 0.00	57.72 0.91 0.00	60.25 0.95 0.00	69.70 1.23 0.00	77.57 0.92 0.00	78.88 0.78 0.00	80.04 1.03 0.00	77.47 1.82 0.00	70.72 1.66 0.00	58.93 1.04 0.00	50.40 0.70 0.00
LACHUTE____HYDRO 323717	48.33 4.39 0.00	42.88 3.97 0.00	40.14 3.65 0.00	38.18 3.41 0.00	37.93 3.42 0.00	36.81 3.22 0.00	36.83 2.70 0.00	38.31 3.33 0.00	41.17 3.47 0.00	45.53 2.86 0.00	48.80 2.72 0.00	51.94 3.85 0.00	53.82 3.85 0.00	56.75 3.86 0.00	59.55 3.07 0.33	62.06 3.02 0.26	71.55 3.49 0.40	81.09 4.60 0.16	85.60 7.50 0.00	87.08 8.06 0.00	83.29 7.64 0.00	76.32 7.25 0.00	64.02 6.13 0.00	54.37 4.67 0.00
LAWRNCV_115KV_TB1 80681	44.24 0.31 0.00	38.79 -0.12 0.00	36.27 -0.22 0.00	34.56 -0.21 0.00	34.38 -0.14 0.00	33.45 -0.13 0.00	33.93 -0.20 0.00	34.88 -0.10 0.00	37.70 0.00 0.00	43.23 0.55 0.00	47.05 0.97 0.00	48.82 0.72 0.00	50.62 0.65 0.00	53.52 0.63 0.00	57.60 0.80 0.00	60.13 0.83 0.00	69.36 0.89 0.00	77.26 0.61 0.00	78.57 0.47 0.00	79.88 0.87 0.00	77.54 1.89 0.00	71.07 2.00 0.00	59.34 1.45 0.00	50.69 0.99 0.00
LEDERLE____ 23769	46.40 2.46 0.00	41.28 2.37 0.00	38.53 2.04 0.00	36.65 1.88 0.00	36.34 1.83 0.00	35.44 1.85 0.00	36.18 2.05 0.00	36.80 1.82 0.00	39.81 2.11 0.00	44.64 1.96 0.00	48.02 1.94 0.00	50.07 1.97 0.00	51.92 1.95 0.00	54.90 2.01 0.00	59.20 2.05 -0.34	61.41 1.84 -0.28	71.15 2.26 -0.43	79.72 2.91 -0.16	81.07 2.97 0.00	81.78 2.77 0.00	77.47 1.82 0.00	70.45 1.38 0.00	59.63 1.74 0.00	51.39 1.69 0.00
LIGHTHSE_115KV_TB6 355974	44.20 0.26 0.00	39.34 0.43 0.00	36.93 0.44 0.00	35.05 0.28 0.00	34.86 0.35 0.00	33.93 0.34 0.00	34.37 0.24 0.00	35.33 0.35 0.00	38.00 0.30 0.00	42.85 0.17 0.00	46.36 0.28 0.00	48.38 0.29 0.00	50.27 0.30 0.00	53.26 0.37 0.00	57.09 0.28 0.00	59.71 0.42 0.00	68.81 0.34 0.00	77.64 1.00 0.00	79.74 1.64 0.00	81.07 2.05 0.00	77.62 1.97 0.00	70.79 1.73 0.00	58.93 1.04 0.00	50.64 0.94 0.00
LINDEN COGEN____ 23786	46.53 2.59 0.00	41.28 2.37 0.00	38.57 2.08 0.00	36.65 1.88 0.00	36.34 1.83 0.00	35.47 1.88 0.00	36.32 2.19 0.00	36.91 1.92 0.00	40.08 2.38 0.00	44.89 2.22 0.00	48.20 2.12 0.00	50.16 2.07 0.00	51.87 1.90 0.00	52.33 1.90 2.46	52.24 1.53 6.10	53.85 1.36 6.81	60.46 1.71 9.72	64.26 2.30 14.68	60.41 2.27 19.95	54.88 1.82 25.95	54.22 0.98 22.42	54.55 0.62 15.14	53.21 1.45 6.13	51.34 1.64 0.00
LINDHRST_69_KV_BK1 356055	47.80 3.87 0.00	42.61 3.70 0.00	39.66 3.17 0.00	37.35 2.57 0.00	37.14 2.62 0.00	36.24 2.65 0.00	36.86 2.73 0.00	37.40 2.41 0.00	40.87 3.17 0.00	46.26 3.58 0.00	48.57 2.49 0.00	50.07 1.97 0.00	50.47 1.65 1.15	51.74 1.69 2.84	54.29 1.70 4.22	59.17 1.48 1.61	70.12 1.85 0.19	68.65 2.45 10.45	67.03 2.42 13.49	62.61 2.13 18.54	58.89 1.21 17.97	56.44 0.90 13.52	51.90 1.22 7.20	49.85 1.29 1.15
LIPA_MISC_IPP 23656	47.14 3.21 0.00	42.06 3.15 0.00	39.15 2.66 0.00	36.86 2.09 0.00	36.72 2.21 0.00	35.84 2.25 0.00	36.35 2.22 0.00	36.91 1.92 0.00	40.38 2.68 0.00	45.83 3.16 0.00	47.88 1.80 0.00	49.30 1.20 0.00	49.44 0.80 1.33	50.43 0.85 3.30	52.58 0.80 5.02	57.64 0.47 2.13	68.35 0.75 0.87	65.31 1.07 12.41	63.50 1.09 15.69	58.10 0.63 21.55	54.61 -0.15 20.89	52.88 -0.41 15.77	49.57 0.06 8.37	48.57 0.20 1.33
LISF____SOLAR 323691	47.23 3.30 0.00	42.10 3.19 0.00	39.23 2.74 0.00	36.93 2.16 0.00	36.79 2.28 0.00	35.91 2.32 0.00	36.42 2.29 0.00	36.73 1.75 0.00	40.45 2.75 0.00	45.92 3.24 0.00	47.79 1.71 0.00	49.10 1.01 0.00	49.54 0.90 1.33	50.49 0.90 3.30	52.52 0.74 5.02	57.73 0.59 2.16	68.48 0.96 0.94	65.61 1.38 12.42	63.76 1.33 15.67	58.37 0.87 21.52	54.86 0.08 20.86	53.11 -0.21 15.75	49.76 0.23 8.36	48.72 0.35 1.33
LITTLE FALLS____HYD 24013	43.45 -0.48 0.00	38.56 -0.35 0.00	36.16 -0.33 0.00	34.46 -0.31 0.00	34.24 -0.28 0.00	33.29 -0.30 0.00	33.79 -0.34 0.00	34.63 -0.35 0.00	37.32 -0.38 0.00	42.21 -0.47 0.00	45.62 -0.46 0.00	47.56 -0.53 0.00	49.47 -0.50 0.00	52.31 -0.58 0.00	56.13 -0.68 0.00	58.53 -0.77 0.00	67.51 -0.96 0.00	75.65 -1.00 0.00	77.40 -0.70 0.00	78.38 -0.63 0.00	75.05 -0.61 0.00	68.51 -0.55 0.00	57.43 -0.46 0.00	49.20 -0.50 0.00

LITTLRIV_115KV_TB1 356100	44.82 0.88 0.00	39.30 0.39 0.00	36.74 0.26 0.00	35.02 0.24 0.00	34.86 0.35 0.00	33.93 0.34 0.00	34.34 0.20 0.00	35.26 0.28 0.00	38.08 0.38 0.00	43.57 0.90 0.00	47.37 1.29 0.00	49.15 1.06 0.00	50.92 0.95 0.00	53.84 0.95 0.00	57.89 1.08 0.00	60.48 1.19 0.00	69.90 1.44 0.00	77.95 1.30 0.00	79.58 1.48 0.00	81.15 2.13 0.00	79.06 3.40 0.00	72.45 3.38 0.00	60.38 2.49 0.00	51.49 1.79 0.00
LI_NEWBRDGE___DRP 323616	46.97 3.03 0.00	41.83 2.92 0.00	38.97 2.48 0.00	36.75 1.98 0.00	36.55 2.04 0.00	35.67 2.08 0.00	36.32 2.18 0.00	36.84 1.85 0.00	40.23 2.53 0.00	45.45 2.77 0.00	47.83 1.75 0.00	49.34 1.25 0.00	49.59 1.05 1.43	50.34 1.00 3.56	52.47 0.97 5.31	58.10 0.59 1.79	69.73 0.82 -0.44	65.08 1.23 12.80	62.48 1.25 16.87	56.67 0.87 23.21	53.23 0.08 22.50	52.00 -0.21 16.86	49.28 0.41 9.02	48.86 0.60 1.43
LOCKPORT_115KV_TB60_63_64 80432	43.01 -0.92 0.00	39.46 0.54 0.00	37.44 0.95 0.00	34.74 -0.03 0.00	34.00 -0.52 0.00	33.29 -0.30 0.00	33.79 -0.34 0.00	35.54 0.56 0.00	38.11 0.41 0.00	42.25 -0.43 0.00	45.66 -0.41 0.00	48.00 -0.10 0.00	50.62 0.65 0.00	54.05 1.16 0.00	58.85 2.05 0.00	62.03 2.73 0.00	71.07 2.60 0.00	81.02 4.37 0.00	82.86 4.76 0.00	84.23 5.21 0.00	78.45 2.80 0.00	71.21 2.14 0.00	58.70 0.81 0.00	51.59 1.89 0.00
LOCKPORT___CC1 323769	42.84 -1.10 0.00	39.65 0.74 0.00	37.29 0.80 0.00	34.60 -0.17 0.00	33.93 -0.59 0.00	33.15 -0.44 0.00	33.35 -0.78 0.00	35.47 0.49 0.00	38.27 0.57 0.00	42.21 -0.47 0.00	45.62 -0.46 0.00	47.90 -0.19 0.00	50.47 0.50 0.00	53.94 1.06 0.00	59.42 2.61 0.00	61.79 2.49 0.00	70.79 2.33 0.00	80.71 4.06 0.00	82.55 4.45 0.00	83.92 4.90 0.00	78.14 2.49 0.00	70.93 1.87 0.00	58.47 0.58 0.00	51.39 1.69 0.00
LOCKPORT___CC2 323770	42.84 -1.10 0.00	39.65 0.74 0.00	37.29 0.80 0.00	34.60 -0.17 0.00	33.93 -0.59 0.00	33.15 -0.44 0.00	33.35 -0.78 0.00	35.47 0.49 0.00	38.27 0.57 0.00	42.21 -0.47 0.00	45.62 -0.46 0.00	47.90 -0.19 0.00	50.47 0.50 0.00	53.94 1.06 0.00	59.42 2.61 0.00	61.79 2.49 0.00	70.79 2.33 0.00	80.71 4.06 0.00	82.55 4.45 0.00	83.92 4.90 0.00	78.14 2.49 0.00	70.93 1.87 0.00	58.47 0.58 0.00	51.39 1.69 0.00
LOCKPORT___CC3 323771	42.84 -1.10 0.00	39.65 0.74 0.00	37.29 0.80 0.00	34.60 -0.17 0.00	33.93 -0.59 0.00	33.15 -0.44 0.00	33.35 -0.78 0.00	35.47 0.49 0.00	38.27 0.57 0.00	42.21 -0.47 0.00	45.62 -0.46 0.00	47.90 -0.19 0.00	50.47 0.50 0.00	53.94 1.06 0.00	59.42 2.61 0.00	61.79 2.49 0.00	70.79 2.33 0.00	80.71 4.06 0.00	82.55 4.45 0.00	83.92 4.90 0.00	78.14 2.49 0.00	70.93 1.87 0.00	58.47 0.58 0.00	51.39 1.69 0.00
LOCUSVLY_69_KV_BK2 55797	47.32 3.38 0.00	42.10 3.19 0.00	39.23 2.74 0.00	37.07 2.29 0.00	36.83 2.31 0.00	35.94 2.35 0.00	36.62 2.49 0.00	37.19 2.20 0.00	40.57 2.87 0.00	45.79 3.12 0.00	48.48 2.40 0.00	50.16 2.07 0.00	51.20 1.90 0.67	53.23 2.01 1.67	56.56 2.05 2.29	60.28 1.66 0.68	70.97 2.05 -0.45	73.34 2.61 5.91	72.76 2.58 7.92	70.34 2.21 10.89	66.38 1.29 10.56	62.05 0.90 7.91	55.05 1.39 4.23	50.42 1.39 0.67
LONG_LAKE_PHOENIX 24014	43.41 -0.53 0.00	38.68 -0.23 0.00	36.34 -0.15 0.00	34.49 -0.28 0.00	34.24 -0.28 0.00	33.29 -0.30 0.00	33.79 -0.34 0.00	34.74 -0.24 0.00	37.44 -0.26 0.00	42.21 -0.47 0.00	45.57 -0.51 0.00	47.66 -0.43 0.00	49.57 -0.40 0.00	52.57 -0.32 0.00	56.41 -0.40 0.00	58.94 -0.36 0.00	67.99 -0.48 0.00	76.49 -0.15 0.00	78.41 0.31 0.00	79.41 0.40 0.00	75.50 -0.15 0.00	68.79 -0.28 0.00	57.49 -0.41 0.00	49.45 -0.25 0.00
LOVETT___3 23632	46.09 2.15 0.00	41.01 2.10 0.00	38.28 1.79 0.00	36.41 1.63 0.00	36.14 1.62 0.00	35.24 1.65 0.00	36.01 1.88 0.00	36.59 1.61 0.00	39.58 1.88 0.00	44.38 1.71 0.00	47.69 1.61 0.00	49.73 1.64 0.00	51.57 1.60 0.00	54.47 1.59 0.00	58.75 1.59 -0.35	60.88 1.30 -0.28	70.54 1.64 -0.43	78.96 2.15 -0.17	80.36 2.26 0.00	80.91 1.90 0.00	76.71 1.06 0.00	69.76 0.69 0.00	59.11 1.22 0.00	50.94 1.24 0.00
LOVETT___4 23642	46.09 2.15 0.00	41.01 2.10 0.00	38.28 1.79 0.00	36.41 1.63 0.00	36.14 1.62 0.00	35.24 1.65 0.00	36.01 1.88 0.00	36.59 1.61 0.00	39.58 1.88 0.00	44.38 1.71 0.00	47.69 1.61 0.00	49.73 1.64 0.00	51.57 1.60 0.00	54.47 1.59 0.00	58.75 1.59 -0.35	60.88 1.30 -0.28	70.54 1.64 -0.43	78.96 2.15 -0.17	80.36 2.26 0.00	80.91 1.90 0.00	76.71 1.06 0.00	69.76 0.69 0.00	59.11 1.22 0.00	50.94 1.24 0.00
LOVETT___5 23593	46.09 2.15 0.00	41.01 2.10 0.00	38.28 1.79 0.00	36.41 1.63 0.00	36.14 1.62 0.00	35.24 1.65 0.00	36.01 1.88 0.00	36.59 1.61 0.00	39.58 1.88 0.00	44.38 1.71 0.00	47.69 1.61 0.00	49.73 1.64 0.00	51.57 1.60 0.00	54.47 1.59 0.00	58.75 1.59 -0.35	60.88 1.30 -0.28	70.54 1.64 -0.43	78.96 2.15 -0.17	80.36 2.26 0.00	80.91 1.90 0.00	76.71 1.06 0.00	69.76 0.69 0.00	59.11 1.22 0.00	50.94 1.24 0.00
LOWER RAQUET___HYD 24057	44.25 0.31 0.00	38.79 -0.12 0.00	36.31 -0.18 0.00	34.60 -0.17 0.00	34.41 -0.10 0.00	33.46 -0.13 0.00	33.96 -0.17 0.00	34.88 -0.10 0.00	37.70 0.00 0.00	43.23 0.55 0.00	47.05 0.97 0.00	48.86 0.77 0.00	50.62 0.65 0.00	53.52 0.64 0.00	57.54 0.74 0.00	60.13 0.83 0.00	69.35 0.89 0.00	77.26 0.61 0.00	78.72 0.62 0.00	80.04 1.02 0.00	77.77 2.12 0.00	71.28 2.21 0.00	59.45 1.56 0.00	50.75 1.05 0.00
LOWER___HUDSON 24059	45.34 1.41 0.00	40.31 1.40 0.00	37.88 1.39 0.00	36.13 1.35 0.00	35.86 1.34 0.00	34.90 1.31 0.00	35.36 1.23 0.00	36.17 1.19 0.00	38.83 1.13 0.00	43.40 0.72 0.00	46.68 0.60 0.00	48.96 0.87 0.00	50.82 0.85 0.00	53.57 0.69 0.00	56.71 0.34 0.44	59.18 0.24 0.35	68.34 0.41 0.54	77.13 0.69 0.21	79.51 1.41 0.00	80.36 1.34 0.00	76.48 0.83 0.00	69.83 0.76 0.00	58.87 0.98 0.00	50.45 0.75 0.00
LOWVILLE_115KV_TB2 356335	45.03 1.10 0.00	39.88 0.97 0.00	37.55 1.06 0.00	35.64 0.87 0.00	35.55 1.04 0.00	34.60 1.01 0.00	35.02 0.89 0.00	35.96 0.98 0.00	38.68 0.98 0.00	43.74 1.07 0.00	47.74 1.66 0.00	49.63 1.54 0.00	51.52 1.55 0.00	54.47 1.59 0.00	58.51 1.70 0.00	61.20 1.90 0.00	70.72 2.26 0.00	79.71 3.07 0.00	82.32 4.22 0.00	83.91 4.90 0.00	80.80 5.14 0.00	73.69 4.63 0.00	60.79 2.89 0.00	52.33 2.63 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	46.09 2.15 0.00	40.97 2.06 0.00	38.42 1.93 0.00	36.62 1.84 0.00	36.34 1.83 0.00	35.34 1.75 0.00	35.70 1.57 0.00	36.73 1.75 0.00	39.43 1.73 0.00	44.00 1.32 0.00	47.28 1.20 0.00	49.78 1.68 0.00	51.62 1.65 0.00	54.53 1.64 0.00	57.78 1.31 0.34	60.15 1.13 0.27	69.35 1.30 0.42	78.33 1.84 0.16	81.22 3.12 0.00	82.25 3.24 0.00	78.37 2.72 0.00	71.62 2.56 0.00	60.26 2.37 0.00	51.54 1.84 0.00

LUTHERNY_35_KV_BK2 355980	46.13 2.20 0.00	41.01 2.10 0.00	38.42 1.93 0.00	36.62 1.84 0.00	36.38 1.86 0.00	35.37 1.78 0.00	35.74 1.60 0.00	36.73 1.75 0.00	39.43 1.73 0.00	44.00 1.32 0.00	47.32 1.24 0.00	49.83 1.73 0.00	51.67 1.70 0.00	54.58 1.69 0.00	57.83 1.36 0.34	60.21 1.19 0.27	69.42 1.37 0.42	78.40 1.92 0.16	81.30 3.20 0.00	82.33 3.32 0.00	78.45 2.80 0.00	71.69 2.62 0.00	60.32 2.43 0.00	51.59 1.89 0.00
LWR___OSWEGATCHIE_HYD 23850	44.68 0.75 0.00	39.38 0.47 0.00	36.96 0.47 0.00	35.12 0.35 0.00	35.00 0.48 0.00	34.06 0.47 0.00	34.51 0.38 0.00	35.44 0.45 0.00	38.19 0.49 0.00	43.44 0.77 0.00	47.32 1.24 0.00	49.15 1.06 0.00	50.97 1.00 0.00	53.89 1.00 0.00	57.94 1.14 0.00	60.60 1.30 0.00	69.97 1.51 0.00	78.49 1.84 0.00	80.60 2.50 0.00	82.10 3.08 0.00	79.43 3.78 0.00	72.59 3.52 0.00	60.21 2.32 0.00	51.59 1.89 0.00
LYONS_FALL_HYD 23570	45.04 1.10 0.00	39.96 1.05 0.00	37.55 1.06 0.00	35.64 0.87 0.00	35.55 1.03 0.00	34.60 1.01 0.00	35.05 0.92 0.00	36.00 1.02 0.00	38.72 1.02 0.00	43.78 1.11 0.00	47.60 1.52 0.00	49.59 1.49 0.00	51.47 1.50 0.00	54.47 1.59 0.00	58.51 1.70 0.00	61.14 1.84 0.00	70.59 2.12 0.00	79.48 2.84 0.00	81.85 3.75 0.00	83.28 4.26 0.00	80.04 4.39 0.00	72.93 3.87 0.00	60.43 2.54 0.00	51.94 2.24 0.00
MADISON___COUNTY_LFGE 323628	45.17 1.23 0.00	40.16 1.25 0.00	37.69 1.20 0.00	35.82 1.04 0.00	35.65 1.14 0.00	34.70 1.11 0.00	35.16 1.02 0.00	36.10 1.12 0.00	38.83 1.13 0.00	43.83 1.15 0.00	47.42 1.34 0.00	49.44 1.35 0.00	51.42 1.45 0.00	54.53 1.64 0.00	58.57 1.76 0.00	61.25 1.96 0.00	70.66 2.19 0.00	79.56 2.91 0.00	81.85 3.75 0.00	83.04 4.03 0.00	79.36 3.71 0.00	72.24 3.18 0.00	60.21 2.32 0.00	51.59 1.89 0.00
MALONE___115KV_TB1 356076	44.60 0.66 0.00	39.11 0.19 0.00	36.53 0.04 0.00	34.81 0.03 0.00	34.55 0.03 0.00	33.59 0.00 0.00	34.17 0.03 0.00	35.23 0.24 0.00	38.15 0.45 0.00	43.87 1.19 0.00	47.65 1.57 0.00	49.30 1.20 0.00	51.07 1.10 0.00	54.00 1.11 0.00	58.11 1.31 0.00	60.60 1.30 0.00	70.11 1.64 0.00	78.03 1.38 0.00	79.43 1.33 0.00	80.67 1.66 0.00	78.15 2.50 0.00	71.41 2.35 0.00	59.45 1.56 0.00	50.79 1.09 0.00
MAPLEWOD_115KV_TB3 80458	44.90 0.97 0.00	39.96 1.05 0.00	37.51 1.02 0.00	35.82 1.04 0.00	35.55 1.04 0.00	34.60 1.01 0.00	35.05 0.92 0.00	35.86 0.87 0.00	38.45 0.75 0.00	42.97 0.30 0.00	46.26 0.18 0.00	48.48 0.38 0.00	50.32 0.35 0.00	53.15 0.26 0.00	56.48 0.00 0.32	58.80 -0.24 0.26	67.86 -0.21 0.40	76.49 0.00 0.15	78.72 0.62 0.00	79.57 0.55 0.00	75.73 0.08 0.00	69.13 0.07 0.00	58.35 0.46 0.00	50.00 0.30 0.00
MAPLE_RIDGE_WT_1 323574	43.41 -0.53 0.00	38.37 -0.54 0.00	36.05 -0.44 0.00	34.42 -0.35 0.00	34.20 -0.31 0.00	33.29 -0.30 0.00	33.82 -0.31 0.00	34.70 -0.28 0.00	37.44 -0.26 0.00	42.55 -0.13 0.00	45.99 -0.09 0.00	48.00 -0.10 0.00	49.87 -0.10 0.00	52.78 -0.11 0.00	56.64 -0.17 0.00	59.12 -0.18 0.00	68.33 -0.14 0.00	76.34 -0.31 0.00	77.79 -0.31 0.00	78.70 -0.31 0.00	75.42 -0.23 0.00	68.79 -0.28 0.00	57.55 -0.35 0.00	49.35 -0.35 0.00
MAPLE_RIDGE_WT_2 323611	43.41 -0.53 0.00	38.37 -0.54 0.00	36.05 -0.44 0.00	34.42 -0.35 0.00	34.20 -0.31 0.00	33.29 -0.30 0.00	33.82 -0.31 0.00	34.70 -0.28 0.00	37.44 -0.26 0.00	42.55 -0.13 0.00	45.99 -0.09 0.00	48.00 -0.10 0.00	49.87 -0.10 0.00	52.78 -0.11 0.00	56.64 -0.17 0.00	59.12 -0.18 0.00	68.33 -0.14 0.00	76.34 -0.31 0.00	77.79 -0.31 0.00	78.70 -0.31 0.00	75.42 -0.23 0.00	68.79 -0.28 0.00	57.55 -0.35 0.00	49.35 -0.35 0.00
MARBLE_RIVER_WT_PWR 323696	44.02 0.09 0.00	38.64 -0.27 0.00	36.12 -0.36 0.00	34.42 -0.35 0.00	34.13 -0.38 0.00	33.22 -0.37 0.00	33.79 -0.34 0.00	34.74 -0.24 0.00	37.66 -0.04 0.00	43.23 0.55 0.00	46.91 0.83 0.00	48.57 0.48 0.00	50.17 0.20 0.00	53.10 0.21 0.00	57.09 0.29 0.00	59.66 0.36 0.00	68.88 0.41 0.00	76.65 0.00 0.00	77.79 -0.31 0.00	78.86 -0.16 0.00	76.25 0.60 0.00	69.76 0.69 0.00	58.18 0.29 0.00	49.80 0.10 0.00
MARSHVLE_115KV_TB1 80742	47.93 4.00 0.00	42.57 3.66 0.00	39.88 3.39 0.00	37.94 3.16 0.00	37.72 3.21 0.00	36.68 3.09 0.00	36.97 2.83 0.00	38.13 3.15 0.00	40.83 3.13 0.00	45.58 2.90 0.00	49.07 3.00 0.00	51.56 3.46 0.00	53.47 3.50 0.00	56.59 3.70 0.00	59.91 3.29 0.20	62.40 3.26 0.16	72.06 3.83 0.24	81.31 4.75 0.09	84.74 6.64 0.00	86.92 7.90 0.00	83.22 7.57 0.00	75.97 6.91 0.00	63.56 5.67 0.00	54.27 4.57 0.00
MARSH_HILL_WT_PWR 323713	44.20 0.27 0.00	40.23 1.32 0.00	37.73 1.24 0.00	35.29 0.52 0.00	34.89 0.38 0.00	33.96 0.37 0.00	34.47 0.34 0.00	35.96 0.98 0.00	38.83 1.13 0.00	43.27 0.60 0.00	46.68 0.60 0.00	48.82 0.72 0.00	51.02 1.05 0.00	54.58 1.69 0.00	59.65 2.84 0.00	62.26 2.96 0.00	71.68 3.22 0.00	81.78 5.14 0.00	84.42 6.32 0.00	86.36 7.35 0.00	81.02 5.37 0.00	73.55 4.49 0.00	60.73 2.84 0.00	52.53 2.83 0.00
MCINTYRE_115KV_TB2 80467	45.08 1.14 0.00	39.49 0.58 0.00	36.93 0.44 0.00	35.16 0.38 0.00	35.03 0.52 0.00	34.09 0.50 0.00	34.51 0.38 0.00	35.37 0.38 0.00	38.11 0.41 0.00	43.66 0.98 0.00	47.42 1.34 0.00	49.15 1.06 0.00	50.97 1.00 0.00	53.84 0.95 0.00	57.89 1.08 0.00	60.54 1.25 0.00	69.97 1.51 0.00	78.10 1.46 0.00	79.74 1.64 0.00	81.54 2.53 0.00	79.51 3.86 0.00	72.86 3.80 0.00	60.67 2.78 0.00	51.74 2.04 0.00
MECO_____69_KV_BK1 80468	48.11 4.17 0.00	42.69 3.77 0.00	39.99 3.50 0.00	38.08 3.30 0.00	37.83 3.31 0.00	36.78 3.19 0.00	37.00 2.87 0.00	38.31 3.32 0.00	41.02 3.32 0.00	45.66 2.99 0.00	49.17 3.09 0.00	51.80 3.70 0.00	53.67 3.70 0.00	56.85 3.97 0.00	60.17 3.58 0.22	62.62 3.50 0.17	72.30 4.11 0.27	81.83 5.29 0.10	85.44 7.34 0.00	87.23 8.22 0.00	83.37 7.72 0.00	76.11 7.04 0.00	63.80 5.90 0.00	54.37 4.67 0.00
MENANDS___115KV_TB5 355628	44.55 0.62 0.00	39.69 0.78 0.00	37.29 0.80 0.00	35.61 0.83 0.00	35.34 0.83 0.00	34.40 0.81 0.00	34.88 0.75 0.00	35.61 0.63 0.00	38.23 0.53 0.00	42.72 0.04 0.00	45.94 -0.14 0.00	48.09 0.00 0.00	49.97 0.00 0.00	52.73 -0.16 0.00	56.03 -0.45 0.32	58.33 -0.71 0.26	67.31 -0.75 0.40	75.88 -0.61 0.15	78.02 -0.08 0.00	78.78 -0.24 0.00	74.97 -0.68 0.00	68.44 -0.62 0.00	57.77 -0.12 0.00	49.55 -0.15 0.00
MG INDUSTRY___DRP 24185	43.67 -0.26 0.00	38.87 -0.04 0.00	36.49 0.00 0.00	34.91 0.14 0.00	34.65 0.14 0.00	33.72 0.13 0.00	34.13 0.00 0.00	34.91 -0.07 0.00	37.40 -0.30 0.00	41.82 -0.85 0.00	44.97 -1.11 0.00	47.04 -1.06 0.00	48.76 -1.15 0.07	50.44 -1.32 1.12	52.87 -1.70 2.23	54.48 -1.96 2.86	60.86 -2.19 5.41	66.77 -2.30 7.57	68.31 -1.80 8.00	68.97 -1.82 8.22	66.42 -2.04 7.18	67.18 -1.86 0.02	56.72 -1.16 0.02	48.40 -1.04 0.25

MID___OSWEGATCHIE_HYD 23849	44.68 0.75 0.00	39.38 0.47 0.00	36.96 0.47 0.00	35.12 0.35 0.00	35.00 0.48 0.00	34.06 0.47 0.00	34.51 0.38 0.00	35.44 0.45 0.00	38.19 0.49 0.00	43.44 0.77 0.00	47.32 1.24 0.00	49.15 1.06 0.00	50.97 1.00 0.00	53.89 1.00 0.00	57.94 1.14 0.00	60.60 1.30 0.00	69.97 1.51 0.00	78.49 1.84 0.00	80.60 2.50 0.00	82.10 3.08 0.00	79.43 3.78 0.00	72.59 3.52 0.00	60.21 2.32 0.00	51.59 1.89 0.00
MID___RAQUETTE_HYD 23851	44.24 0.31 0.00	38.79 -0.12 0.00	36.31 -0.18 0.00	34.60 -0.17 0.00	34.41 -0.10 0.00	33.45 -0.13 0.00	33.96 -0.17 0.00	34.88 -0.10 0.00	37.70 0.00 0.00	43.23 0.55 0.00	47.05 0.97 0.00	48.82 0.72 0.00	50.62 0.65 0.00	53.52 0.63 0.00	57.55 0.74 0.00	60.13 0.83 0.00	69.36 0.89 0.00	77.26 0.61 0.00	78.72 0.62 0.00	80.04 1.03 0.00	77.77 2.12 0.00	71.28 2.21 0.00	59.45 1.56 0.00	50.74 1.04 0.00
MILLIKEN___1 23584	44.90 0.97 0.00	40.08 1.17 0.00	37.66 1.17 0.00	35.68 0.90 0.00	35.38 0.86 0.00	34.43 0.84 0.00	34.95 0.82 0.00	36.00 1.01 0.00	38.76 1.06 0.00	43.61 0.94 0.00	47.05 0.97 0.00	49.15 1.06 0.00	51.12 1.15 0.00	54.26 1.38 0.00	58.45 1.65 0.00	61.20 1.90 0.00	70.59 2.12 0.00	79.87 3.22 0.00	82.16 4.06 0.00	83.44 4.42 0.00	79.13 3.48 0.00	71.97 2.90 0.00	59.97 2.08 0.00	51.49 1.79 0.00
MILLIKEN___2 23585	44.90 0.97 0.00	40.08 1.17 0.00	37.66 1.17 0.00	35.68 0.90 0.00	35.38 0.86 0.00	34.43 0.84 0.00	34.95 0.82 0.00	36.00 1.01 0.00	38.76 1.06 0.00	43.61 0.94 0.00	47.05 0.97 0.00	49.15 1.06 0.00	51.12 1.15 0.00	54.26 1.38 0.00	58.45 1.65 0.00	61.20 1.90 0.00	70.59 2.12 0.00	79.87 3.22 0.00	82.16 4.06 0.00	83.44 4.42 0.00	79.13 3.48 0.00	71.97 2.90 0.00	59.97 2.08 0.00	51.49 1.79 0.00
MILLIKEN___DIESEL 23629	44.90 0.97 0.00	40.08 1.17 0.00	37.66 1.17 0.00	35.68 0.90 0.00	35.38 0.86 0.00	34.43 0.84 0.00	34.95 0.82 0.00	36.00 1.01 0.00	38.76 1.06 0.00	43.61 0.94 0.00	47.05 0.97 0.00	49.15 1.06 0.00	51.12 1.15 0.00	54.26 1.38 0.00	58.45 1.65 0.00	61.20 1.90 0.00	70.59 2.12 0.00	79.87 3.22 0.00	82.16 4.06 0.00	83.44 4.42 0.00	79.13 3.48 0.00	71.97 2.90 0.00	59.97 2.08 0.00	51.49 1.79 0.00
MILLSEAT___LFGE 323607	43.94 0.00 0.00	40.54 1.63 0.00	38.09 1.60 0.00	35.40 0.63 0.00	34.72 0.21 0.00	33.93 0.34 0.00	34.06 -0.07 0.00	36.17 1.19 0.00	38.98 1.28 0.00	43.10 0.43 0.00	46.59 0.51 0.00	48.91 0.82 0.00	51.52 1.55 0.00	55.11 2.22 0.00	60.56 3.75 0.00	63.15 3.85 0.00	72.43 3.97 0.00	82.70 6.05 0.00	84.73 6.63 0.00	86.36 7.35 0.00	80.64 4.99 0.00	73.14 4.07 0.00	60.27 2.37 0.00	52.68 2.98 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	46.27 2.33 0.00	41.13 2.22 0.00	38.42 1.93 0.00	36.55 1.77 0.00	36.24 1.73 0.00	35.37 1.78 0.00	36.15 2.01 0.00	36.73 1.75 0.00	39.77 2.07 0.00	44.60 1.92 0.00	47.92 1.84 0.00	49.92 1.83 0.00	51.72 1.75 0.00	54.69 1.80 0.00	58.99 1.82 -0.37	61.14 1.54 -0.30	70.77 1.85 -0.46	79.27 2.45 -0.17	80.60 2.50 0.00	81.23 2.21 0.00	76.94 1.29 0.00	69.96 0.90 0.00	59.34 1.45 0.00	51.14 1.44 0.00
MILLWOOD_13_KV_LOAD 356217	46.40 2.46 0.00	41.25 2.33 0.00	38.53 2.04 0.00	36.62 1.84 0.00	36.34 1.83 0.00	35.44 1.85 0.00	36.25 2.12 0.00	36.84 1.85 0.00	39.89 2.19 0.00	44.72 2.05 0.00	48.06 1.98 0.00	50.11 2.02 0.00	51.92 1.95 0.00	54.84 1.96 0.00	59.16 1.99 -0.37	61.37 1.78 -0.30	71.04 2.12 -0.46	79.58 2.76 -0.17	80.99 2.89 0.00	81.54 2.53 0.00	77.24 1.59 0.00	70.24 1.17 0.00	59.57 1.68 0.00	51.29 1.59 0.00
MODEL_CITY_ENERGY 24167	42.79 -1.14 0.00	39.65 0.74 0.00	37.29 0.80 0.00	34.63 -0.14 0.00	33.72 -0.79 0.00	33.15 -0.44 0.00	33.18 -0.96 0.00	35.47 0.49 0.00	38.19 0.49 0.00	41.95 -0.73 0.00	45.34 -0.74 0.00	47.61 -0.48 0.00	50.22 0.25 0.00	53.73 0.84 0.00	59.14 2.33 0.00	61.55 2.25 0.00	70.52 2.05 0.00	80.40 3.75 0.00	82.16 4.06 0.00	83.52 4.50 0.00	77.85 2.20 0.00	70.66 1.59 0.00	58.12 0.23 0.00	51.34 1.64 0.00
MODERN_LFGE___ 323580	42.79 -1.14 0.00	39.65 0.74 0.00	37.29 0.80 0.00	34.63 -0.14 0.00	33.72 -0.79 0.00	33.15 -0.44 0.00	33.18 -0.96 0.00	35.47 0.49 0.00	38.19 0.49 0.00	41.95 -0.73 0.00	45.34 -0.74 0.00	47.61 -0.48 0.00	50.22 0.25 0.00	53.73 0.84 0.00	59.14 2.33 0.00	61.55 2.25 0.00	70.52 2.05 0.00	80.40 3.75 0.00	82.16 4.06 0.00	83.52 4.50 0.00	77.85 2.20 0.00	70.66 1.59 0.00	58.12 0.23 0.00	51.34 1.64 0.00
MOHAWK_PAPER___DRP 24187	44.90 0.97 0.00	39.96 1.05 0.00	37.51 1.02 0.00	35.82 1.04 0.00	35.55 1.04 0.00	34.60 1.01 0.00	35.05 0.92 0.00	35.86 0.87 0.00	38.45 0.75 0.00	42.97 0.30 0.00	46.26 0.18 0.00	48.48 0.38 0.00	50.32 0.35 0.00	53.15 0.26 0.00	56.48 0.00 0.32	58.80 -0.24 0.26	67.86 -0.21 0.40	76.49 0.00 0.15	78.72 0.62 0.00	79.57 0.55 0.00	75.73 0.08 0.00	69.13 0.07 0.00	58.35 0.46 0.00	50.00 0.30 0.00
MOHICAN___35_KV_115KV_LD 80490	46.40 2.46 0.00	41.25 2.33 0.00	38.64 2.15 0.00	36.79 2.02 0.00	36.55 2.04 0.00	35.54 1.95 0.00	35.77 1.64 0.00	36.94 1.96 0.00	39.70 2.00 0.00	44.13 1.45 0.00	47.28 1.20 0.00	49.97 1.88 0.00	51.72 1.75 0.00	54.58 1.69 0.00	57.61 1.14 0.33	60.04 1.01 0.27	69.22 1.16 0.41	78.25 1.76 0.16	81.85 3.75 0.00	82.97 3.95 0.00	79.28 3.63 0.00	72.45 3.38 0.00	60.96 3.07 0.00	51.99 2.29 0.00
MONGAUP___HYD 23641	46.18 2.24 0.00	40.97 2.06 0.00	38.39 1.90 0.00	36.48 1.70 0.00	36.24 1.72 0.00	35.30 1.71 0.00	35.87 1.74 0.00	36.42 1.43 0.00	39.25 1.55 0.00	43.95 1.28 0.00	47.28 1.20 0.00	49.25 1.15 0.00	51.17 1.20 0.00	54.10 1.22 0.00	58.14 1.02 -0.31	60.61 1.07 -0.25	70.35 1.50 -0.38	79.02 2.22 -0.15	80.83 2.73 0.00	82.02 3.00 0.00	77.85 2.20 0.00	71.00 1.93 0.00	59.86 1.97 0.00	51.39 1.69 0.00
MONTAUK___DIESEL 23721	48.86 4.92 0.00	43.66 4.75 0.00	40.69 4.20 0.00	38.28 3.51 0.00	38.21 3.69 0.00	37.25 3.66 0.00	37.72 3.58 0.00	38.34 3.36 0.00	42.15 4.45 0.00	48.05 5.38 0.00	50.46 4.38 0.00	52.08 3.99 0.00	52.34 3.70 1.33	53.39 3.81 3.30	55.93 4.15 5.02	61.31 4.15 2.14	72.57 5.00 0.90	70.21 5.98 12.41	67.89 5.47 15.68	61.66 4.19 21.54	57.49 2.72 20.88	55.58 2.28 15.76	51.49 1.97 8.37	50.51 2.14 1.33
MOONROAD_115KV_HARTFLD_TB1-2 355988	43.59 -0.35 0.00	39.81 0.89 0.00	37.99 1.50 0.00	35.26 0.49 0.00	34.89 0.38 0.00	33.89 0.30 0.00	34.47 0.34 0.00	36.28 1.29 0.00	39.25 1.55 0.00	43.70 1.02 0.00	47.32 1.24 0.00	49.73 1.64 0.00	52.52 2.55 0.00	56.11 3.23 0.00	61.07 4.26 0.00	64.58 5.28 0.00	74.49 6.02 0.00	85.08 8.43 0.00	87.24 9.14 0.00	88.65 9.64 0.00	82.23 6.58 0.00	74.52 5.46 0.00	61.31 3.42 0.00	53.13 3.43 0.00

MORRIS_RIDGE___SOLAR 323848	43.54 -0.40 0.00	39.77 0.85 0.00	37.36 0.87 0.00	34.91 0.14 0.00	34.51 0.00 0.00	33.59 0.00 0.00	34.10 -0.03 0.00	35.61 0.63 0.00	38.41 0.71 0.00	42.72 0.04 0.00	46.08 0.00 0.00	48.14 0.05 0.00	50.52 0.55 0.00	54.00 1.11 0.00	59.08 2.27 0.00	61.61 2.31 0.00	70.86 2.40 0.00	80.71 4.06 0.00	83.10 5.00 0.00	84.86 5.85 0.00	79.58 3.93 0.00	72.24 3.18 0.00	59.69 1.80 0.00	51.79 2.09 0.00
MORTIMER_115KV_TB3 55949	43.85 -0.09 0.00	39.69 0.78 0.00	37.44 0.95 0.00	35.09 0.31 0.00	34.76 0.24 0.00	33.69 0.10 0.00	34.17 0.03 0.00	35.58 0.59 0.00	38.53 0.83 0.00	43.14 0.47 0.00	46.63 0.55 0.00	48.91 0.82 0.00	51.37 1.40 0.00	54.69 1.80 0.00	59.25 2.44 0.00	62.26 2.96 0.00	71.61 3.15 0.00	81.25 4.60 0.00	83.02 4.92 0.00	84.39 5.37 0.00	79.36 3.71 0.00	72.17 3.11 0.00	59.74 1.85 0.00	51.59 1.89 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.75 2.81 0.00	41.56 2.65 0.00	38.75 2.26 0.00	36.82 2.05 0.00	36.52 2.00 0.00	35.60 2.02 0.00	36.45 2.32 0.00	37.05 2.06 0.00	40.19 2.49 0.00	45.02 2.35 0.00	48.38 2.30 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.16 2.27 0.00	59.39 2.22 -0.37	61.43 1.84 -0.30	71.18 2.26 -0.46	79.74 2.91 -0.18	80.99 2.89 0.00	81.62 2.61 0.00	77.32 1.66 0.00	70.31 1.24 0.00	59.69 1.79 0.00	51.59 1.89 0.00
MUNSVILLE_WIND_PWR 323609	47.37 3.43 0.00	42.34 3.42 0.00	39.63 3.14 0.00	37.52 2.75 0.00	37.55 3.04 0.00	36.65 3.06 0.00	37.10 2.97 0.00	38.38 3.39 0.00	41.28 3.58 0.00	46.47 3.80 0.00	50.37 4.29 0.00	52.33 4.23 0.00	54.42 4.45 0.00	57.70 4.81 0.00	62.26 5.45 0.00	65.11 5.81 0.00	74.97 6.51 0.00	85.08 8.43 0.00	88.41 10.31 0.00	90.31 11.30 0.00	86.02 10.36 0.00	77.98 8.91 0.00	64.55 6.65 0.00	55.12 5.42 0.00
N SALMON___HYD 24042	44.60 0.66 0.00	39.11 0.20 0.00	36.53 0.04 0.00	34.81 0.03 0.00	34.55 0.03 0.00	33.59 0.00 0.00	34.17 0.03 0.00	35.20 0.21 0.00	38.15 0.45 0.00	43.87 1.19 0.00	47.65 1.57 0.00	49.34 1.25 0.00	51.07 1.10 0.00	54.00 1.11 0.00	58.11 1.31 0.00	60.60 1.30 0.00	70.11 1.64 0.00	78.03 1.38 0.00	79.43 1.33 0.00	80.68 1.66 0.00	78.14 2.49 0.00	71.42 2.35 0.00	59.45 1.56 0.00	50.79 1.09 0.00
N.AKRON__115KV_KNAPP 355671	43.72 -0.22 0.00	40.00 1.09 0.00	37.95 1.46 0.00	35.26 0.49 0.00	34.51 0.00 0.00	33.76 0.17 0.00	34.20 0.07 0.00	36.00 1.01 0.00	38.60 0.90 0.00	42.89 0.21 0.00	46.31 0.23 0.00	48.67 0.58 0.00	51.32 1.35 0.00	54.79 1.90 0.00	59.65 2.84 0.00	62.86 3.56 0.00	72.16 3.70 0.00	82.32 5.67 0.00	84.27 6.17 0.00	85.81 6.80 0.00	80.04 4.39 0.00	72.66 3.59 0.00	59.86 1.97 0.00	52.38 2.68 0.00
N.E_GEN_SANDY PD 24062	45.30 1.36 0.00	40.27 1.36 0.00	37.80 1.31 0.00	36.06 1.29 0.00	35.79 1.28 0.00	34.87 1.28 0.00	35.46 1.33 0.00	36.10 1.12 0.00	38.79 1.09 0.00	43.40 0.72 0.00	46.63 0.55 0.00	48.72 0.62 0.00	50.57 0.60 0.00	53.31 0.42 0.00	54.50 0.11 2.42	57.29 -0.06 1.95	65.53 0.07 3.00	75.88 0.39 1.15	78.80 0.70 0.00	79.57 0.56 0.00	75.50 -0.15 0.00	70.60 -0.28 -1.81	56.49 0.41 1.81	50.00 0.30 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	46.22 2.28 0.00	41.09 2.18 0.00	38.39 1.90 0.00	36.48 1.70 0.00	36.20 1.69 0.00	35.30 1.71 0.00	36.04 1.91 0.00	36.66 1.68 0.00	39.66 1.96 0.00	44.47 1.79 0.00	47.78 1.70 0.00	49.83 1.73 0.00	51.67 1.70 0.00	54.63 1.75 0.00	58.86 1.70 -0.35	61.06 1.48 -0.28	70.74 1.85 -0.43	79.26 2.45 -0.17	80.60 2.50 0.00	81.23 2.21 0.00	76.94 1.29 0.00	70.03 0.97 0.00	59.34 1.45 0.00	51.09 1.39 0.00
N.QUEENS_27_KV_LOAD 356247	47.28 3.34 -0.01	42.07 3.15 -0.01	39.20 2.70 -0.01	37.25 2.47 -0.01	36.90 2.38 -0.01	35.87 2.28 0.00	36.59 2.46 0.00	36.94 1.96 0.00	40.11 2.41 0.00	44.81 2.13 0.00	48.25 2.17 0.00	50.07 1.97 0.00	51.97 2.00 0.00	55.06 2.17 0.00	59.34 2.16 -0.37	61.43 1.84 -0.29	71.18 2.26 -0.45	79.80 2.99 -0.17	81.06 2.97 0.01	81.61 2.61 0.01	77.31 1.66 0.01	70.30 1.24 0.01	59.69 1.79 0.00	51.99 2.29 -0.01
N.TROY___115KV_TB1 355778	45.34 1.41 0.00	40.35 1.44 0.00	37.88 1.39 0.00	36.13 1.36 0.00	35.86 1.35 0.00	34.90 1.31 0.00	35.36 1.23 0.00	36.17 1.19 0.00	38.83 1.13 0.00	43.40 0.73 0.00	46.68 0.60 0.00	48.91 0.82 0.00	50.82 0.85 0.00	53.58 0.69 0.00	56.82 0.45 0.44	59.18 0.24 0.35	68.34 0.41 0.54	77.13 0.69 0.21	79.50 1.41 0.00	80.36 1.34 0.00	76.48 0.83 0.00	69.83 0.76 0.00	58.87 0.98 0.00	50.45 0.75 0.00
NARROWS_GT1_1 24228	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
NARROWS_GT1_2 24229	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
NARROWS_GT1_3 24230	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
NARROWS_GT1_4 24231	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
NARROWS_GT1_5 24232	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00

NARROWS_GT1_6 24233	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
NARROWS_GT1_7 24234	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
NARROWS_GT1_8 24235	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
NARROWS_GT2_1 24236	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
NARROWS_GT2_2 24237	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
NARROWS_GT2_3 24238	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
NARROWS_GT2_4 24239	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
NARROWS_GT2_5 24240	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
NARROWS_GT2_6 24241	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
NARROWS_GT2_7 24242	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
NARROWS_GT2_8 24243	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.96 2.26 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.33 1.45 0.01	51.64 1.94 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	44.99 1.05 0.00	40.12 1.21 0.00	37.69 1.20 0.00	35.95 1.18 0.00	35.72 1.21 0.00	34.70 1.11 0.00	34.92 0.79 0.00	35.61 0.63 0.00	38.08 0.38 0.00	42.38 -0.30 0.00	45.53 -0.55 0.00	47.61 -0.48 0.00	49.79 -0.10 0.08	51.30 -0.16 1.43	53.56 -0.51 2.73	55.15 -0.59 3.56	61.30 -0.41 6.76	67.06 0.00 9.59	68.94 1.02 10.18	70.05 1.50 10.46	67.57 1.06 9.14	69.94 0.90 0.02	58.79 0.93 0.02	50.12 0.75 0.32
NCHELSEA_115KV_TR2 355582	46.35 2.42 0.00	41.21 2.30 0.00	38.53 2.04 0.00	36.65 1.88 0.00	36.38 1.86 0.00	35.44 1.85 0.00	36.11 1.98 0.00	36.70 1.71 0.00	39.62 1.92 0.00	44.42 1.75 0.00	47.78 1.70 0.00	49.83 1.73 0.00	51.72 1.75 0.00	54.69 1.80 0.00	58.86 1.76 -0.29	61.08 1.54 -0.24	70.88 2.05 -0.36	79.39 2.61 -0.14	80.99 2.89 0.00	81.86 2.84 0.00	77.62 1.97 0.00	70.72 1.66 0.00	59.80 1.91 0.00	51.39 1.69 0.00
NEG CAPITAL____MECHNVIL 23645	46.22 2.28 0.00	41.05 2.14 0.00	38.49 2.01 0.00	36.65 1.88 0.00	36.41 1.90 0.00	35.40 1.81 0.00	35.77 1.64 0.00	36.77 1.78 0.00	39.51 1.81 0.00	44.08 1.41 0.00	47.42 1.34 0.00	49.92 1.83 0.00	51.77 1.80 0.00	54.69 1.80 0.00	57.85 1.42 0.37	60.30 1.30 0.30	69.58 1.58 0.46	78.61 2.14 0.18	81.45 3.36 0.00	82.41 3.40 0.00	78.53 2.87 0.00	71.69 2.62 0.00	60.38 2.49 0.00	51.59 1.89 0.00
NEG CENTRAL_HIGH_ACRES 23767	43.19 -0.75 0.00	39.15 0.23 0.00	36.71 0.22 0.00	34.49 -0.28 0.00	34.17 -0.35 0.00	33.15 -0.44 0.00	33.62 -0.51 0.00	34.98 0.00 0.00	37.85 0.15 0.00	42.55 -0.13 0.00	45.99 -0.09 0.00	48.19 0.10 0.00	50.47 0.50 0.00	53.79 0.90 0.00	58.46 1.65 0.00	61.02 1.72 0.00	70.18 1.71 0.00	79.56 2.91 0.00	81.38 3.28 0.00	82.57 3.56 0.00	77.77 2.12 0.00	70.72 1.65 0.00	58.64 0.75 0.00	50.60 0.90 0.00



NEG CENTRAL___DRP 24199	44.33 0.40 0.00	39.73 0.82 0.00	37.33 0.84 0.00	35.26 0.49 0.00	34.93 0.41 0.00	33.96 0.37 0.00	34.51 0.38 0.00	35.65 0.66 0.00	38.45 0.75 0.00	43.23 0.55 0.00	46.72 0.65 0.00	48.86 0.77 0.00	50.87 0.90 0.00	54.10 1.22 0.00	58.40 1.59 0.00	61.20 1.90 0.00	70.52 2.05 0.00	79.87 3.22 0.00	82.08 3.98 0.00	83.36 4.35 0.00	78.68 3.03 0.00	71.55 2.49 0.00	59.51 1.62 0.00	51.14 1.44 0.00
NEG CENTRAL___INDECK 23768	45.43 1.49 0.00	41.40 2.49 0.00	38.83 2.34 0.00	36.30 1.53 0.00	35.93 1.42 0.00	34.87 1.28 0.00	35.26 1.12 0.00	36.59 1.61 0.00	39.21 1.51 0.00	43.66 0.98 0.00	46.95 0.87 0.00	49.06 0.96 0.00	49.82 -0.15 0.00	53.31 0.42 0.00	58.17 1.36 0.00	60.84 1.54 0.00	70.24 1.78 0.00	80.33 3.68 0.00	83.17 5.07 0.00	85.57 6.55 0.00	80.72 5.07 0.00	73.42 4.35 0.00	60.61 2.72 0.00	52.28 2.58 0.00
NEG CENTRAL___SENECA 23627	44.60 0.66 0.00	40.08 1.17 0.00	37.73 1.24 0.00	35.50 0.73 0.00	35.17 0.66 0.00	34.19 0.60 0.00	34.71 0.58 0.00	36.00 1.01 0.00	38.83 1.13 0.00	43.61 0.94 0.00	47.09 1.01 0.00	49.30 1.20 0.00	51.27 1.30 0.00	54.58 1.69 0.00	59.02 2.22 0.00	61.91 2.61 0.00	71.34 2.88 0.00	81.09 4.45 0.00	83.33 5.23 0.00	84.78 5.77 0.00	79.81 4.16 0.00	72.45 3.38 0.00	60.21 2.32 0.00	51.74 2.04 0.00
NEG CENTRAL___STATE_STREET 24147	44.24 0.31 0.00	39.49 0.58 0.00	37.07 0.58 0.00	35.12 0.35 0.00	34.82 0.31 0.00	33.86 0.27 0.00	34.37 0.24 0.00	35.44 0.45 0.00	38.23 0.53 0.00	43.06 0.38 0.00	46.54 0.46 0.00	48.62 0.53 0.00	50.62 0.65 0.00	53.84 0.95 0.00	58.00 1.19 0.00	60.66 1.36 0.00	69.97 1.51 0.00	79.10 2.45 0.00	81.14 3.05 0.00	82.33 3.32 0.00	78.00 2.35 0.00	71.00 1.93 0.00	59.16 1.27 0.00	50.79 1.09 0.00
NEG MILLWOOD___DRP 24198	46.48 2.55 0.00	41.36 2.45 0.00	38.68 2.19 0.00	36.75 1.98 0.00	36.48 1.97 0.00	35.57 1.98 0.00	36.32 2.18 0.00	36.91 1.92 0.00	39.92 2.22 0.00	44.77 2.09 0.00	48.20 2.12 0.00	50.31 2.21 0.00	52.17 2.20 0.00	55.11 2.22 0.00	59.41 2.27 -0.33	61.70 2.13 -0.26	71.47 2.60 -0.41	80.02 3.22 -0.16	81.69 3.59 0.00	82.25 3.24 0.00	78.00 2.35 0.00	71.00 1.93 0.00	60.03 2.14 0.00	51.54 1.84 0.00
NEG NORTH_FLCN_SEA 23793	44.55 0.62 0.00	39.11 0.19 0.00	36.53 0.04 0.00	34.81 0.03 0.00	34.51 0.00 0.00	33.56 -0.03 0.00	34.13 0.00 0.00	35.16 0.17 0.00	38.11 0.41 0.00	43.74 1.07 0.00	47.51 1.43 0.00	48.67 0.58 0.00	50.22 0.25 0.00	53.15 0.26 0.00	57.15 0.34 0.00	59.65 0.36 0.00	69.01 0.55 0.00	76.80 0.15 0.00	77.94 -0.16 0.00	79.01 0.00 0.00	76.48 0.83 0.00	69.89 0.83 0.00	58.30 0.41 0.00	49.90 0.20 0.00
NEG NORTH_KES_CHATEGAY 23792	44.02 0.09 0.00	38.60 -0.31 0.00	36.09 -0.40 0.00	34.39 -0.38 0.00	34.10 -0.41 0.00	33.19 -0.40 0.00	33.76 -0.38 0.00	34.70 -0.28 0.00	37.59 -0.11 0.00	43.14 0.47 0.00	46.82 0.74 0.00	48.43 0.34 0.00	50.17 0.20 0.00	52.99 0.11 0.00	57.09 0.28 0.00	59.59 0.30 0.00	68.94 0.48 0.00	76.65 0.00 0.00	77.86 -0.23 0.00	79.01 0.00 0.00	76.56 0.91 0.00	69.96 0.90 0.00	58.35 0.46 0.00	49.95 0.25 0.00
NEG NORTH___ALICE_FALLS 23915	44.68 0.75 0.00	39.26 0.35 0.00	36.64 0.15 0.00	34.91 0.14 0.00	34.62 0.10 0.00	33.66 0.07 0.00	34.23 0.10 0.00	35.30 0.31 0.00	38.27 0.57 0.00	43.91 1.24 0.00	47.69 1.61 0.00	49.06 0.96 0.00	50.72 0.75 0.00	53.63 0.74 0.00	57.72 0.91 0.00	60.25 0.95 0.00	69.70 1.23 0.00	77.57 0.92 0.00	78.88 0.78 0.00	80.04 1.03 0.00	77.47 1.82 0.00	70.72 1.66 0.00	58.93 1.04 0.00	50.40 0.70 0.00
NEG NORTH___LWR_SARANAC 23913	44.68 0.75 0.00	39.26 0.35 0.00	36.64 0.15 0.00	34.91 0.14 0.00	34.62 0.10 0.00	33.66 0.07 0.00	34.23 0.10 0.00	35.30 0.31 0.00	38.27 0.57 0.00	43.91 1.24 0.00	47.69 1.61 0.00	49.06 0.96 0.00	50.72 0.75 0.00	53.63 0.74 0.00	57.72 0.91 0.00	60.25 0.95 0.00	69.70 1.23 0.00	77.57 0.92 0.00	78.88 0.78 0.00	80.04 1.03 0.00	77.47 1.82 0.00	70.72 1.66 0.00	58.93 1.04 0.00	50.40 0.70 0.00
NEG NORTH___PLATTSBURG 23628	44.68 0.75 0.00	39.26 0.35 0.00	36.64 0.15 0.00	34.91 0.14 0.00	34.62 0.10 0.00	33.66 0.07 0.00	34.23 0.10 0.00	35.30 0.31 0.00	38.27 0.57 0.00	43.91 1.24 0.00	47.69 1.61 0.00	49.15 1.06 0.00	50.72 0.75 0.00	53.63 0.74 0.00	57.71 0.91 0.00	60.24 0.95 0.00	69.70 1.23 0.00	77.57 0.92 0.00	78.88 0.78 0.00	80.04 1.02 0.00	77.46 1.81 0.00	70.72 1.65 0.00	58.93 1.04 0.00	50.40 0.70 0.00
NEG WEST_LEA_LOCKPORT 23791	42.84 -1.10 0.00	39.30 0.39 0.00	37.29 0.80 0.00	34.60 -0.17 0.00	33.93 -0.59 0.00	33.15 -0.44 0.00	33.65 -0.48 0.00	35.40 0.42 0.00	38.04 0.34 0.00	42.21 -0.47 0.00	45.57 -0.51 0.00	47.90 -0.19 0.00	50.47 0.50 0.00	53.84 0.95 0.00	58.68 1.87 0.00	61.79 2.49 0.00	70.79 2.33 0.00	80.71 4.06 0.00	82.55 4.45 0.00	83.91 4.90 0.00	78.15 2.50 0.00	70.93 1.86 0.00	58.53 0.64 0.00	51.34 1.64 0.00
NEG WEST___LANCASTR 23811	42.49 -1.45 0.00	38.83 -0.08 0.00	36.78 0.29 0.00	34.22 -0.56 0.00	33.79 -0.72 0.00	32.85 -0.74 0.00	33.38 -0.75 0.00	35.16 0.17 0.00	38.08 0.38 0.00	42.42 -0.26 0.00	45.85 -0.23 0.00	48.19 0.10 0.00	50.72 0.75 0.00	54.16 1.27 0.00	58.91 2.10 0.00	62.20 2.91 0.00	71.48 3.01 0.00	81.55 4.91 0.00	83.41 5.31 0.00	84.70 5.69 0.00	78.68 3.03 0.00	71.34 2.28 0.00	58.82 0.93 0.00	50.89 1.19 0.00
NEG_PENN_ALLEGHNY 23528	44.51 0.57 0.00	39.92 1.01 0.00	37.44 0.95 0.00	35.47 0.70 0.00	35.17 0.65 0.00	34.23 0.64 0.00	34.78 0.65 0.00	35.86 0.87 0.00	38.64 0.94 0.00	43.44 0.77 0.00	46.91 0.83 0.00	49.06 0.96 0.00	51.12 1.15 0.00	54.32 1.43 0.00	58.68 1.87 0.00	61.25 1.95 0.00	70.66 2.19 0.00	79.72 3.07 0.00	81.69 3.59 0.00	82.73 3.71 0.00	78.22 2.57 0.00	71.14 2.07 0.00	59.34 1.45 0.00	51.04 1.34 0.00
NEG___GEN_MONROE 24207	43.85 -0.09 0.00	39.77 0.86 0.00	37.62 1.13 0.00	35.22 0.45 0.00	34.79 0.28 0.00	33.79 0.20 0.00	34.23 0.10 0.00	35.61 0.63 0.00	38.45 0.75 0.00	42.97 0.30 0.00	46.45 0.37 0.00	48.77 0.67 0.00	51.12 1.15 0.00	54.53 1.64 0.00	59.14 2.33 0.00	62.26 2.96 0.00	71.68 3.22 0.00	81.40 4.75 0.00	83.33 5.23 0.00	84.78 5.77 0.00	79.66 4.01 0.00	72.45 3.38 0.00	59.97 2.08 0.00	51.89 2.19 0.00
NEPA___ENERGY 23901	43.50 -0.44 0.00	39.73 0.82 0.00	37.62 1.13 0.00	34.98 0.21 0.00	34.62 0.10 0.00	33.66 0.07 0.00	34.20 0.07 0.00	35.82 0.84 0.00	38.79 1.09 0.00	43.19 0.51 0.00	46.68 0.60 0.00	49.06 0.96 0.00	51.72 1.75 0.00	55.21 2.33 0.00	60.04 3.24 0.00	63.39 4.09 0.00	72.92 4.45 0.00	83.08 6.44 0.00	85.05 6.95 0.00	86.28 7.27 0.00	80.19 4.54 0.00	72.73 3.66 0.00	59.92 2.03 0.00	52.04 2.34 0.00

NEVERSINK___HYD 23608	45.96 2.02 0.00	40.78 1.87 0.00	38.13 1.64 0.00	36.27 1.49 0.00	36.00 1.48 0.00	35.07 1.48 0.00	35.70 1.57 0.00	36.31 1.33 0.00	39.21 1.51 0.00	44.04 1.37 0.00	47.42 1.34 0.00	49.39 1.30 0.00	51.32 1.35 0.01	54.21 1.43 0.11	58.15 1.31 -0.04	60.53 1.30 0.07	69.97 1.71 0.21	78.41 2.38 0.61	80.06 2.73 0.77	80.99 2.76 0.79	77.00 2.04 0.69	70.72 1.65 0.00	59.62 1.74 0.00	51.17 1.49 0.02
NEWKRMKL_115KV_TB1 55635	44.33 0.40 0.00	39.49 0.58 0.00	37.11 0.62 0.00	35.43 0.66 0.00	35.17 0.66 0.00	34.23 0.64 0.00	34.71 0.58 0.00	35.47 0.49 0.00	38.04 0.34 0.00	42.55 -0.13 0.00	45.71 -0.37 0.00	47.90 -0.19 0.00	49.72 -0.25 0.00	52.52 -0.37 0.00	55.84 -0.68 0.29	58.12 -0.95 0.23	67.08 -1.03 0.36	75.51 -1.00 0.14	77.63 -0.47 0.00	78.46 -0.55 0.00	74.67 -0.98 0.00	68.17 -0.90 0.00	57.54 -0.35 0.00	49.35 -0.35 0.00
NEWTON___FALLS_HYD 23847	44.68 0.75 0.00	39.38 0.47 0.00	36.96 0.47 0.00	35.12 0.35 0.00	35.00 0.48 0.00	34.06 0.47 0.00	34.51 0.38 0.00	35.44 0.45 0.00	38.19 0.49 0.00	43.44 0.77 0.00	47.32 1.24 0.00	49.15 1.06 0.00	50.97 1.00 0.00	53.89 1.00 0.00	57.94 1.14 0.00	60.60 1.30 0.00	69.97 1.51 0.00	78.49 1.84 0.00	80.60 2.50 0.00	82.10 3.08 0.00	79.43 3.78 0.00	72.59 3.52 0.00	60.21 2.32 0.00	51.59 1.89 0.00
NGRID_A1_DSASP 323792	42.00 -1.93 0.00	38.87 -0.04 0.00	36.60 0.11 0.00	33.97 -0.80 0.00	34.13 -0.38 0.00	32.51 -1.08 0.00	33.58 -0.55 0.00	34.81 -0.17 0.00	37.66 -0.04 0.00	41.74 -0.94 0.00	45.16 -0.92 0.00	47.42 -0.67 0.00	50.07 0.10 0.00	53.52 0.64 0.00	58.91 2.10 0.00	61.31 2.02 0.00	70.18 1.71 0.00	79.87 3.22 0.00	81.53 3.43 0.00	82.81 3.79 0.00	77.24 1.59 0.00	70.17 1.10 0.00	57.78 -0.12 0.00	50.60 0.90 0.00
NGRID_A2_DSASP 323793	42.00 -1.93 0.00	38.87 -0.04 0.00	36.60 0.11 0.00	33.97 -0.80 0.00	34.13 -0.38 0.00	32.51 -1.08 0.00	33.58 -0.55 0.00	34.81 -0.17 0.00	37.66 -0.04 0.00	41.74 -0.94 0.00	45.16 -0.92 0.00	47.42 -0.67 0.00	50.07 0.10 0.00	53.52 0.64 0.00	58.91 2.10 0.00	61.31 2.02 0.00	70.18 1.71 0.00	79.87 3.22 0.00	81.53 3.43 0.00	82.81 3.79 0.00	77.24 1.59 0.00	70.17 1.10 0.00	57.78 -0.12 0.00	50.60 0.90 0.00
NGRID_A4_DSASP 323807	42.00 -1.93 0.00	38.87 -0.04 0.00	36.60 0.11 0.00	33.97 -0.80 0.00	34.13 -0.38 0.00	32.51 -1.08 0.00	33.58 -0.55 0.00	34.81 -0.17 0.00	37.66 -0.04 0.00	41.74 -0.94 0.00	45.16 -0.92 0.00	47.42 -0.67 0.00	50.07 0.10 0.00	53.52 0.64 0.00	58.91 2.10 0.00	61.31 2.02 0.00	70.18 1.71 0.00	79.87 3.22 0.00	81.53 3.43 0.00	82.81 3.79 0.00	77.24 1.59 0.00	70.17 1.10 0.00	57.78 -0.12 0.00	50.60 0.90 0.00
NIAGARA_115E_LBMP 323715	42.71 -1.23 0.00	39.57 0.66 0.00	37.26 0.77 0.00	34.57 -0.21 0.00	33.58 -0.93 0.00	33.12 -0.47 0.00	33.04 -1.09 0.00	35.41 0.42 0.00	38.08 0.38 0.00	41.78 -0.90 0.00	45.16 -0.92 0.00	47.42 -0.67 0.00	50.07 0.10 0.00	53.52 0.64 0.00	58.91 2.10 0.00	61.31 2.02 0.00	70.24 1.78 0.00	80.02 3.37 0.00	81.85 3.75 0.00	83.12 4.11 0.00	77.46 1.81 0.00	70.31 1.24 0.00	57.89 0.00 0.00	51.19 1.49 0.00
NIAGARA_115W_LBMP 323714	41.92 -2.02 0.00	38.79 -0.12 0.00	36.49 0.00 0.00	33.87 -0.90 0.00	34.10 -0.41 0.00	32.45 -1.14 0.00	33.55 -0.58 0.00	34.70 -0.28 0.00	37.55 -0.15 0.00	41.61 -1.07 0.00	45.02 -1.06 0.00	47.28 -0.82 0.00	49.92 -0.05 0.00	53.36 0.47 0.00	58.74 1.93 0.00	61.14 1.84 0.00	69.97 1.50 0.00	79.56 2.91 0.00	81.30 3.20 0.00	82.57 3.56 0.00	77.01 1.36 0.00	69.96 0.90 0.00	57.60 -0.29 0.00	50.45 0.75 0.00
NIAGARA_230_LBMP 323716	42.53 -1.41 0.00	39.34 0.43 0.00	37.00 0.51 0.00	34.36 -0.42 0.00	34.00 -0.52 0.00	32.92 -0.67 0.00	33.45 -0.68 0.00	35.20 0.21 0.00	38.04 0.34 0.00	42.17 -0.51 0.00	45.57 -0.51 0.00	47.85 -0.24 0.00	50.52 0.55 0.00	53.94 1.06 0.00	59.37 2.56 0.00	61.79 2.49 0.00	70.79 2.33 0.00	80.55 3.91 0.00	82.31 4.21 0.00	83.60 4.58 0.00	78.00 2.35 0.00	70.79 1.73 0.00	58.30 0.41 0.00	51.09 1.39 0.00
NIAGARA___115KV_198_GIBSON 55903	41.92 -2.02 0.00	38.44 -0.47 0.00	36.49 0.00 0.00	33.87 -0.90 0.00	34.10 -0.41 0.00	32.45 -1.14 0.00	32.94 -1.19 0.00	34.63 -0.35 0.00	37.96 0.26 0.00	41.61 -1.07 0.00	44.97 -1.11 0.00	47.28 -0.82 0.00	49.92 -0.05 0.00	53.26 0.37 0.00	58.00 1.19 0.00	61.14 1.84 0.00	69.97 1.51 0.00	79.64 2.99 0.00	81.30 3.20 0.00	82.57 3.56 0.00	77.01 1.36 0.00	69.96 0.90 0.00	57.66 -0.23 0.00	50.40 0.70 0.00
NIAGARA____ 23760	42.53 -1.41 0.00	39.34 0.43 0.00	37.00 0.51 0.00	34.36 -0.42 0.00	34.00 -0.52 0.00	32.92 -0.67 0.00	33.45 -0.68 0.00	35.20 0.21 0.00	38.04 0.34 0.00	42.17 -0.51 0.00	45.57 -0.51 0.00	47.85 -0.24 0.00	50.52 0.55 0.00	53.94 1.06 0.00	59.37 2.56 0.00	61.79 2.49 0.00	70.79 2.33 0.00	80.55 3.91 0.00	82.31 4.21 0.00	83.60 4.58 0.00	78.00 2.35 0.00	70.79 1.73 0.00	58.30 0.41 0.00	51.09 1.39 0.00
NINE_MILE_1 23575	42.75 -1.18 0.00	38.09 -0.82 0.00	35.72 -0.77 0.00	33.97 -0.80 0.00	33.69 -0.83 0.00	32.78 -0.81 0.00	33.28 -0.85 0.00	34.21 -0.77 0.00	36.83 -0.87 0.00	41.52 -1.15 0.00	44.88 -1.20 0.00	46.84 -1.25 0.00	48.77 -1.20 0.00	51.72 -1.16 0.00	55.67 -1.14 0.00	58.05 -1.25 0.00	66.96 -1.51 0.00	75.27 -1.38 0.00	77.01 -1.09 0.00	77.99 -1.03 0.00	74.21 -1.44 0.00	67.61 -1.45 0.00	56.56 -1.33 0.00	48.61 -1.09 0.00
NINE_MILE_2 23744	42.75 -1.18 0.00	38.09 -0.82 0.00	35.76 -0.73 0.00	33.97 -0.80 0.00	33.69 -0.83 0.00	32.78 -0.81 0.00	33.28 -0.85 0.00	34.21 -0.77 0.00	36.83 -0.87 0.00	41.52 -1.15 0.00	44.88 -1.20 0.00	46.89 -1.20 0.00	48.77 -1.20 0.00	51.72 -1.16 0.00	55.67 -1.14 0.00	58.05 -1.25 0.00	66.96 -1.51 0.00	75.27 -1.38 0.00	77.01 -1.09 0.00	77.99 -1.03 0.00	74.21 -1.44 0.00	67.61 -1.45 0.00	56.56 -1.33 0.00	48.61 -1.09 0.00
NM_CAPITAL___DRP 24208	44.42 0.48 0.00	39.57 0.66 0.00	37.18 0.69 0.00	35.54 0.76 0.00	35.27 0.76 0.00	34.33 0.74 0.00	34.81 0.68 0.00	35.54 0.56 0.00	38.11 0.41 0.00	42.63 -0.04 0.00	45.80 -0.28 0.00	48.00 -0.10 0.00	49.82 -0.15 0.00	52.57 -0.32 0.00	55.86 -0.62 0.32	58.15 -0.89 0.26	67.18 -0.89 0.40	75.65 -0.84 0.15	77.79 -0.31 0.00	78.54 -0.47 0.00	74.74 -0.91 0.00	68.24 -0.83 0.00	57.60 -0.29 0.00	49.40 -0.30 0.00
NM_CENTRAL___DRP 24181	43.59 -0.35 0.00	38.87 -0.04 0.00	36.53 0.04 0.00	34.70 -0.07 0.00	34.44 -0.07 0.00	33.49 -0.10 0.00	34.00 -0.14 0.00	34.98 0.00 0.00	37.66 -0.04 0.00	42.42 -0.26 0.00	45.80 -0.28 0.00	47.90 -0.19 0.00	49.87 -0.10 0.00	52.89 0.00 0.00	56.92 0.11 0.00	59.48 0.18 0.00	68.53 0.07 0.00	77.18 0.54 0.00	79.04 0.94 0.00	80.04 1.03 0.00	76.03 0.38 0.00	69.27 0.21 0.00	57.89 0.00 0.00	49.70 0.00 0.00

NM_FRONTIER___DRP 24179	41.92 -2.02 0.00	38.44 -0.47 0.00	36.49 0.00 0.00	33.87 -0.90 0.00	34.10 -0.41 0.00	32.45 -1.14 0.00	32.94 -1.19 0.00	34.63 -0.35 0.00	37.96 0.26 0.00	41.61 -1.07 0.00	44.97 -1.11 0.00	47.28 -0.82 0.00	49.92 -0.05 0.00	53.26 0.37 0.00	58.00 1.19 0.00	61.14 1.84 0.00	69.97 1.51 0.00	79.64 2.99 0.00	81.30 3.20 0.00	82.57 3.56 0.00	77.01 1.36 0.00	69.96 0.90 0.00	57.66 -0.23 0.00	50.40 0.70 0.00
NM_ST_REGIS___HYD 24053	44.38 0.44 0.00	38.87 -0.04 0.00	36.38 -0.11 0.00	34.63 -0.14 0.00	34.44 -0.07 0.00	33.52 -0.07 0.00	34.03 -0.10 0.00	34.98 0.00 0.00	37.85 0.15 0.00	43.44 0.77 0.00	47.23 1.15 0.00	48.96 0.87 0.00	50.77 0.80 0.00	53.68 0.79 0.00	57.72 0.91 0.00	60.25 0.95 0.00	69.63 1.16 0.00	77.49 0.84 0.00	78.88 0.78 0.00	80.28 1.26 0.00	77.92 2.27 0.00	71.34 2.28 0.00	59.51 1.62 0.00	50.79 1.09 0.00
NORTHPORT___1 23551	47.27 3.34 0.00	42.10 3.19 0.00	39.26 2.77 0.00	36.89 2.12 0.00	36.72 2.21 0.00	35.84 2.25 0.00	36.45 2.32 0.00	36.80 1.82 0.00	40.42 2.72 0.00	45.75 3.07 0.00	47.42 1.34 0.00	48.53 0.43 0.00	48.87 0.25 1.35	49.59 0.05 3.35	49.77 -0.34 6.70	50.23 -0.53 8.53	50.23 -0.41 17.83	56.92 -0.15 19.57	61.64 -0.23 16.22	56.59 -0.55 21.88	53.14 -1.29 21.22	50.11 -1.45 17.50	48.92 -0.47 8.50	48.20 -0.15 1.35
NORTHPORT___2 23552	47.27 3.34 0.00	42.10 3.19 0.00	39.26 2.77 0.00	36.89 2.12 0.00	36.72 2.21 0.00	35.84 2.25 0.00	36.45 2.32 0.00	36.80 1.82 0.00	40.42 2.72 0.00	45.75 3.07 0.00	47.42 1.34 0.00	48.53 0.43 0.00	48.87 0.25 1.35	49.59 0.05 3.35	49.77 -0.34 6.70	50.23 -0.53 8.53	50.23 -0.41 17.83	56.92 -0.15 19.57	61.64 -0.23 16.22	56.59 -0.55 21.88	53.14 -1.29 21.22	50.11 -1.45 17.50	48.92 -0.47 8.50	48.20 -0.15 1.35
NORTHPORT___3 23553	46.75 2.81 0.00	41.56 2.65 0.00	38.72 2.23 0.00	36.55 1.77 0.00	36.31 1.79 0.00	35.44 1.85 0.00	36.08 1.94 0.00	36.45 1.47 0.00	40.00 2.30 0.00	45.24 2.56 0.00	46.91 0.83 0.00	48.23 0.14 0.01	48.62 0.00 1.35	49.44 -0.11 3.34	49.68 -0.46 6.67	50.12 -0.65 8.53	50.08 -0.55 17.83	56.83 -0.31 19.51	61.57 -0.39 16.14	56.46 -0.79 21.76	53.03 -1.51 21.11	49.99 -1.66 17.42	48.62 -0.81 8.46	47.85 -0.50 1.35
NORTHPORT___4 23650	46.75 2.81 0.00	41.56 2.65 0.00	38.72 2.23 0.00	36.55 1.77 0.00	36.31 1.79 0.00	35.44 1.85 0.00	36.08 1.94 0.00	36.45 1.47 0.00	40.00 2.30 0.00	45.24 2.56 0.00	46.91 0.83 0.00	48.23 0.14 0.01	48.62 0.00 1.35	49.44 -0.11 3.34	49.68 -0.46 6.67	50.12 -0.65 8.53	50.08 -0.55 17.83	56.83 -0.31 19.51	61.57 -0.39 16.14	56.46 -0.79 21.76	53.03 -1.51 21.11	49.99 -1.66 17.42	48.62 -0.81 8.46	47.85 -0.50 1.35
NORTHPORT___IC 23718	47.28 3.34 0.00	42.14 3.23 0.00	39.26 2.77 0.00	36.89 2.12 0.00	36.72 2.21 0.00	35.84 2.25 0.00	36.45 2.32 0.00	36.98 1.99 0.00	40.41 2.71 0.00	45.75 3.07 0.00	47.60 1.52 0.00	48.81 0.72 0.00	48.87 0.25 1.35	49.64 0.11 3.35	50.00 -0.11 6.70	50.23 -0.53 8.53	50.23 -0.41 17.83	56.85 -0.23 19.57	61.64 -0.23 16.22	56.58 -0.55 21.88	53.14 -1.29 21.22	50.11 -1.45 17.50	48.93 -0.46 8.50	48.20 -0.15 1.35
NORTH___COUNTRY_ESR 323785	43.94 0.00 0.00	38.52 -0.39 0.00	35.98 -0.51 0.00	34.29 -0.49 0.00	34.03 -0.48 0.00	33.12 -0.47 0.00	33.69 -0.44 0.00	34.63 -0.35 0.00	37.59 -0.11 0.00	43.15 0.47 0.00	46.81 0.73 0.00	48.53 0.43 0.00	50.17 0.20 0.00	53.05 0.16 0.00	57.09 0.29 0.00	59.66 0.36 0.00	68.88 0.41 0.00	76.57 -0.08 0.00	77.71 -0.39 0.00	78.78 -0.24 0.00	76.25 0.60 0.00	69.76 0.69 0.00	58.18 0.29 0.00	49.80 0.10 0.00
NPX_GEN_1385_PROXY 323591	46.97 3.03 0.00	41.83 2.92 0.00	39.12 2.63 0.00	36.75 1.98 0.00	36.58 2.07 0.00	35.84 2.25 0.00	36.45 2.32 0.00	36.66 1.68 0.00	40.26 2.56 0.00	45.58 2.90 0.00	47.14 1.06 0.00	48.05 -0.05 0.00	48.52 -0.10 1.35	49.06 -0.48 3.35	49.20 -0.91 6.70	50.11 -0.65 8.53	50.23 -0.41 17.83	57.00 -0.08 19.57	61.80 -0.08 16.22	57.45 0.32 21.88	53.60 -0.83 21.22	51.79 -1.59 15.69	46.89 -0.69 10.31	47.36 -0.99 1.35
NPX_GEN_CSC 323557	46.97 3.03 0.00	41.83 2.92 0.00	38.97 2.48 0.00	36.68 1.91 0.00	36.58 2.07 0.00	35.67 2.08 0.00	36.18 2.05 0.00	36.49 1.50 0.00	40.23 2.53 0.00	45.66 2.99 0.00	47.55 1.47 0.00	48.91 0.82 0.00	49.34 0.70 1.33	50.27 0.69 3.30	52.23 0.45 5.02	57.52 0.36 2.14	68.27 0.68 0.88	65.23 0.99 12.41	63.35 0.94 15.69	57.86 0.40 21.55	54.38 -0.38 20.89	54.49 -0.62 13.96	47.59 -0.12 10.18	48.37 0.00 1.33
NSINS_S_GLNS_FALLS 23858	46.35 2.42 0.00	41.21 2.30 0.00	38.61 2.12 0.00	36.75 1.98 0.00	36.52 2.00 0.00	35.50 1.91 0.00	35.74 1.60 0.00	36.91 1.92 0.00	39.66 1.96 0.00	44.08 1.41 0.00	47.19 1.11 0.00	49.92 1.83 0.00	51.67 1.70 0.00	54.53 1.64 0.00	57.56 1.08 0.33	59.92 0.89 0.26	69.09 1.03 0.40	78.10 1.61 0.16	81.85 3.75 0.00	82.89 3.87 0.00	79.21 3.56 0.00	72.45 3.38 0.00	60.90 3.01 0.00	51.94 2.24 0.00
NUCOR_STEEL___DRP 24197	44.29 0.35 0.00	39.57 0.66 0.00	37.18 0.69 0.00	35.22 0.45 0.00	34.93 0.41 0.00	33.96 0.37 0.00	34.47 0.34 0.00	35.51 0.52 0.00	38.30 0.60 0.00	43.14 0.47 0.00	46.59 0.51 0.00	48.67 0.58 0.00	50.67 0.70 0.00	53.79 0.90 0.00	57.94 1.14 0.00	60.60 1.30 0.00	69.90 1.44 0.00	78.87 2.22 0.00	80.91 2.81 0.00	82.10 3.08 0.00	77.84 2.19 0.00	70.86 1.80 0.00	59.11 1.22 0.00	50.74 1.04 0.00
NUMBER_THREE_WT_PWR 323818	44.99 1.05 0.00	39.84 0.93 0.00	37.51 1.02 0.00	35.61 0.83 0.00	35.52 1.00 0.00	34.56 0.97 0.00	34.99 0.85 0.00	35.96 0.98 0.00	38.64 0.94 0.00	43.70 1.02 0.00	47.69 1.61 0.00	49.63 1.54 0.00	51.47 1.50 0.00	54.47 1.59 0.00	58.57 1.76 0.00	61.14 1.84 0.00	70.66 2.19 0.00	79.63 2.99 0.00	82.24 4.14 0.00	83.84 4.82 0.00	80.80 5.15 0.00	73.62 4.56 0.00	60.73 2.84 0.00	52.33 2.63 0.00
NYISO_LBMP_REFERENCE 24008	43.94 0.00 0.00	38.91 0.00 0.00	36.49 0.00 0.00	34.77 0.00 0.00	34.51 0.00 0.00	33.59 0.00 0.00	34.13 0.00 0.00	34.98 0.00 0.00	37.70 0.00 0.00	42.68 0.00 0.00	46.08 0.00 0.00	48.09 0.00 0.00	49.97 0.00 0.00	52.89 0.00 0.00	56.81 0.00 0.00	59.30 0.00 0.00	68.47 0.00 0.00	76.65 0.00 0.00	78.10 0.00 0.00	79.01 0.00 0.00	75.65 0.00 0.00	69.07 0.00 0.00	57.89 0.00 0.00	49.70 0.00 0.00
NYPA_BRENTWD____GT 24164	47.80 3.87 0.00	42.53 3.62 0.00	39.66 3.17 0.00	37.31 2.54 0.00	37.14 2.62 0.00	36.21 2.62 0.00	36.83 2.70 0.00	37.15 2.17 0.00	40.83 3.13 0.00	46.26 3.59 0.00	48.16 2.08 0.00	49.44 1.34 0.00	49.91 1.25 1.31	50.86 1.22 3.24	52.87 1.02 4.96	58.00 0.95 2.24	68.51 1.30 1.25	66.07 1.76 12.34	64.50 1.80 15.40	59.29 1.42 21.14	55.76 0.60 20.50	53.84 0.28 15.50	50.43 0.75 8.22	49.24 0.84 1.31

NYPA_GOWANUS____GT5 24156	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.89 2.19 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.16 1.10 0.01	59.33 1.45 0.01	51.64 1.94 0.00
NYPA_GOWANUS____GT6 24157	47.14 3.21 0.00	41.83 2.92 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.19 0.00	36.73 1.75 0.00	39.92 2.22 0.00	44.72 2.05 0.01	48.16 2.08 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	61.36 1.78 -0.29	62.89 2.19 7.76	66.76 2.91 12.79	62.75 2.81 18.16	60.82 2.45 20.65	60.79 1.59 16.45	70.16 1.10 0.01	59.33 1.45 0.01	51.64 1.94 0.00
NYPA_HARLEM__RVR__GT1 24160	47.15 3.21 -0.01	41.87 2.96 -0.01	39.13 2.63 -0.01	37.15 2.37 -0.01	36.80 2.28 -0.01	35.81 2.22 0.00	36.49 2.35 0.00	36.80 1.82 0.00	39.96 2.26 0.00	44.67 2.01 0.01	48.10 2.03 0.00	49.87 1.78 0.01	51.81 1.85 0.01	54.84 1.96 0.01	58.87 1.70 -0.36	61.19 1.60 -0.29	70.90 1.99 -0.45	79.42 2.61 -0.17	80.66 2.57 0.01	81.22 2.21 0.01	77.01 1.36 0.01	69.95 0.90 0.01	59.50 1.62 0.01	51.84 2.14 -0.01
NYPA_HARLEM__RVR__GT2 24161	47.15 3.21 -0.01	41.87 2.96 -0.01	39.13 2.63 -0.01	37.15 2.37 -0.01	36.80 2.28 -0.01	35.81 2.22 0.00	36.49 2.35 0.00	36.80 1.82 0.00	39.96 2.26 0.00	44.67 2.01 0.01	48.10 2.03 0.00	49.87 1.78 0.01	51.81 1.85 0.01	54.84 1.96 0.01	58.87 1.70 -0.36	61.19 1.60 -0.29	70.90 1.99 -0.45	79.42 2.61 -0.17	80.66 2.57 0.01	81.22 2.21 0.01	77.01 1.36 0.01	69.95 0.90 0.01	59.50 1.62 0.01	51.84 2.14 -0.01
NYPA_KENT____GT 24152	47.06 3.12 0.00	41.75 2.84 0.00	38.97 2.48 0.00	37.00 2.23 0.00	36.65 2.14 0.00	35.64 2.05 0.00	36.38 2.25 0.00	36.80 1.82 0.00	40.00 2.30 0.00	44.76 2.09 0.01	48.20 2.12 0.00	50.01 1.93 0.01	51.81 1.85 0.01	54.78 1.90 0.01	58.82 1.65 -0.36	60.97 1.66 -0.01	62.01 2.05 8.51	64.26 2.68 15.07	61.97 2.66 18.79	60.66 2.29 20.65	60.64 1.43 16.45	66.21 0.97 3.83	59.39 1.50 0.01	51.64 1.94 0.00
NYPA_POUCHI____GT 24155	47.14 3.21 0.00	41.79 2.88 0.00	38.93 2.45 0.00	36.96 2.19 0.00	36.58 2.07 0.00	35.50 1.91 0.00	36.21 2.08 0.00	36.59 1.61 0.00	39.77 2.07 0.00	44.54 1.88 0.01	47.97 1.89 0.00	49.77 1.68 0.01	51.46 1.50 0.01	52.01 1.59 2.46	52.00 1.31 6.11	53.96 1.48 6.82	60.61 1.85 9.71	64.42 2.45 14.68	60.58 2.42 19.95	55.05 1.98 25.95	54.45 1.21 22.41	54.70 0.76 15.13	52.93 1.16 6.12	51.49 1.79 0.00
NYPA_VERNON____GT2 24162	46.97 3.03 0.00	41.71 2.80 0.00	38.93 2.45 0.00	37.00 2.23 0.00	36.65 2.14 0.00	35.67 2.08 0.00	36.42 2.29 0.00	36.87 1.89 0.00	40.08 2.38 0.00	44.84 2.18 0.01	48.20 2.12 0.00	50.11 2.02 0.01	51.91 1.95 0.01	54.84 1.96 0.01	58.82 1.65 -0.36	60.51 1.48 0.27	61.12 1.91 9.26	61.83 2.53 17.34	61.11 2.42 19.41	60.41 2.05 20.65	60.41 1.21 16.45	62.25 0.83 7.64	59.39 1.50 0.01	51.64 1.94 0.00
NYPA_VERNON____GT3 24163	46.97 3.03 0.00	41.71 2.80 0.00	38.93 2.45 0.00	37.00 2.23 0.00	36.65 2.14 0.00	35.67 2.08 0.00	36.42 2.29 0.00	36.87 1.89 0.00	40.08 2.38 0.00	44.84 2.18 0.01	48.20 2.12 0.00	50.11 2.02 0.01	51.91 1.95 0.01	54.84 1.96 0.01	58.82 1.65 -0.36	60.51 1.48 0.27	61.12 1.91 9.26	61.83 2.53 17.34	61.11 2.42 19.41	60.41 2.05 20.65	60.41 1.21 16.45	62.25 0.83 7.64	59.39 1.50 0.01	51.64 1.94 0.00
NYPA__ASTORIA_CC1 323568	46.93 2.99 0.00	41.67 2.76 0.00	38.90 2.41 0.00	37.00 2.23 0.00	36.65 2.14 0.00	35.64 2.05 0.00	36.38 2.25 0.00	36.80 1.82 0.00	39.96 2.26 0.00	44.72 2.05 0.01	48.10 2.03 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.68 1.80 0.01	58.64 1.47 -0.36	60.22 1.30 0.38	60.55 1.64 9.56	60.62 2.22 18.25	60.62 2.18 19.66	60.18 1.82 20.65	60.18 0.98 16.45	60.44 0.55 9.18	59.22 1.33 0.01	51.54 1.84 0.00
NYPA__ASTORIA_CC2 323569	46.93 2.99 0.00	41.67 2.76 0.00	38.90 2.41 0.00	37.00 2.23 0.00	36.65 2.14 0.00	35.64 2.05 0.00	36.38 2.25 0.00	36.80 1.82 0.00	39.96 2.26 0.00	44.72 2.05 0.01	48.10 2.03 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.68 1.80 0.01	58.64 1.47 -0.36	60.22 1.30 0.38	60.55 1.64 9.56	60.62 2.22 18.25	60.62 2.18 19.66	60.18 1.82 20.65	60.18 0.98 16.45	60.44 0.55 9.18	59.22 1.33 0.01	51.54 1.84 0.00
NYPA__HOLTSVILL 23794	47.23 3.30 0.00	42.14 3.23 0.00	39.26 2.77 0.00	36.96 2.19 0.00	36.83 2.31 0.00	35.91 2.32 0.00	36.45 2.32 0.00	36.80 1.82 0.00	40.45 2.75 0.00	45.88 3.20 0.00	47.69 1.61 0.00	49.00 0.91 0.00	49.44 0.80 1.33	50.32 0.74 3.31	52.29 0.51 5.02	57.54 0.36 2.11	68.27 0.61 0.81	65.17 0.92 12.40	63.25 0.86 15.71	57.91 0.48 21.58	54.51 -0.23 20.92	52.81 -0.48 15.78	49.62 0.12 8.38	48.67 0.30 1.33
NYPA____HELLGATE_GT1 24158	47.15 3.21 -0.01	41.87 2.96 -0.01	39.13 2.63 -0.01	37.15 2.37 -0.01	36.80 2.28 -0.01	35.81 2.22 0.00	36.49 2.35 0.00	36.80 1.82 0.00	39.96 2.26 0.00	44.67 2.01 0.01	48.10 2.03 0.00	49.87 1.78 0.01	51.81 1.85 0.01	54.84 1.96 0.01	58.87 1.70 -0.36	61.19 1.60 -0.29	70.90 1.99 -0.45	79.42 2.61 -0.17	80.66 2.57 0.01	81.22 2.21 0.01	77.01 1.36 0.01	69.95 0.90 0.01	59.56 1.68 0.01	51.84 2.14 -0.01
NYPA____HELLGATE_GT2 24159	47.15 3.21 -0.01	41.87 2.96 -0.01	39.13 2.63 -0.01	37.15 2.37 -0.01	36.80 2.28 -0.01	35.81 2.22 0.00	36.49 2.35 0.00	36.80 1.82 0.00	39.96 2.26 0.00	44.67 2.01 0.01	48.10 2.03 0.00	49.87 1.78 0.01	51.81 1.85 0.01	54.84 1.96 0.01	58.87 1.70 -0.36	61.19 1.60 -0.29	70.90 1.99 -0.45	79.42 2.61 -0.17	80.66 2.57 0.01	81.22 2.21 0.01	77.01 1.36 0.01	69.95 0.90 0.01	59.56 1.68 0.01	51.84 2.14 -0.01
NYS_BARGE__HYD 23848	43.01 -0.92 0.00	39.81 0.90 0.00	37.44 0.95 0.00	34.74 -0.03 0.00	34.00 -0.52 0.00	33.29 -0.30 0.00	33.41 -0.72 0.00	35.61 0.63 0.00	38.38 0.68 0.00	42.25 -0.43 0.00	45.71 -0.37 0.00	48.00 -0.10 0.00	50.62 0.65 0.00	54.10 1.22 0.00	59.59 2.78 0.00	62.03 2.73 0.00	71.07 2.60 0.00	81.01 4.37 0.00	82.86 4.76 0.00	84.23 5.21 0.00	78.45 2.80 0.00	71.21 2.14 0.00	58.64 0.75 0.00	51.64 1.94 0.00
OAK ORCHARD__HYD 24046	43.85 -0.09 0.00	39.88 0.97 0.00	37.44 0.95 0.00	35.08 0.31 0.00	34.76 0.24 0.00	33.69 0.10 0.00	34.17 0.03 0.00	35.61 0.63 0.00	38.53 0.83 0.00	43.15 0.47 0.00	46.68 0.60 0.00	48.91 0.82 0.00	51.37 1.40 0.00	54.74 1.85 0.00	59.70 2.90 0.00	62.26 2.96 0.00	71.62 3.15 0.00	81.25 4.60 0.00	83.02 4.92 0.00	84.39 5.38 0.00	79.36 3.71 0.00	72.18 3.11 0.00	59.69 1.80 0.00	51.59 1.89 0.00

OAKDALE___35_KV_LOAD 356122	44.29 0.35 0.00	39.65 0.74 0.00	37.26 0.77 0.00	35.29 0.52 0.00	35.00 0.48 0.00	34.06 0.47 0.00	34.61 0.48 0.00	35.68 0.70 0.00	38.42 0.72 0.00	43.19 0.51 0.00	46.63 0.55 0.00	48.72 0.63 0.00	50.82 0.85 0.00	53.95 1.06 0.00	58.11 1.31 0.00	60.84 1.54 0.00	70.18 1.71 0.00	79.18 2.53 0.00	81.07 2.97 0.00	82.18 3.16 0.00	77.62 1.97 0.00	70.65 1.59 0.00	58.99 1.10 0.00	50.74 1.04 0.00
OCC_CHEM___DRP 24175	42.00 -1.93 0.00	38.52 -0.39 0.00	36.60 0.11 0.00	33.97 -0.80 0.00	34.13 -0.38 0.00	32.51 -1.07 0.00	33.01 -1.13 0.00	34.74 -0.24 0.00	38.04 0.34 0.00	41.74 -0.94 0.00	45.11 -0.97 0.00	47.42 -0.67 0.00	50.07 0.10 0.00	53.42 0.53 0.00	58.17 1.36 0.00	61.31 2.02 0.00	70.18 1.71 0.00	79.87 3.22 0.00	81.54 3.44 0.00	82.81 3.79 0.00	77.24 1.59 0.00	70.17 1.11 0.00	57.83 -0.06 0.00	50.54 0.84 0.00
OH_GEN_PROXY 24063	42.53 -1.41 0.00	39.30 0.39 0.00	37.00 0.51 0.00	34.36 -0.42 0.00	34.00 -0.52 0.00	32.95 -0.64 0.00	33.45 -0.68 0.00	35.16 0.18 0.00	38.04 0.34 0.00	42.21 -0.47 0.00	45.62 -0.46 0.00	47.85 -0.24 0.00	50.52 0.55 0.00	54.00 1.11 0.00	59.37 2.56 0.00	61.79 2.49 0.00	70.86 2.40 0.00	80.71 4.06 0.00	82.39 4.29 0.00	83.68 4.66 0.00	78.07 2.42 0.00	73.40 1.79 -2.54	55.81 0.46 2.54	51.04 1.34 0.00
OLIN_CORP_DRP 24177	42.75 -1.19 0.00	39.22 0.31 0.00	37.26 0.77 0.00	34.56 -0.21 0.00	33.69 -0.83 0.00	33.12 -0.47 0.00	33.62 -0.51 0.00	35.37 0.38 0.00	37.74 0.04 0.00	41.86 -0.81 0.00	45.25 -0.83 0.00	47.56 -0.53 0.00	50.17 0.20 0.00	53.58 0.69 0.00	58.34 1.53 0.00	61.49 2.19 0.00	70.45 1.99 0.00	80.25 3.60 0.00	82.00 3.90 0.00	83.36 4.35 0.00	77.62 1.97 0.00	70.52 1.45 0.00	58.06 0.17 0.00	51.19 1.49 0.00
OLIN_CORP_DSASP 323712	42.00 -1.93 0.00	38.87 -0.04 0.00	36.60 0.11 0.00	33.97 -0.80 0.00	34.13 -0.38 0.00	32.51 -1.08 0.00	33.58 -0.55 0.00	34.81 -0.17 0.00	37.66 -0.04 0.00	41.74 -0.94 0.00	45.16 -0.92 0.00	47.42 -0.67 0.00	50.07 0.10 0.00	53.52 0.64 0.00	58.91 2.10 0.00	61.31 2.02 0.00	70.18 1.71 0.00	79.87 3.22 0.00	81.53 3.43 0.00	82.81 3.79 0.00	77.24 1.59 0.00	70.17 1.10 0.00	57.78 -0.12 0.00	50.60 0.90 0.00
ONEIDA_HERK_LFGE 323681	45.04 1.10 0.00	39.96 1.05 0.00	37.51 1.02 0.00	35.68 0.90 0.00	35.52 1.00 0.00	34.60 1.01 0.00	35.05 0.92 0.00	36.00 1.02 0.00	38.75 1.05 0.00	43.78 1.11 0.00	47.55 1.47 0.00	49.49 1.40 0.00	51.42 1.45 0.00	54.42 1.53 0.00	58.46 1.65 0.00	61.07 1.78 0.00	70.52 2.05 0.00	79.33 2.68 0.00	81.53 3.43 0.00	82.89 3.87 0.00	79.51 3.86 0.00	72.45 3.38 0.00	60.21 2.32 0.00	51.64 1.94 0.00
ONEIDA___115KV_TB4 55905	45.17 1.23 0.00	40.16 1.25 0.00	37.69 1.20 0.00	35.82 1.04 0.00	35.65 1.14 0.00	34.70 1.11 0.00	35.16 1.02 0.00	36.10 1.12 0.00	38.83 1.13 0.00	43.83 1.15 0.00	47.42 1.34 0.00	49.44 1.35 0.00	51.42 1.45 0.00	54.53 1.64 0.00	58.57 1.76 0.00	61.25 1.96 0.00	70.66 2.19 0.00	79.56 2.91 0.00	81.85 3.75 0.00	83.04 4.03 0.00	79.36 3.71 0.00	72.24 3.18 0.00	60.21 2.32 0.00	51.59 1.89 0.00
ONONDAGA_REF_OCCRA 23987	43.72 -0.22 0.00	38.99 0.08 0.00	36.64 0.15 0.00	34.81 0.03 0.00	34.51 0.00 0.00	33.59 0.00 0.00	34.10 -0.03 0.00	35.05 0.07 0.00	37.78 0.08 0.00	42.55 -0.13 0.00	45.99 -0.09 0.00	48.05 -0.05 0.00	50.02 0.05 0.00	53.05 0.16 0.00	57.09 0.28 0.00	59.65 0.36 0.00	68.81 0.34 0.00	77.57 0.92 0.00	79.43 1.33 0.00	80.44 1.42 0.00	76.41 0.76 0.00	69.55 0.48 0.00	58.12 0.23 0.00	49.90 0.20 0.00
ONONDAGA___COGEN 23986	43.63 -0.31 0.00	38.91 0.00 0.00	36.53 0.04 0.00	34.70 -0.07 0.00	34.41 -0.10 0.00	33.45 -0.13 0.00	34.00 -0.14 0.00	34.95 -0.03 0.00	37.70 0.00 0.00	42.50 -0.17 0.00	45.94 -0.14 0.00	48.00 -0.10 0.00	49.92 -0.05 0.00	52.99 0.11 0.00	56.98 0.17 0.00	59.53 0.24 0.00	68.60 0.14 0.00	77.34 0.69 0.00	79.19 1.09 0.00	80.20 1.19 0.00	76.18 0.53 0.00	69.34 0.28 0.00	58.01 0.12 0.00	49.80 0.10 0.00
ONTARIO___LFGE 23819	44.60 0.66 0.00	40.23 1.32 0.00	37.73 1.24 0.00	35.50 0.73 0.00	35.17 0.65 0.00	34.19 0.61 0.00	34.71 0.58 0.00	36.00 1.02 0.00	38.87 1.17 0.00	43.61 0.94 0.00	47.09 1.01 0.00	49.30 1.20 0.00	51.27 1.30 0.00	54.63 1.74 0.00	59.30 2.50 0.00	61.90 2.61 0.00	71.34 2.88 0.00	81.09 4.44 0.00	83.33 5.23 0.00	84.78 5.77 0.00	79.81 4.16 0.00	72.52 3.45 0.00	60.15 2.26 0.00	51.74 2.04 0.00
ORANGEVILLE_WT_PWR 323706	43.19 -0.75 0.00	39.61 0.70 0.00	37.26 0.77 0.00	34.70 -0.07 0.00	34.31 -0.21 0.00	33.36 -0.23 0.00	33.86 -0.27 0.00	35.54 0.56 0.00	38.38 0.68 0.00	42.63 -0.04 0.00	46.03 -0.05 0.00	48.19 0.10 0.00	50.72 0.75 0.00	54.21 1.32 0.00	59.48 2.67 0.00	62.03 2.73 0.00	71.21 2.74 0.00	81.17 4.52 0.00	83.41 5.31 0.00	84.94 5.93 0.00	79.43 3.78 0.00	72.10 3.04 0.00	59.45 1.56 0.00	51.79 2.09 0.00
ORANGEVILLE___ESR 323794	43.19 -0.75 0.00	39.61 0.70 0.00	37.26 0.77 0.00	34.70 -0.07 0.00	34.31 -0.21 0.00	33.36 -0.23 0.00	33.86 -0.27 0.00	35.54 0.56 0.00	38.38 0.68 0.00	42.63 -0.04 0.00	46.03 -0.05 0.00	48.19 0.10 0.00	50.72 0.75 0.00	54.21 1.32 0.00	59.48 2.67 0.00	62.03 2.73 0.00	71.21 2.74 0.00	81.17 4.52 0.00	83.41 5.31 0.00	84.94 5.93 0.00	79.43 3.78 0.00	72.10 3.04 0.00	59.45 1.56 0.00	51.79 2.09 0.00
OSWEGATCHIE___HYD 24044	44.68 0.75 0.00	39.38 0.47 0.00	36.96 0.47 0.00	35.12 0.35 0.00	35.00 0.48 0.00	34.06 0.47 0.00	34.51 0.38 0.00	35.44 0.45 0.00	38.19 0.49 0.00	43.44 0.77 0.00	47.32 1.24 0.00	49.20 1.11 0.00	50.97 1.00 0.00	53.94 1.06 0.00	57.94 1.14 0.00	60.60 1.30 0.00	69.97 1.50 0.00	78.41 1.76 0.00	80.60 2.50 0.00	82.09 3.08 0.00	79.43 3.78 0.00	72.59 3.52 0.00	60.21 2.32 0.00	51.59 1.89 0.00
OSWEGO___5 23606	43.06 -0.88 0.00	38.40 -0.51 0.00	36.01 -0.48 0.00	34.21 -0.56 0.00	33.96 -0.55 0.00	33.02 -0.57 0.00	33.55 -0.58 0.00	34.49 -0.49 0.00	37.14 -0.56 0.00	41.86 -0.81 0.00	45.25 -0.83 0.00	47.28 -0.82 0.00	49.17 -0.80 0.00	52.15 -0.74 0.00	56.13 -0.68 0.00	58.53 -0.77 0.00	67.57 -0.89 0.00	75.96 -0.69 0.00	77.71 -0.39 0.00	78.70 -0.31 0.00	74.89 -0.76 0.00	68.24 -0.83 0.00	57.02 -0.87 0.00	49.05 -0.65 0.00
OSWEGO___6 23613	43.06 -0.88 0.00	38.40 -0.51 0.00	36.01 -0.48 0.00	34.21 -0.56 0.00	33.96 -0.55 0.00	33.02 -0.57 0.00	33.55 -0.58 0.00	34.49 -0.49 0.00	37.14 -0.56 0.00	41.86 -0.81 0.00	45.25 -0.83 0.00	47.28 -0.82 0.00	49.17 -0.80 0.00	52.15 -0.74 0.00	56.13 -0.68 0.00	58.53 -0.77 0.00	67.57 -0.89 0.00	75.96 -0.69 0.00	77.71 -0.39 0.00	78.70 -0.31 0.00	74.89 -0.76 0.00	68.24 -0.83 0.00	57.02 -0.87 0.00	49.05 -0.65 0.00

OUTOKUMPU-AB___DRP 24206	43.06 -0.88 0.00	39.46 0.54 0.00	37.44 0.95 0.00	34.77 0.00 0.00	34.48 -0.03 0.00	33.29 -0.30 0.00	33.79 -0.34 0.00	35.58 0.59 0.00	38.64 0.94 0.00	42.72 0.04 0.00	46.22 0.14 0.00	48.57 0.48 0.00	51.27 1.30 0.00	54.74 1.85 0.00	59.65 2.84 0.00	62.86 3.56 0.00	71.82 3.35 0.00	81.71 5.06 0.00	83.49 5.39 0.00	84.86 5.85 0.00	79.13 3.48 0.00	71.83 2.76 0.00	59.34 1.45 0.00	51.89 2.19 0.00
OXBOW___BTM 323836	42.62 -1.32 0.00	39.42 0.50 0.00	37.07 0.58 0.00	34.42 -0.35 0.00	34.38 -0.14 0.00	32.95 -0.64 0.00	33.79 -0.34 0.00	35.30 0.31 0.00	38.19 0.49 0.00	42.33 -0.34 0.00	45.80 -0.27 0.00	48.09 0.00 0.00	50.82 0.85 0.00	54.32 1.43 0.00	59.82 3.01 0.00	62.26 2.96 0.00	71.21 2.74 0.00	80.55 3.91 0.00	82.31 4.21 0.00	83.68 4.66 0.00	78.45 2.80 0.00	71.21 2.14 0.00	58.70 0.81 0.00	51.39 1.69 0.00
OXBOW___ 24026	42.62 -1.32 0.00	39.07 0.16 0.00	37.07 0.58 0.00	34.42 -0.35 0.00	34.38 -0.14 0.00	32.95 -0.64 0.00	33.45 -0.68 0.00	35.23 0.24 0.00	38.42 0.72 0.00	42.33 -0.34 0.00	45.76 -0.32 0.00	48.09 0.00 0.00	50.82 0.85 0.00	54.26 1.38 0.00	59.08 2.27 0.00	62.26 2.96 0.00	71.20 2.74 0.00	80.56 3.91 0.00	82.32 4.22 0.00	83.68 4.66 0.00	78.45 2.80 0.00	71.21 2.14 0.00	58.76 0.87 0.00	51.34 1.64 0.00
OXY_CHEM_DSASP 323612	42.00 -1.93 0.00	38.52 -0.39 0.00	36.60 0.11 0.00	33.97 -0.80 0.00	34.13 -0.38 0.00	32.51 -1.07 0.00	33.01 -1.13 0.00	34.74 -0.24 0.00	38.04 0.34 0.00	41.74 -0.94 0.00	45.11 -0.97 0.00	47.42 -0.67 0.00	50.07 0.10 0.00	53.42 0.53 0.00	58.17 1.36 0.00	61.31 2.02 0.00	70.18 1.71 0.00	79.87 3.22 0.00	81.54 3.44 0.00	82.81 3.79 0.00	77.24 1.59 0.00	70.17 1.11 0.00	57.83 -0.06 0.00	50.54 0.84 0.00
OZONE_PARK_ESR 323760	47.23 3.30 0.00	41.98 3.07 0.00	39.15 2.66 0.00	37.21 2.43 0.00	36.86 2.35 0.00	35.97 2.38 0.00	36.83 2.70 0.00	37.47 2.48 0.00	40.64 2.94 0.00	45.53 2.86 0.00	48.94 2.86 0.00	50.98 2.89 0.00	52.77 2.80 0.00	55.85 2.96 0.00	60.13 2.95 -0.37	62.20 2.61 -0.30	72.07 3.15 -0.46	80.73 3.91 -0.18	82.08 3.98 0.00	82.65 3.63 0.00	78.30 2.65 0.00	71.14 2.07 0.00	60.44 2.55 0.00	52.28 2.58 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	42.00 -1.93 0.00	38.52 -0.39 0.00	36.60 0.11 0.00	33.97 -0.80 0.00	34.13 -0.38 0.00	32.51 -1.07 0.00	33.01 -1.13 0.00	34.74 -0.24 0.00	38.04 0.34 0.00	41.74 -0.94 0.00	45.11 -0.97 0.00	47.42 -0.67 0.00	50.07 0.10 0.00	53.42 0.53 0.00	58.17 1.36 0.00	61.31 2.02 0.00	70.18 1.71 0.00	79.87 3.22 0.00	81.54 3.44 0.00	82.81 3.79 0.00	77.24 1.59 0.00	70.17 1.11 0.00	57.83 -0.06 0.00	50.54 0.84 0.00
PACKARD___115KV_DUPONT_184 80571	42.00 -1.93 0.00	38.52 -0.39 0.00	36.60 0.11 0.00	33.97 -0.80 0.00	34.13 -0.38 0.00	32.51 -1.07 0.00	33.01 -1.13 0.00	34.74 -0.24 0.00	38.04 0.34 0.00	41.74 -0.94 0.00	45.11 -0.97 0.00	47.42 -0.67 0.00	50.07 0.10 0.00	53.42 0.53 0.00	58.17 1.36 0.00	61.31 2.02 0.00	70.18 1.71 0.00	79.87 3.22 0.00	81.54 3.44 0.00	82.81 3.79 0.00	77.24 1.59 0.00	70.17 1.11 0.00	57.83 -0.06 0.00	50.54 0.84 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	47.11 3.16 -0.01	41.92 3.00 -0.01	39.05 2.55 -0.01	37.11 2.33 -0.01	36.77 2.24 -0.01	35.74 2.15 0.00	36.42 2.29 0.00	36.80 1.82 0.00	39.92 2.22 0.00	44.60 1.92 0.00	48.02 1.94 0.00	49.87 1.78 0.00	51.72 1.75 0.00	54.74 1.85 0.00	58.94 1.76 -0.37	61.07 1.48 -0.29	70.76 1.85 -0.45	79.27 2.45 -0.17	80.51 2.42 0.01	81.06 2.05 0.01	76.85 1.21 0.01	69.89 0.83 0.01	59.40 1.51 0.00	51.75 2.04 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	47.94 4.00 -0.01	42.69 3.77 -0.01	39.78 3.28 -0.01	37.77 2.99 -0.01	37.42 2.90 -0.01	36.34 2.75 0.00	37.03 2.90 0.00	37.43 2.45 0.00	40.60 2.90 0.00	45.36 2.69 0.00	48.84 2.76 0.00	50.69 2.60 0.00	52.57 2.60 0.00	55.69 2.80 0.00	60.02 2.84 -0.37	62.14 2.55 -0.29	72.07 3.15 -0.45	80.72 3.91 -0.17	82.00 3.90 0.01	82.56 3.56 0.01	78.29 2.65 0.01	71.13 2.07 0.01	60.44 2.55 0.00	52.69 2.98 -0.01
PATROON___115KV_TB1 80586	44.51 0.57 0.00	39.61 0.70 0.00	37.22 0.73 0.00	35.57 0.80 0.00	35.31 0.79 0.00	34.33 0.74 0.00	34.81 0.68 0.00	35.58 0.59 0.00	38.19 0.49 0.00	42.68 0.00 0.00	45.90 -0.18 0.00	48.09 0.00 0.00	49.92 -0.05 0.00	52.73 -0.16 0.00	56.05 -0.45 0.30	58.35 -0.71 0.24	67.34 -0.75 0.37	75.82 -0.69 0.14	78.02 -0.08 0.00	78.78 -0.24 0.00	74.97 -0.68 0.00	68.44 -0.62 0.00	57.77 -0.12 0.00	49.55 -0.15 0.00
PATTRSNVILLE___SOLAR 323815	45.78 1.84 0.00	40.66 1.75 0.00	38.09 1.60 0.00	36.34 1.57 0.00	36.10 1.59 0.00	35.10 1.51 0.00	35.53 1.40 0.00	36.45 1.47 0.00	39.10 1.40 0.00	43.74 1.07 0.00	47.09 1.01 0.00	49.34 1.25 0.00	51.22 1.25 0.00	54.15 1.27 0.00	57.53 0.96 0.24	59.93 0.83 0.19	69.19 1.03 0.30	78.06 1.53 0.11	80.67 2.57 0.00	82.02 3.00 0.00	78.22 2.57 0.00	71.42 2.35 0.00	60.03 2.14 0.00	51.44 1.74 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	42.93 -1.01 0.00	39.22 0.31 0.00	37.18 0.69 0.00	34.56 -0.21 0.00	34.10 -0.41 0.00	33.15 -0.44 0.00	33.69 -0.44 0.00	35.47 0.49 0.00	38.42 0.72 0.00	42.76 0.09 0.00	46.26 0.18 0.00	48.67 0.58 0.00	51.27 1.30 0.00	54.79 1.90 0.00	59.59 2.78 0.00	62.97 3.68 0.00	72.30 3.83 0.00	82.47 5.83 0.00	84.42 6.33 0.00	85.73 6.72 0.00	79.58 3.93 0.00	72.17 3.11 0.00	59.40 1.51 0.00	51.54 1.84 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	46.48 2.55 0.00	41.36 2.45 0.00	38.68 2.19 0.00	36.75 1.98 0.00	36.48 1.97 0.00	35.57 1.98 0.00	36.32 2.18 0.00	36.91 1.92 0.00	39.92 2.22 0.00	44.77 2.09 0.00	48.20 2.12 0.00	50.31 2.21 0.00	52.17 2.20 0.00	55.11 2.22 0.00	59.41 2.27 -0.33	61.70 2.13 -0.26	71.47 2.60 -0.41	80.02 3.22 -0.16	81.69 3.59 0.00	82.25 3.24 0.00	78.00 2.35 0.00	71.00 1.93 0.00	60.03 2.14 0.00	51.54 1.84 0.00
PEEKSKILL___ 23653	46.22 2.28 0.00	41.05 2.14 0.00	38.39 1.90 0.00	36.51 1.74 0.00	36.24 1.72 0.00	35.33 1.75 0.00	36.11 1.98 0.00	36.66 1.68 0.00	39.73 2.03 0.00	44.55 1.88 0.00	47.88 1.80 0.00	49.87 1.78 0.00	51.72 1.75 0.00	54.63 1.74 0.00	58.76 1.59 -0.36	61.07 1.48 -0.29	70.77 1.85 -0.45	79.27 2.45 -0.17	80.60 2.50 0.00	81.15 2.13 0.00	76.94 1.28 0.00	69.96 0.90 0.00	59.34 1.45 0.00	51.09 1.39 0.00
PGE MADISON___WINDPWR 24146	47.37 3.43 0.00	42.34 3.42 0.00	39.63 3.14 0.00	37.52 2.75 0.00	37.55 3.04 0.00	36.65 3.06 0.00	37.10 2.97 0.00	38.38 3.39 0.00	41.28 3.58 0.00	46.47 3.80 0.00	50.37 4.29 0.00	52.33 4.23 0.00	54.42 4.45 0.00	57.70 4.81 0.00	62.26 5.45 0.00	65.11 5.81 0.00	74.97 6.51 0.00	85.08 8.43 0.00	88.41 10.31 0.00	90.31 11.30 0.00	86.02 10.36 0.00	77.98 8.91 0.00	64.55 6.65 0.00	55.12 5.42 0.00

PIERCEFIELD___HYD 23852	44.24 0.31 0.00	38.79 -0.12 0.00	36.31 -0.18 0.00	34.60 -0.17 0.00	34.41 -0.10 0.00	33.45 -0.13 0.00	33.96 -0.17 0.00	34.88 -0.10 0.00	37.70 0.00 0.00	43.23 0.55 0.00	47.05 0.97 0.00	48.82 0.72 0.00	50.62 0.65 0.00	53.52 0.63 0.00	57.55 0.74 0.00	60.13 0.83 0.00	69.36 0.89 0.00	77.26 0.61 0.00	78.72 0.62 0.00	80.04 1.03 0.00	77.77 2.12 0.00	71.28 2.21 0.00	59.45 1.56 0.00	50.74 1.04 0.00
PINELAWN_CC_1 323563	47.49 3.56 0.00	42.26 3.35 0.00	39.37 2.88 0.00	37.10 2.33 0.00	36.89 2.38 0.00	36.01 2.42 0.00	36.62 2.49 0.00	37.01 2.03 0.00	40.60 2.90 0.00	45.92 3.24 0.00	48.01 1.93 0.00	48.96 0.87 0.00	49.49 0.70 1.18	50.60 0.64 2.93	52.79 0.34 4.36	57.93 0.30 1.67	68.45 0.21 0.22	66.56 0.69 10.77	64.83 0.62 13.90	60.39 0.48 19.10	56.98 -0.15 18.52	54.72 -0.41 13.93	50.76 0.29 7.42	49.36 0.84 1.18
PJM_GEN_HTTP_PROXY 323702	46.71 2.77 0.00	41.44 2.53 0.00	38.72 2.23 0.00	36.82 2.05 0.00	36.51 2.00 0.00	35.60 2.02 0.00	36.42 2.29 0.00	37.01 2.03 0.00	40.19 2.49 0.00	45.02 2.35 0.00	48.34 2.26 0.00	50.31 2.21 0.00	52.12 2.15 0.00	55.11 2.22 0.00	59.16 1.99 -0.37	61.37 1.78 -0.30	71.18 2.26 -0.46	79.66 2.84 -0.18	80.91 2.81 0.00	81.47 2.45 0.00	77.24 1.59 0.00	71.98 1.10 -1.81	57.88 1.80 1.81	51.59 1.89 0.00
PJM_GEN_KEystone 24065	44.51 0.57 0.00	40.12 1.21 0.00	37.58 1.09 0.00	35.43 0.66 0.00	35.10 0.59 0.00	34.19 0.61 0.00	34.85 0.72 0.00	35.86 0.87 0.00	38.83 1.13 0.00	43.40 0.72 0.00	46.72 0.64 0.00	48.86 0.77 0.00	50.97 1.00 0.00	53.98 1.27 0.17	58.20 1.65 0.26	60.68 1.72 0.34	69.91 1.91 0.47	78.61 2.91 0.95	79.83 3.13 1.40	80.20 3.00 1.82	75.59 1.51 1.57	70.85 1.04 -0.75	56.46 0.81 2.24	50.79 1.09 0.00
PJM_GEN_NEPTUNE_PROXY 323594	46.97 3.03 0.00	41.75 2.84 0.00	38.93 2.45 0.00	36.75 1.98 0.00	36.51 2.00 0.00	35.64 2.05 0.00	36.28 2.15 0.00	36.70 1.71 0.00	40.19 2.49 0.00	45.41 2.73 0.00	47.65 1.57 0.00	49.20 1.11 0.00	49.54 1.00 1.43	50.28 0.95 3.56	52.19 0.68 5.31	58.04 0.53 1.79	69.66 0.75 -0.44	65.07 1.22 12.80	62.40 1.17 16.87	56.59 0.79 23.21	53.15 0.00 22.50	53.74 -0.28 15.05	47.47 0.41 10.83	48.81 0.55 1.43
PJM_GEN_VFT_PROXY 323633	46.53 2.59 0.00	41.28 2.37 0.00	38.57 2.08 0.00	36.65 1.88 0.00	36.34 1.83 0.00	35.47 1.88 0.00	36.32 2.19 0.00	36.91 1.92 0.00	40.08 2.38 0.00	44.89 2.22 0.00	48.20 2.12 0.00	50.16 2.07 0.00	51.87 1.90 0.00	52.33 1.90 2.46	52.24 1.53 6.10	53.85 1.36 6.81	60.46 1.71 9.72	64.26 2.30 14.68	60.41 2.27 19.95	54.88 1.82 25.95	54.22 0.98 22.42	56.36 0.62 13.33	51.40 1.45 7.94	51.34 1.64 0.00
PLATSBURG_115KV_PMLD1 355749	44.51 0.57 0.00	39.07 0.16 0.00	36.49 0.00 0.00	34.77 0.00 0.00	34.51 0.00 0.00	33.56 -0.03 0.00	34.13 0.00 0.00	35.12 0.14 0.00	38.08 0.38 0.00	43.70 1.02 0.00	47.46 1.38 0.00	48.77 0.67 0.00	50.42 0.45 0.00	53.31 0.42 0.00	57.37 0.57 0.00	59.89 0.59 0.00	69.22 0.75 0.00	77.03 0.38 0.00	78.18 0.08 0.00	79.25 0.24 0.00	76.71 1.06 0.00	70.10 1.04 0.00	58.47 0.58 0.00	50.05 0.35 0.00
PLEASANTVLY___LBMP 24000	45.74 1.80 0.00	40.70 1.79 0.00	38.06 1.57 0.00	36.23 1.46 0.00	35.96 1.45 0.00	35.03 1.44 0.00	35.77 1.64 0.00	36.38 1.40 0.00	39.28 1.58 0.00	44.00 1.32 0.00	47.32 1.24 0.00	49.34 1.25 0.00	51.17 1.20 0.00	54.05 1.16 0.00	58.30 1.08 -0.42	60.40 0.77 -0.34	70.01 1.03 -0.52	78.30 1.46 -0.20	79.66 1.56 0.00	80.36 1.34 0.00	76.26 0.61 0.00	69.41 0.35 0.00	58.82 0.93 0.00	50.59 0.89 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	46.18 2.24 0.00	41.05 2.14 0.00	38.35 1.86 0.00	36.48 1.70 0.00	36.20 1.69 0.00	35.30 1.71 0.00	36.08 1.95 0.00	36.70 1.71 0.00	39.66 1.96 0.00	44.51 1.84 0.00	47.88 1.80 0.00	49.87 1.78 0.00	51.67 1.70 0.00	54.63 1.75 0.00	58.95 1.76 -0.38	61.14 1.54 -0.30	70.85 1.92 -0.47	79.28 2.45 -0.18	80.60 2.50 0.00	81.23 2.21 0.00	76.94 1.29 0.00	69.96 0.90 0.00	59.28 1.39 0.00	51.04 1.34 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	46.18 2.24 0.00	41.05 2.14 0.00	38.35 1.86 0.00	36.48 1.70 0.00	36.20 1.69 0.00	35.30 1.71 0.00	36.08 1.95 0.00	36.70 1.71 0.00	39.66 1.96 0.00	44.51 1.84 0.00	47.88 1.80 0.00	49.87 1.78 0.00	51.67 1.70 0.00	54.63 1.75 0.00	58.95 1.76 -0.38	61.14 1.54 -0.30	70.85 1.92 -0.47	79.28 2.45 -0.18	80.60 2.50 0.00	81.23 2.21 0.00	76.94 1.29 0.00	69.96 0.90 0.00	59.28 1.39 0.00	51.04 1.34 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	46.13 2.20 0.00	41.01 2.10 0.00	38.35 1.86 0.00	36.48 1.70 0.00	36.24 1.73 0.00	35.30 1.71 0.00	35.94 1.81 0.00	36.56 1.57 0.00	39.43 1.73 0.00	44.21 1.54 0.00	47.55 1.47 0.00	49.58 1.49 0.00	51.47 1.50 0.00	54.37 1.48 0.00	58.23 1.42 0.00	60.48 1.19 0.00	70.11 1.64 0.00	78.79 2.15 0.00	80.52 2.42 0.00	81.39 2.37 0.00	77.16 1.51 0.00	70.31 1.24 0.00	59.45 1.56 0.00	51.09 1.39 0.00
POLETTI_____ 23519	46.70 2.77 0.00	41.52 2.61 0.00	38.72 2.23 0.00	36.79 2.02 0.00	36.48 1.97 0.00	35.57 1.98 0.00	36.42 2.29 0.00	37.05 2.06 0.00	40.15 2.45 0.00	44.98 2.30 0.00	48.34 2.26 0.00	50.35 2.26 0.00	52.07 2.10 0.00	55.06 2.17 0.00	59.28 2.10 -0.37	61.32 1.72 -0.30	71.05 2.12 -0.46	79.51 2.68 -0.18	80.75 2.66 0.00	81.31 2.29 0.00	77.09 1.44 0.00	70.10 1.04 0.00	59.63 1.74 0.00	51.59 1.89 0.00
POMONA___ESR 323819	46.22 2.28 0.00	41.01 2.10 0.00	38.39 1.90 0.00	36.48 1.70 0.00	36.20 1.69 0.00	35.30 1.71 0.00	36.04 1.91 0.00	36.63 1.64 0.00	39.66 1.96 0.00	44.47 1.79 0.00	47.79 1.71 0.00	49.78 1.68 0.00	51.67 1.70 0.00	54.63 1.74 0.00	58.69 1.53 -0.35	61.06 1.48 -0.28	70.74 1.85 -0.43	79.26 2.45 -0.17	80.60 2.50 0.00	81.22 2.21 0.00	76.94 1.28 0.00	70.03 0.97 0.00	59.34 1.45 0.00	51.09 1.39 0.00
PORT_JEFF_3 23555	47.32 3.38 0.00	42.18 3.27 0.00	39.30 2.81 0.00	37.00 2.23 0.00	36.86 2.35 0.00	35.97 2.39 0.00	36.52 2.39 0.00	36.84 1.85 0.00	40.53 2.83 0.00	45.96 3.29 0.00	47.83 1.75 0.00	49.15 1.06 0.00	49.59 0.95 1.33	50.54 0.95 3.30	52.46 0.68 5.03	57.44 0.30 2.16	68.08 0.55 0.93	64.90 0.69 12.43	63.11 0.70 15.69	57.86 0.40 21.55	54.61 -0.15 20.89	53.02 -0.28 15.77	49.81 0.29 8.37	48.76 0.40 1.33
PORT_JEFF_4 23616	47.32 3.38 0.00	42.18 3.27 0.00	39.30 2.81 0.00	37.00 2.23 0.00	36.86 2.35 0.00	35.97 2.39 0.00	36.52 2.39 0.00	36.84 1.85 0.00	40.53 2.83 0.00	45.96 3.29 0.00	47.83 1.75 0.00	49.15 1.06 0.00	49.59 0.95 1.33	50.54 0.95 3.30	52.46 0.68 5.03	57.44 0.30 2.16	68.08 0.55 0.93	64.90 0.69 12.43	63.11 0.70 15.69	57.86 0.40 21.55	54.61 -0.15 20.89	53.02 -0.28 15.77	49.81 0.29 8.37	48.76 0.40 1.33

PORT_JEFF_IC 23713	47.41 3.47 0.00	42.30 3.39 0.00	39.37 2.88 0.00	37.03 2.26 0.00	36.90 2.38 0.00	36.01 2.42 0.00	36.56 2.42 0.00	37.08 2.10 0.00	40.60 2.90 0.00	46.05 3.37 0.00	48.06 1.98 0.00	49.49 1.39 0.00	49.69 1.05 1.33	50.71 1.11 3.29	52.84 1.08 5.05	57.58 0.59 2.31	67.92 0.82 1.36	64.77 0.69 12.57	63.40 0.94 15.63	58.26 0.71 21.47	54.99 0.15 20.81	53.25 -0.07 15.75	49.95 0.41 8.34	48.87 0.50 1.33
PPL PILGRIM_ST_GT1 24216	47.80 3.87 0.00	42.53 3.62 0.00	39.66 3.17 0.00	37.31 2.54 0.00	37.14 2.62 0.00	36.21 2.62 0.00	36.83 2.70 0.00	37.15 2.17 0.00	40.83 3.13 0.00	46.26 3.59 0.00	48.16 2.08 0.00	49.44 1.34 0.00	49.91 1.25 1.31	50.86 1.22 3.24	52.87 1.02 4.96	58.00 0.95 2.24	68.51 1.30 1.25	66.07 1.76 12.34	64.50 1.80 15.40	59.29 1.42 21.14	55.76 0.60 20.50	53.84 0.28 15.50	50.43 0.75 8.22	49.24 0.84 1.31
PPL PILGRIM_ST_GT2 24217	47.80 3.87 0.00	42.53 3.62 0.00	39.66 3.17 0.00	37.31 2.54 0.00	37.14 2.62 0.00	36.21 2.62 0.00	36.83 2.70 0.00	37.15 2.17 0.00	40.83 3.13 0.00	46.26 3.59 0.00	48.16 2.08 0.00	49.44 1.34 0.00	49.91 1.25 1.31	50.86 1.22 3.24	52.87 1.02 4.96	58.00 0.95 2.24	68.51 1.30 1.25	66.07 1.76 12.34	64.50 1.80 15.40	59.29 1.42 21.14	55.76 0.60 20.50	53.84 0.28 15.50	50.43 0.75 8.22	49.24 0.84 1.31
PPL_SHRM_GT3 24213	47.01 3.07 0.00	41.87 2.96 0.00	39.01 2.52 0.00	36.72 1.95 0.00	36.62 2.11 0.00	35.71 2.12 0.00	36.21 2.08 0.00	36.52 1.54 0.00	40.23 2.53 0.00	45.71 3.03 0.00	47.55 1.47 0.00	48.91 0.82 0.00	49.34 0.70 1.33	50.28 0.69 3.30	52.29 0.51 5.03	57.53 0.42 2.19	68.12 0.68 1.03	65.35 1.15 12.45	63.45 1.01 15.66	57.98 0.48 21.51	54.50 -0.30 20.85	52.76 -0.55 15.75	49.47 -0.06 8.36	48.42 0.05 1.33
PPL_SHRM_GT4 24214	47.01 3.07 0.00	41.87 2.96 0.00	39.01 2.52 0.00	36.72 1.95 0.00	36.62 2.11 0.00	35.71 2.12 0.00	36.21 2.08 0.00	36.52 1.54 0.00	40.23 2.53 0.00	45.71 3.03 0.00	47.55 1.47 0.00	48.91 0.82 0.00	49.34 0.70 1.33	50.28 0.69 3.30	52.29 0.51 5.03	57.53 0.42 2.19	68.12 0.68 1.03	65.35 1.15 12.45	63.45 1.01 15.66	57.98 0.48 21.51	54.50 -0.30 20.85	52.76 -0.55 15.75	49.47 -0.06 8.36	48.42 0.05 1.33
PROJECT___ORANGE 1 24174	43.59 -0.35 0.00	38.87 -0.04 0.00	36.56 0.07 0.00	34.74 -0.03 0.00	34.44 -0.07 0.00	33.52 -0.07 0.00	34.03 -0.10 0.00	35.02 0.03 0.00	37.70 0.00 0.00	42.46 -0.21 0.00	45.85 -0.23 0.00	47.95 -0.14 0.00	49.92 -0.05 0.00	52.94 0.05 0.00	56.98 0.17 0.00	59.48 0.18 0.00	68.60 0.14 0.00	77.26 0.61 0.00	79.11 1.02 0.00	80.12 1.11 0.00	76.10 0.45 0.00	69.27 0.21 0.00	57.89 0.00 0.00	49.75 0.05 0.00
PROJECT___ORANGE 2 24166	43.59 -0.35 0.00	38.87 -0.04 0.00	36.56 0.07 0.00	34.74 -0.03 0.00	34.44 -0.07 0.00	33.52 -0.07 0.00	34.03 -0.10 0.00	35.02 0.03 0.00	37.70 0.00 0.00	42.46 -0.21 0.00	45.85 -0.23 0.00	47.95 -0.14 0.00	49.92 -0.05 0.00	52.94 0.05 0.00	56.98 0.17 0.00	59.48 0.18 0.00	68.60 0.14 0.00	77.26 0.61 0.00	79.11 1.02 0.00	80.12 1.11 0.00	76.10 0.45 0.00	69.27 0.21 0.00	57.89 0.00 0.00	49.75 0.05 0.00
PUCKETT___SOLAR 323809	45.08 1.14 0.00	40.39 1.48 0.00	37.88 1.39 0.00	35.85 1.08 0.00	35.62 1.10 0.00	34.70 1.11 0.00	35.22 1.09 0.00	36.31 1.33 0.00	39.10 1.40 0.00	43.91 1.24 0.00	47.42 1.34 0.00	49.49 1.40 0.00	51.52 1.55 0.00	54.69 1.80 0.00	59.02 2.21 0.00	61.61 2.31 0.00	71.07 2.60 0.00	80.40 3.75 0.00	82.71 4.61 0.00	84.00 4.98 0.00	79.51 3.86 0.00	72.31 3.25 0.00	60.27 2.37 0.00	51.74 2.04 0.00
PYRITES___HYD 24023	45.03 1.10 0.00	39.46 0.54 0.00	36.93 0.44 0.00	35.16 0.38 0.00	35.03 0.52 0.00	34.09 0.50 0.00	34.51 0.38 0.00	35.40 0.42 0.00	38.19 0.49 0.00	43.70 1.02 0.00	47.51 1.43 0.00	49.25 1.15 0.00	51.02 1.05 0.00	53.95 1.06 0.00	58.00 1.19 0.00	60.66 1.36 0.00	70.04 1.57 0.00	78.18 1.53 0.00	79.89 1.80 0.00	81.62 2.61 0.00	79.58 3.93 0.00	72.86 3.80 0.00	60.73 2.84 0.00	51.74 2.04 0.00
QUAKERRD_115KV_BK1 80622	42.97 -0.97 0.00	38.76 -0.16 0.00	36.56 0.07 0.00	34.36 -0.42 0.00	34.03 -0.48 0.00	33.02 -0.57 0.00	33.45 -0.68 0.00	34.77 -0.21 0.00	37.66 -0.04 0.00	42.29 -0.38 0.00	45.66 -0.41 0.00	47.90 -0.19 0.00	50.17 0.20 0.00	53.42 0.53 0.00	57.77 0.97 0.00	60.66 1.36 0.00	69.77 1.30 0.00	79.02 2.38 0.00	80.83 2.73 0.00	82.02 3.00 0.00	77.32 1.66 0.00	70.31 1.24 0.00	58.30 0.41 0.00	50.25 0.55 0.00
QUENSBRY_115KV_TB8 356137	46.40 2.46 0.00	41.25 2.33 0.00	38.64 2.15 0.00	36.79 2.02 0.00	36.52 2.00 0.00	35.50 1.91 0.00	35.74 1.60 0.00	36.94 1.96 0.00	39.70 2.00 0.00	44.13 1.45 0.00	47.23 1.15 0.00	49.97 1.88 0.00	51.72 1.75 0.00	54.58 1.69 0.00	57.62 1.14 0.32	59.99 0.95 0.26	69.16 1.10 0.40	78.18 1.69 0.15	82.00 3.90 0.00	83.12 4.11 0.00	79.43 3.78 0.00	72.59 3.52 0.00	61.02 3.13 0.00	52.04 2.34 0.00
RAMAPO___LBMP 323565	46.05 2.11 0.00	40.93 2.02 0.00	38.24 1.75 0.00	36.34 1.56 0.00	36.07 1.55 0.00	35.17 1.58 0.00	35.94 1.81 0.00	36.52 1.54 0.00	39.51 1.81 0.00	44.30 1.62 0.00	47.60 1.52 0.00	49.63 1.54 0.00	51.47 1.50 0.00	54.42 1.53 0.00	58.68 1.53 -0.34	60.82 1.25 -0.27	70.46 1.57 -0.42	78.96 2.15 -0.16	80.29 2.19 0.00	80.91 1.90 0.00	76.63 0.98 0.00	69.76 0.69 0.00	59.11 1.22 0.00	50.89 1.19 0.00
RANKINE____ 23646	43.23 -0.70 0.00	39.53 0.62 0.00	37.51 1.02 0.00	34.84 0.07 0.00	34.41 -0.10 0.00	33.42 -0.17 0.00	33.93 -0.20 0.00	35.72 0.73 0.00	38.64 0.94 0.00	42.97 0.30 0.00	46.49 0.41 0.00	48.86 0.77 0.00	51.57 1.60 0.00	55.06 2.17 0.00	59.93 3.12 0.00	63.21 3.91 0.00	72.50 4.04 0.00	82.70 6.06 0.00	84.58 6.48 0.00	85.97 6.95 0.00	79.96 4.31 0.00	72.52 3.45 0.00	59.74 1.85 0.00	52.04 2.34 0.00
RAVENSWOOD_GT2_1 24244	46.75 2.81 0.00	41.56 2.65 0.00	38.79 2.30 0.00	36.86 2.09 0.00	36.55 2.04 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.08 2.10 0.00	40.19 2.49 0.00	45.07 2.39 0.00	48.38 2.30 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.16 2.27 0.00	59.39 2.22 -0.37	61.43 1.84 -0.30	71.18 2.26 -0.46	79.66 2.84 -0.18	80.99 2.89 0.00	81.54 2.53 0.00	77.24 1.59 0.00	70.24 1.17 0.00	59.69 1.79 0.00	51.64 1.94 0.00
RAVENSWOOD_GT2_2 24245	46.75 2.81 0.00	41.56 2.65 0.00	38.79 2.30 0.00	36.86 2.09 0.00	36.55 2.04 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.08 2.10 0.00	40.19 2.49 0.00	45.07 2.39 0.00	48.38 2.30 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.16 2.27 0.00	59.39 2.22 -0.37	61.43 1.84 -0.30	71.18 2.26 -0.46	79.66 2.84 -0.18	80.99 2.89 0.00	81.54 2.53 0.00	77.24 1.59 0.00	70.24 1.17 0.00	59.69 1.79 0.00	51.64 1.94 0.00



RAVENSWOOD_GT2_3 24246	46.79 2.86 0.00	41.60 2.68 0.00	38.79 2.30 0.00	36.86 2.09 0.00	36.55 2.04 0.00	35.64 2.05 0.00	36.49 2.36 0.00	37.08 2.10 0.00	40.23 2.53 0.00	45.07 2.39 0.00	48.43 2.35 0.00	50.45 2.36 0.00	52.22 2.25 0.00	55.16 2.27 0.00	59.45 2.27 -0.37	61.49 1.90 -0.30	71.25 2.33 -0.46	79.74 2.91 -0.18	81.07 2.97 0.00	81.62 2.61 0.00	77.32 1.66 0.00	70.31 1.24 0.00	59.74 1.85 0.00	51.64 1.94 0.00
RAVENSWOOD_GT2_4 24247	46.79 2.86 0.00	41.60 2.68 0.00	38.79 2.30 0.00	36.86 2.09 0.00	36.55 2.04 0.00	35.64 2.05 0.00	36.49 2.36 0.00	37.08 2.10 0.00	40.23 2.53 0.00	45.07 2.39 0.00	48.43 2.35 0.00	50.45 2.36 0.00	52.22 2.25 0.00	55.16 2.27 0.00	59.45 2.27 -0.37	61.49 1.90 -0.30	71.25 2.33 -0.46	79.74 2.91 -0.18	81.07 2.97 0.00	81.62 2.61 0.00	77.32 1.66 0.00	70.31 1.24 0.00	59.74 1.85 0.00	51.64 1.94 0.00
RAVENSWOOD_GT3_1 24248	46.75 2.81 0.00	41.56 2.65 0.00	38.79 2.30 0.00	36.86 2.09 0.00	36.55 2.04 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.08 2.10 0.00	40.23 2.53 0.00	45.07 2.39 0.00	48.38 2.30 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.16 2.27 0.00	59.39 2.22 -0.37	61.43 1.84 -0.30	71.18 2.26 -0.46	79.66 2.84 -0.18	80.99 2.89 0.00	81.54 2.53 0.00	77.24 1.59 0.00	70.24 1.17 0.00	59.69 1.79 0.00	51.64 1.94 0.00
RAVENSWOOD_GT3_2 24249	46.75 2.81 0.00	41.56 2.65 0.00	38.79 2.30 0.00	36.86 2.09 0.00	36.55 2.04 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.08 2.10 0.00	40.23 2.53 0.00	45.07 2.39 0.00	48.38 2.30 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.16 2.27 0.00	59.39 2.22 -0.37	61.43 1.84 -0.30	71.18 2.26 -0.46	79.66 2.84 -0.18	80.99 2.89 0.00	81.54 2.53 0.00	77.24 1.59 0.00	70.24 1.17 0.00	59.69 1.79 0.00	51.64 1.94 0.00
RAVENSWOOD_GT3_3 24250	46.84 2.90 0.00	41.63 2.72 0.00	38.82 2.34 0.00	36.93 2.16 0.00	36.58 2.07 0.00	35.67 2.08 0.00	36.52 2.39 0.00	37.15 2.17 0.00	40.26 2.56 0.00	45.15 2.48 0.00	48.48 2.40 0.00	50.50 2.40 0.00	52.27 2.30 0.00	55.27 2.38 0.00	59.51 2.33 -0.37	61.55 1.96 -0.30	71.32 2.40 -0.46	79.89 3.07 -0.18	81.14 3.05 0.00	81.70 2.69 0.00	77.47 1.82 0.00	70.38 1.31 0.00	59.80 1.91 0.00	51.74 2.04 0.00
RAVENSWOOD_GT3_4 24251	46.84 2.90 0.00	41.63 2.72 0.00	38.82 2.34 0.00	36.93 2.16 0.00	36.58 2.07 0.00	35.67 2.08 0.00	36.52 2.39 0.00	37.15 2.17 0.00	40.26 2.56 0.00	45.15 2.48 0.00	48.48 2.40 0.00	50.50 2.40 0.00	52.27 2.30 0.00	55.27 2.38 0.00	59.51 2.33 -0.37	61.55 1.96 -0.30	71.32 2.40 -0.46	79.89 3.07 -0.18	81.14 3.05 0.00	81.70 2.69 0.00	77.47 1.82 0.00	70.38 1.31 0.00	59.80 1.91 0.00	51.74 2.04 0.00
RAVENSWOOD_GT_1 23729	46.97 3.03 0.00	41.79 2.88 0.00	38.93 2.44 0.00	37.00 2.23 0.00	36.65 2.14 0.00	35.67 2.08 0.00	36.42 2.29 0.00	36.91 1.92 0.00	40.08 2.38 0.00	44.85 2.18 0.00	48.25 2.17 0.00	50.16 2.07 0.00	51.92 1.95 0.00	54.90 2.01 0.00	59.05 1.87 -0.37	60.51 1.48 0.27	61.12 1.92 9.26	61.76 2.45 17.34	61.11 2.42 19.41	60.42 2.05 20.65	60.41 1.21 16.45	62.25 0.83 7.64	59.40 1.51 0.00	51.64 1.94 0.00
RAVENSWOOD_GT_10 24258	46.75 2.81 0.00	41.56 2.65 0.00	38.79 2.30 0.00	36.86 2.09 0.00	36.55 2.04 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.08 2.10 0.00	40.23 2.53 0.00	45.07 2.39 0.00	48.43 2.35 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.16 2.27 0.00	59.39 2.22 -0.37	61.43 1.84 -0.30	71.18 2.26 -0.46	79.74 2.91 -0.18	80.99 2.89 0.00	81.54 2.53 0.00	77.32 1.66 0.00	70.24 1.17 0.00	59.74 1.85 0.00	51.64 1.94 0.00
RAVENSWOOD_GT_11 24259	46.75 2.81 0.00	41.56 2.65 0.00	38.79 2.30 0.00	36.86 2.09 0.00	36.55 2.04 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.08 2.10 0.00	40.23 2.53 0.00	45.07 2.39 0.00	48.43 2.35 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.16 2.27 0.00	59.39 2.22 -0.37	61.43 1.84 -0.30	71.18 2.26 -0.46	79.74 2.91 -0.18	80.99 2.89 0.00	81.54 2.53 0.00	77.32 1.66 0.00	70.24 1.17 0.00	59.74 1.85 0.00	51.64 1.94 0.00
RAVENSWOOD_GT_4 24252	46.75 2.81 0.00	41.56 2.65 0.00	38.79 2.30 0.00	36.86 2.09 0.00	36.55 2.04 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.08 2.10 0.00	40.23 2.53 0.00	45.07 2.39 0.00	48.38 2.30 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.16 2.27 0.00	59.39 2.22 -0.37	61.43 1.84 -0.30	71.18 2.26 -0.46	79.74 2.91 -0.18	80.99 2.89 0.00	81.54 2.53 0.00	77.24 1.59 0.00	70.24 1.17 0.00	59.69 1.79 0.00	51.64 1.94 0.00
RAVENSWOOD_GT_5 24254	46.75 2.81 0.00	41.56 2.65 0.00	38.79 2.30 0.00	36.86 2.09 0.00	36.55 2.04 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.08 2.10 0.00	40.23 2.53 0.00	45.07 2.39 0.00	48.38 2.30 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.16 2.27 0.00	59.39 2.22 -0.37	61.43 1.84 -0.30	71.18 2.26 -0.46	79.74 2.91 -0.18	80.99 2.89 0.00	81.54 2.53 0.00	77.24 1.59 0.00	70.24 1.17 0.00	59.69 1.79 0.00	51.64 1.94 0.00
RAVENSWOOD_GT_6 24253	46.75 2.81 0.00	41.56 2.65 0.00	38.79 2.30 0.00	36.86 2.09 0.00	36.55 2.04 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.08 2.10 0.00	40.23 2.53 0.00	45.07 2.39 0.00	48.38 2.30 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.16 2.27 0.00	59.39 2.22 -0.37	61.43 1.84 -0.30	71.18 2.26 -0.46	79.74 2.91 -0.18	80.99 2.89 0.00	81.54 2.53 0.00	77.24 1.59 0.00	70.24 1.17 0.00	59.69 1.79 0.00	51.64 1.94 0.00
RAVENSWOOD_GT_7 24255	46.75 2.81 0.00	41.56 2.65 0.00	38.79 2.30 0.00	36.86 2.09 0.00	36.55 2.04 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.08 2.10 0.00	40.23 2.53 0.00	45.07 2.39 0.00	48.38 2.30 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.16 2.27 0.00	59.39 2.22 -0.37	61.43 1.84 -0.30	71.18 2.26 -0.46	79.74 2.91 -0.18	80.99 2.89 0.00	81.54 2.53 0.00	77.24 1.59 0.00	70.24 1.17 0.00	59.69 1.79 0.00	51.64 1.94 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	46.75 2.81 0.00	41.56 2.65 0.00	38.79 2.30 0.00	36.86 2.09 0.00	36.55 2.04 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.08 2.10 0.00	40.23 2.53 0.00	45.07 2.39 0.00	48.43 2.35 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.16 2.27 0.00	59.39 2.22 -0.37	61.43 1.84 -0.30	71.18 2.26 -0.46	79.74 2.91 -0.18	80.99 2.89 0.00	81.54 2.53 0.00	77.32 1.66 0.00	70.24 1.17 0.00	59.74 1.85 0.00	51.64 1.94 0.00
RAVENSWOOD_GT_9 24257	46.75 2.81 0.00	41.56 2.65 0.00	38.79 2.30 0.00	36.86 2.09 0.00	36.55 2.04 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.08 2.10 0.00	40.23 2.53 0.00	45.07 2.39 0.00	48.43 2.35 0.00	50.40 2.31 0.00	52.17 2.20 0.00	55.16 2.27 0.00	59.39 2.22 -0.37	61.43 1.84 -0.30	71.18 2.26 -0.46	79.74 2.91 -0.18	80.99 2.89 0.00	81.54 2.53 0.00	77.32 1.66 0.00	70.24 1.17 0.00	59.74 1.85 0.00	51.64 1.94 0.00

RAVENSWOOD___1 23533	46.97 3.03 0.00	41.67 2.76 0.00	38.93 2.45 0.00	37.00 2.23 0.00	36.65 2.14 0.00	35.64 2.05 0.00	36.38 2.25 0.00	36.84 1.85 0.00	40.00 2.30 0.00	44.76 2.09 0.01	48.16 2.08 0.00	50.01 1.93 0.01	51.81 1.85 0.01	54.78 1.90 0.01	58.76 1.59 -0.36	60.34 1.42 0.38	60.69 1.78 9.55	60.78 2.38 18.25	60.78 2.34 19.66	60.34 1.98 20.65	60.34 1.14 16.45	60.59 0.69 9.16	59.33 1.45 0.01	51.59 1.89 0.00
RAVENSWOOD___2 23534	46.88 2.94 0.00	41.59 2.68 0.00	38.83 2.34 0.00	36.89 2.12 0.00	36.55 2.04 0.00	35.57 1.98 0.00	36.32 2.19 0.00	36.77 1.78 0.00	39.92 2.22 0.00	44.67 2.01 0.01	48.06 1.98 0.00	49.91 1.83 0.01	51.66 1.70 0.01	54.62 1.74 0.01	58.53 1.36 -0.36	59.92 1.01 0.38	60.20 1.30 9.56	60.29 1.92 18.27	60.23 1.80 19.67	59.79 1.42 20.65	59.81 0.60 16.45	60.14 0.28 9.20	59.15 1.27 0.01	51.49 1.79 0.00
RAVENSWOOD___3 23535	46.75 2.81 0.00	41.52 2.61 0.00	38.79 2.30 0.00	36.86 2.09 0.00	36.55 2.04 0.00	35.64 2.05 0.00	36.45 2.32 0.00	37.05 2.06 0.00	40.19 2.49 0.00	45.06 2.39 0.00	48.38 2.30 0.00	50.35 2.26 0.00	52.17 2.20 0.00	55.11 2.22 0.00	59.16 1.99 -0.37	61.44 1.84 -0.30	71.18 2.26 -0.46	79.73 2.91 -0.18	80.99 2.89 0.00	81.54 2.53 0.00	77.31 1.66 0.00	70.24 1.17 0.00	59.74 1.85 0.00	51.64 1.94 0.00
RAVENSWOOD___4 23820	46.97 3.03 0.00	41.67 2.76 0.00	38.90 2.41 0.00	36.96 2.19 0.00	36.62 2.11 0.00	35.64 2.05 0.00	36.35 2.22 0.00	36.80 1.82 0.00	39.96 2.26 0.00	44.72 2.05 0.01	48.10 2.03 0.00	49.96 1.87 0.01	51.76 1.80 0.01	54.68 1.80 0.01	58.64 1.47 -0.36	60.17 1.36 0.49	60.32 1.71 9.86	59.78 2.30 19.16	60.37 2.18 19.91	60.18 1.82 20.65	60.26 1.06 16.45	58.98 0.62 10.70	59.22 1.33 0.01	51.54 1.84 0.00
RCPL_TRUST___DRP 24196	46.79 2.86 0.00	41.60 2.68 0.00	38.79 2.30 0.00	36.86 2.09 0.00	36.55 2.04 0.00	35.64 2.05 0.00	36.49 2.36 0.00	37.12 2.13 0.00	40.26 2.56 0.00	45.11 2.43 0.00	48.48 2.40 0.00	50.45 2.36 0.00	52.27 2.30 0.00	55.27 2.38 0.00	59.51 2.33 -0.37	61.49 1.90 -0.30	71.25 2.33 -0.46	79.81 2.99 -0.18	81.07 2.97 0.00	81.62 2.61 0.00	77.39 1.74 0.00	70.31 1.24 0.00	59.80 1.91 0.00	51.69 1.99 0.00
RED___ROCHESTER 323720	44.20 0.27 0.00	40.19 1.28 0.00	37.73 1.24 0.00	35.36 0.59 0.00	35.00 0.48 0.00	33.96 0.37 0.00	34.37 0.24 0.00	35.89 0.91 0.00	38.83 1.13 0.00	43.57 0.90 0.00	47.14 1.06 0.00	49.44 1.34 0.00	51.92 1.95 0.00	55.37 2.49 0.00	60.39 3.58 0.00	63.04 3.74 0.00	72.43 3.97 0.00	82.17 5.52 0.00	83.88 5.78 0.00	85.26 6.24 0.00	80.19 4.54 0.00	73.00 3.93 0.00	60.38 2.49 0.00	52.13 2.43 0.00
REGAN___SOLAR 323812	47.72 3.78 0.00	42.34 3.42 0.00	39.66 3.17 0.00	37.76 2.99 0.00	37.52 3.00 0.00	36.48 2.89 0.00	36.76 2.63 0.00	37.96 2.97 0.00	40.72 3.02 0.00	45.32 2.65 0.00	48.80 2.72 0.00	51.41 3.32 0.00	53.32 3.35 0.00	56.43 3.54 0.00	59.71 3.12 0.22	62.20 3.08 0.18	71.82 3.63 0.27	81.22 4.68 0.10	84.58 6.48 0.00	86.36 7.35 0.00	82.46 6.81 0.00	75.28 6.22 0.00	63.16 5.27 0.00	53.88 4.18 0.00
RENSSELAER___COGEN 23796	44.11 0.18 0.00	39.26 0.35 0.00	36.93 0.44 0.00	35.29 0.52 0.00	35.03 0.52 0.00	34.09 0.50 0.00	34.61 0.48 0.00	35.30 0.31 0.00	37.89 0.19 0.00	42.33 -0.34 0.00	45.48 -0.60 0.00	47.57 -0.53 0.00	49.42 -0.55 0.00	52.15 -0.74 0.00	55.38 -1.14 0.29	57.76 -1.30 0.23	66.67 -1.44 0.36	75.13 -1.38 0.14	77.17 -0.93 0.00	77.99 -1.03 0.00	74.21 -1.44 0.00	67.68 -1.38 0.00	57.20 -0.69 0.00	49.05 -0.65 0.00
REPUBLIC_115KV_BARTNBK 55605	48.77 4.83 0.00	43.31 4.40 0.00	40.54 4.05 0.00	38.49 3.72 0.00	38.28 3.76 0.00	37.15 3.56 0.00	37.10 2.97 0.00	38.69 3.71 0.00	41.58 3.88 0.00	46.00 3.33 0.00	49.31 3.23 0.00	52.57 4.47 0.00	54.42 4.45 0.00	57.44 4.55 0.00	60.23 3.75 0.33	62.71 3.68 0.26	72.24 4.18 0.40	81.86 5.37 0.16	86.61 8.51 0.00	88.10 9.09 0.00	84.28 8.62 0.00	77.15 8.08 0.00	64.72 6.83 0.00	54.97 5.27 0.00
REVERE_CPPR_DRP 24186	45.61 1.67 0.00	40.51 1.60 0.00	38.02 1.53 0.00	36.13 1.36 0.00	35.96 1.45 0.00	35.00 1.41 0.00	35.46 1.33 0.00	36.42 1.43 0.00	39.17 1.47 0.00	44.25 1.58 0.00	47.92 1.84 0.00	49.92 1.83 0.00	51.92 1.95 0.00	55.00 2.12 0.00	59.14 2.33 0.00	61.85 2.55 0.00	71.34 2.88 0.00	80.40 3.76 0.00	82.78 4.69 0.00	84.15 5.14 0.00	80.57 4.92 0.00	73.28 4.21 0.00	60.96 3.07 0.00	52.23 2.53 0.00
REYNLDPA_13_KV_LD 356490	44.02 0.09 0.00	38.64 -0.27 0.00	36.16 -0.33 0.00	34.49 -0.28 0.00	34.24 -0.28 0.00	33.32 -0.27 0.00	33.86 -0.27 0.00	34.77 -0.21 0.00	37.62 -0.08 0.00	43.10 0.43 0.00	46.72 0.65 0.00	48.57 0.48 0.00	50.42 0.45 0.00	53.31 0.42 0.00	57.37 0.57 0.00	59.89 0.59 0.00	69.22 0.75 0.00	76.88 0.23 0.00	77.94 -0.16 0.00	78.94 -0.08 0.00	76.48 0.83 0.00	69.96 0.90 0.00	58.47 0.58 0.00	50.15 0.45 0.00
REYNOLDS_115KV_TB3 80639	44.55 0.62 0.00	39.69 0.78 0.00	37.29 0.80 0.00	35.64 0.87 0.00	35.38 0.86 0.00	34.43 0.84 0.00	34.92 0.79 0.00	35.65 0.66 0.00	38.23 0.53 0.00	42.72 0.04 0.00	45.94 -0.14 0.00	48.09 0.00 0.00	49.92 -0.05 0.00	52.73 -0.16 0.00	56.00 -0.45 0.35	58.30 -0.71 0.28	67.28 -0.75 0.43	75.79 -0.69 0.17	77.94 -0.16 0.00	78.70 -0.32 0.00	74.89 -0.76 0.00	68.31 -0.76 0.00	57.72 -0.17 0.00	49.50 -0.20 0.00
RIVERBAY____ 323610	47.94 4.00 -0.01	42.69 3.77 -0.01	39.78 3.28 -0.01	37.77 2.99 -0.01	37.42 2.90 -0.01	36.34 2.75 0.00	37.03 2.90 0.00	37.43 2.45 0.00	40.60 2.90 0.00	45.36 2.69 0.00	48.84 2.76 0.00	50.69 2.60 0.00	52.57 2.60 0.00	55.69 2.80 0.00	60.02 2.84 -0.37	62.14 2.55 -0.29	72.07 3.15 -0.45	80.72 3.91 -0.17	82.00 3.90 0.01	82.56 3.56 0.01	78.29 2.65 0.01	71.13 2.07 0.01	60.44 2.55 0.00	52.69 2.98 -0.01
RIVERSDE_115KV_TB3 55908	44.42 0.48 0.00	39.57 0.66 0.00	37.18 0.69 0.00	35.54 0.76 0.00	35.27 0.76 0.00	34.33 0.74 0.00	34.81 0.68 0.00	35.54 0.56 0.00	38.11 0.41 0.00	42.63 -0.04 0.00	45.80 -0.28 0.00	48.00 -0.10 0.00	49.82 -0.15 0.00	52.57 -0.32 0.00	55.86 -0.62 0.32	58.15 -0.89 0.26	67.18 -0.89 0.40	75.65 -0.84 0.15	77.79 -0.31 0.00	78.54 -0.47 0.00	74.74 -0.91 0.00	68.24 -0.83 0.00	57.60 -0.29 0.00	49.40 -0.30 0.00
ROARING___BROOK_WT_PWR 323790	43.41 -0.53 0.00	38.37 -0.54 0.00	36.05 -0.44 0.00	34.42 -0.35 0.00	34.20 -0.31 0.00	33.29 -0.30 0.00	33.82 -0.31 0.00	34.70 -0.28 0.00	37.44 -0.26 0.00	42.55 -0.13 0.00	45.99 -0.09 0.00	48.00 -0.10 0.00	49.87 -0.10 0.00	52.78 -0.11 0.00	56.64 -0.17 0.00	59.12 -0.18 0.00	68.33 -0.14 0.00	76.34 -0.31 0.00	77.79 -0.31 0.00	78.70 -0.31 0.00	75.42 -0.23 0.00	68.79 -0.28 0.00	57.55 -0.35 0.00	49.35 -0.35 0.00

ROCHESRG_115KV_T4 355643	43.63 -0.31 0.00	39.49 0.58 0.00	37.29 0.80 0.00	34.95 0.17 0.00	34.58 0.07 0.00	33.56 -0.03 0.00	34.03 -0.10 0.00	35.44 0.45 0.00	38.34 0.64 0.00	42.97 0.30 0.00	46.40 0.32 0.00	48.67 0.58 0.00	51.07 1.10 0.00	54.42 1.53 0.00	58.91 2.10 0.00	61.91 2.61 0.00	71.20 2.74 0.00	80.79 4.14 0.00	82.55 4.45 0.00	83.83 4.82 0.00	78.83 3.18 0.00	71.69 2.62 0.00	59.40 1.51 0.00	51.29 1.59 0.00
ROCHESTER_9_IC 23652	43.94 0.00 0.00	39.77 0.86 0.00	37.51 1.02 0.00	35.16 0.38 0.00	34.82 0.31 0.00	33.76 0.17 0.00	34.20 0.07 0.00	35.65 0.66 0.00	38.60 0.90 0.00	43.27 0.60 0.00	46.77 0.69 0.00	49.06 0.96 0.00	51.52 1.55 0.00	54.90 2.01 0.00	59.42 2.61 0.00	62.50 3.20 0.00	71.82 3.35 0.00	81.48 4.83 0.00	83.25 5.15 0.00	84.63 5.61 0.00	79.58 3.93 0.00	72.38 3.32 0.00	59.92 2.03 0.00	51.74 2.04 0.00
ROCKVIEW_13_KV_LD 356306	46.75 2.81 0.00	41.56 2.65 0.00	38.79 2.30 0.00	36.86 2.09 0.00	36.55 2.04 0.00	35.67 2.08 0.00	36.52 2.39 0.00	37.12 2.13 0.00	40.23 2.53 0.00	45.19 2.52 0.00	48.57 2.49 0.00	50.55 2.45 0.00	52.37 2.40 0.00	55.37 2.49 0.00	59.79 2.61 -0.37	61.91 2.31 -0.30	71.73 2.81 -0.46	80.43 3.60 -0.18	81.61 3.51 0.00	82.10 3.08 0.00	77.77 2.12 0.00	70.65 1.59 0.00	59.92 2.03 0.00	51.64 1.94 0.00
ROME____115KV_TB2 80656	45.61 1.67 0.00	40.51 1.60 0.00	38.02 1.53 0.00	36.13 1.36 0.00	35.96 1.45 0.00	35.00 1.41 0.00	35.46 1.33 0.00	36.42 1.43 0.00	39.17 1.47 0.00	44.25 1.58 0.00	47.92 1.84 0.00	49.92 1.83 0.00	51.92 1.95 0.00	55.00 2.12 0.00	59.14 2.33 0.00	61.85 2.55 0.00	71.34 2.88 0.00	80.40 3.76 0.00	82.78 4.69 0.00	84.15 5.14 0.00	80.57 4.92 0.00	73.28 4.21 0.00	60.96 3.07 0.00	52.23 2.53 0.00
ROSETON___1 23587	45.70 1.76 0.00	40.58 1.67 0.00	37.99 1.50 0.00	36.16 1.39 0.00	35.90 1.38 0.00	35.00 1.41 0.00	35.70 1.57 0.00	36.31 1.33 0.00	39.21 1.51 0.00	43.95 1.28 0.00	47.28 1.20 0.00	49.30 1.20 0.00	51.12 1.15 0.00	54.00 1.11 0.00	58.06 0.91 -0.34	60.34 0.77 -0.28	69.92 1.03 -0.43	78.26 1.45 -0.16	79.66 1.56 0.00	80.36 1.34 0.00	76.25 0.60 0.00	69.41 0.35 0.00	58.81 0.92 0.00	50.60 0.90 0.00
ROSETON___2 23588	45.70 1.76 0.00	40.58 1.67 0.00	37.99 1.50 0.00	36.16 1.39 0.00	35.90 1.38 0.00	35.00 1.41 0.00	35.70 1.57 0.00	36.31 1.33 0.00	39.21 1.51 0.00	43.95 1.28 0.00	47.28 1.20 0.00	49.30 1.20 0.00	51.12 1.15 0.00	54.00 1.11 0.00	58.06 0.91 -0.34	60.34 0.77 -0.28	69.92 1.03 -0.43	78.26 1.45 -0.16	79.66 1.56 0.00	80.36 1.34 0.00	76.25 0.60 0.00	69.41 0.35 0.00	58.81 0.92 0.00	50.60 0.90 0.00
ROTTTRDAM_115KV_TB3 80664	45.17 1.23 0.00	40.12 1.21 0.00	37.62 1.13 0.00	35.89 1.11 0.00	35.62 1.10 0.00	34.66 1.07 0.00	35.16 1.02 0.00	36.03 1.05 0.00	38.68 0.98 0.00	43.36 0.68 0.00	46.68 0.60 0.00	48.91 0.82 0.00	50.77 0.80 0.00	53.68 0.79 0.00	57.13 0.57 0.25	59.51 0.42 0.20	68.70 0.55 0.31	77.37 0.84 0.12	79.58 1.48 0.00	80.60 1.58 0.00	76.86 1.21 0.00	70.10 1.04 0.00	58.99 1.10 0.00	50.59 0.89 0.00
RUSSELL___1 23602	44.20 0.26 0.00	40.00 1.09 0.00	37.73 1.24 0.00	35.36 0.59 0.00	35.00 0.48 0.00	33.96 0.37 0.00	34.37 0.24 0.00	35.86 0.87 0.00	38.83 1.13 0.00	43.57 0.90 0.00	47.09 1.01 0.00	49.44 1.35 0.00	51.92 1.95 0.00	55.32 2.43 0.00	59.93 3.12 0.00	63.03 3.74 0.00	72.44 3.97 0.00	82.17 5.52 0.00	83.88 5.78 0.00	85.26 6.24 0.00	80.19 4.54 0.00	73.00 3.94 0.00	60.38 2.49 0.00	52.09 2.39 0.00
RUSSELL___2 23532	44.20 0.26 0.00	40.00 1.09 0.00	37.73 1.24 0.00	35.36 0.59 0.00	35.00 0.48 0.00	33.96 0.37 0.00	34.37 0.24 0.00	35.86 0.87 0.00	38.83 1.13 0.00	43.57 0.90 0.00	47.09 1.01 0.00	49.44 1.35 0.00	51.92 1.95 0.00	55.32 2.43 0.00	59.93 3.12 0.00	63.03 3.74 0.00	72.44 3.97 0.00	82.17 5.52 0.00	83.88 5.78 0.00	85.26 6.24 0.00	80.19 4.54 0.00	73.00 3.94 0.00	60.38 2.49 0.00	52.09 2.39 0.00
RUSSELL___3 23549	44.20 0.26 0.00	40.00 1.09 0.00	37.73 1.24 0.00	35.36 0.59 0.00	35.00 0.48 0.00	33.96 0.37 0.00	34.37 0.24 0.00	35.86 0.87 0.00	38.83 1.13 0.00	43.57 0.90 0.00	47.09 1.01 0.00	49.44 1.35 0.00	51.92 1.95 0.00	55.32 2.43 0.00	59.93 3.12 0.00	63.03 3.74 0.00	72.44 3.97 0.00	82.17 5.52 0.00	83.88 5.78 0.00	85.26 6.24 0.00	80.19 4.54 0.00	73.00 3.94 0.00	60.38 2.49 0.00	52.09 2.39 0.00
RUSSELL___4 23556	44.20 0.26 0.00	40.00 1.09 0.00	37.73 1.24 0.00	35.36 0.59 0.00	35.00 0.48 0.00	33.96 0.37 0.00	34.37 0.24 0.00	35.86 0.87 0.00	38.83 1.13 0.00	43.57 0.90 0.00	47.09 1.01 0.00	49.44 1.35 0.00	51.92 1.95 0.00	55.32 2.43 0.00	59.93 3.12 0.00	63.03 3.74 0.00	72.44 3.97 0.00	82.17 5.52 0.00	83.88 5.78 0.00	85.26 6.24 0.00	80.19 4.54 0.00	73.00 3.94 0.00	60.38 2.49 0.00	52.09 2.39 0.00
RUSSELL___STATION 23914	44.20 0.26 0.00	40.00 1.09 0.00	37.73 1.24 0.00	35.36 0.59 0.00	35.00 0.48 0.00	33.96 0.37 0.00	34.37 0.24 0.00	35.86 0.87 0.00	38.83 1.13 0.00	43.57 0.90 0.00	47.09 1.01 0.00	49.44 1.35 0.00	51.92 1.95 0.00	55.32 2.43 0.00	59.93 3.12 0.00	63.03 3.74 0.00	72.44 3.97 0.00	82.17 5.52 0.00	83.88 5.78 0.00	85.26 6.24 0.00	80.19 4.54 0.00	73.00 3.94 0.00	60.38 2.49 0.00	52.09 2.39 0.00
S SALMON___HYD 24043	44.20 0.27 0.00	39.38 0.47 0.00	36.93 0.44 0.00	35.05 0.28 0.00	34.86 0.35 0.00	33.93 0.34 0.00	34.37 0.24 0.00	35.33 0.35 0.00	38.00 0.30 0.00	42.85 0.17 0.00	46.36 0.28 0.00	48.38 0.29 0.00	50.27 0.30 0.00	53.26 0.37 0.00	57.21 0.40 0.00	59.72 0.42 0.00	68.81 0.34 0.00	77.64 0.99 0.00	79.74 1.64 0.00	81.07 2.05 0.00	77.61 1.96 0.00	70.79 1.73 0.00	58.93 1.04 0.00	50.64 0.94 0.00
S.PERRY__115KV_TB1 80734	45.43 1.49 0.00	41.17 2.26 0.00	38.82 2.34 0.00	36.30 1.53 0.00	35.93 1.42 0.00	34.87 1.28 0.00	35.26 1.13 0.00	36.56 1.57 0.00	39.17 1.47 0.00	43.66 0.98 0.00	46.91 0.83 0.00	49.06 0.96 0.00	49.82 -0.15 0.00	53.26 0.37 0.00	57.72 0.91 0.00	60.84 1.54 0.00	70.25 1.78 0.00	80.33 3.68 0.00	83.18 5.08 0.00	85.57 6.56 0.00	80.72 5.07 0.00	73.42 4.35 0.00	60.67 2.78 0.00	52.28 2.58 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.01 -0.92 0.00	39.38 0.47 0.00	37.37 0.88 0.00	34.70 -0.07 0.00	34.31 -0.21 0.00	33.25 -0.34 0.00	33.76 -0.38 0.00	35.51 0.52 0.00	38.45 0.75 0.00	42.68 0.00 0.00	46.13 0.05 0.00	48.48 0.38 0.00	51.22 1.25 0.00	54.63 1.75 0.00	59.48 2.67 0.00	62.74 3.44 0.00	71.96 3.49 0.00	82.01 5.37 0.00	83.80 5.70 0.00	85.18 6.16 0.00	79.28 3.63 0.00	71.97 2.90 0.00	59.28 1.39 0.00	51.74 2.04 0.00

SAWYER___23_KV_LOAD 55526	43.01 -0.92 0.00	39.38 0.47 0.00	37.37 0.88 0.00	34.70 -0.07 0.00	34.31 -0.21 0.00	33.25 -0.34 0.00	33.76 -0.38 0.00	35.51 0.52 0.00	38.45 0.75 0.00	42.68 0.00 0.00	46.13 0.05 0.00	48.48 0.38 0.00	51.22 1.25 0.00	54.63 1.75 0.00	59.48 2.67 0.00	62.74 3.44 0.00	71.96 3.49 0.00	82.01 5.37 0.00	83.80 5.70 0.00	85.18 6.16 0.00	79.28 3.63 0.00	71.97 2.90 0.00	59.28 1.39 0.00	51.74 2.04 0.00
SELKIRK___I 23801	43.67 -0.26 0.00	38.83 -0.08 0.00	36.49 0.00 0.00	34.91 0.14 0.00	34.65 0.14 0.00	33.72 0.13 0.00	34.13 0.00 0.00	34.91 -0.07 0.00	37.40 -0.30 0.00	41.82 -0.85 0.00	44.97 -1.11 0.00	47.04 -1.06 0.00	48.76 -1.15 0.07	50.45 -1.32 1.12	52.82 -1.76 2.23	54.48 -1.96 2.86	60.86 -2.19 5.41	66.78 -2.30 7.57	68.31 -1.79 8.00	68.98 -1.81 8.22	66.43 -2.04 7.18	67.19 -1.86 0.02	56.72 -1.16 0.02	48.40 -1.05 0.25
SELKIRK___II 23799	43.98 0.04 0.00	39.11 0.20 0.00	36.75 0.26 0.00	35.12 0.35 0.00	34.89 0.38 0.00	33.96 0.37 0.00	34.44 0.31 0.00	35.16 0.18 0.00	37.70 0.00 0.00	42.25 -0.43 0.00	45.43 -0.65 0.00	47.47 -0.63 0.00	49.08 -0.65 0.24	47.98 -0.85 4.06	47.98 -1.20 7.63	47.98 -1.30 10.01	47.98 -1.44 19.04	47.98 -1.46 27.21	47.98 -1.17 28.95	47.98 -1.27 29.77	47.98 -1.66 26.01	67.48 -1.52 0.06	56.96 -0.87 0.06	47.98 -0.80 0.92
SENECA OSWGO___HYD 24041	43.41 -0.53 0.00	38.72 -0.19 0.00	36.34 -0.15 0.00	34.49 -0.28 0.00	34.24 -0.28 0.00	33.29 -0.30 0.00	33.79 -0.34 0.00	34.74 -0.24 0.00	37.44 -0.26 0.00	42.21 -0.47 0.00	45.62 -0.46 0.00	47.66 -0.43 0.00	49.57 -0.40 0.00	52.57 -0.32 0.00	56.52 -0.28 0.00	58.94 -0.35 0.00	67.99 -0.48 0.00	76.49 -0.15 0.00	78.41 0.31 0.00	79.41 0.40 0.00	75.50 -0.15 0.00	68.79 -0.28 0.00	57.49 -0.40 0.00	49.45 -0.25 0.00
SENECA___115KV_TB3 355854	43.28 -0.66 0.00	39.61 0.70 0.00	37.55 1.06 0.00	34.91 0.14 0.00	34.44 -0.07 0.00	33.45 -0.13 0.00	34.00 -0.14 0.00	35.75 0.77 0.00	38.72 1.02 0.00	43.06 0.38 0.00	46.59 0.51 0.00	48.96 0.87 0.00	51.62 1.65 0.00	55.16 2.27 0.00	60.04 3.24 0.00	63.33 4.03 0.00	72.64 4.18 0.00	82.85 6.21 0.00	84.82 6.72 0.00	86.13 7.11 0.00	80.11 4.46 0.00	72.66 3.59 0.00	59.86 1.97 0.00	52.14 2.44 0.00
SENECA___ENERGY 23797	44.02 0.09 0.00	39.57 0.66 0.00	37.07 0.58 0.00	35.02 0.25 0.00	34.72 0.21 0.00	33.76 0.17 0.00	34.27 0.14 0.00	35.44 0.45 0.00	38.23 0.53 0.00	42.98 0.30 0.00	46.49 0.41 0.00	48.62 0.53 0.00	50.62 0.65 0.00	53.89 1.00 0.00	58.34 1.53 0.00	60.90 1.60 0.00	70.18 1.71 0.00	79.40 2.76 0.00	81.53 3.43 0.00	82.81 3.79 0.00	78.14 2.49 0.00	71.07 2.00 0.00	59.16 1.27 0.00	50.84 1.14 0.00
SHOEMAKER___GT 23640	45.61 1.67 0.00	40.51 1.60 0.00	37.95 1.46 0.00	36.13 1.35 0.00	35.86 1.34 0.00	34.93 1.34 0.00	35.57 1.43 0.00	36.21 1.22 0.00	39.06 1.36 0.00	43.83 1.15 0.00	47.14 1.06 0.00	49.15 1.06 0.00	51.02 1.05 0.00	53.94 1.06 0.00	57.97 0.85 -0.31	60.38 0.83 -0.25	69.94 1.09 -0.38	78.41 1.61 -0.15	79.90 1.80 0.00	80.75 1.74 0.00	76.63 0.98 0.00	69.83 0.76 0.00	58.99 1.10 0.00	50.69 0.99 0.00
SHOEMAKR_138KV_BK 111 55601	45.61 1.67 0.00	40.58 1.67 0.00	37.95 1.46 0.00	36.09 1.32 0.00	35.83 1.31 0.00	34.93 1.34 0.00	35.60 1.47 0.00	36.24 1.26 0.00	39.09 1.39 0.00	43.83 1.15 0.00	47.14 1.06 0.00	49.20 1.11 0.00	51.02 1.05 0.00	54.00 1.11 0.00	58.13 1.02 -0.30	60.37 0.83 -0.25	69.94 1.10 -0.38	78.40 1.61 -0.14	79.89 1.80 0.00	80.67 1.66 0.00	76.56 0.91 0.00	69.76 0.69 0.00	58.93 1.04 0.00	50.69 0.99 0.00
SHOREHAM_IC_1 23715	47.01 3.07 0.00	41.87 2.96 0.00	39.01 2.52 0.00	36.72 1.95 0.00	36.62 2.11 0.00	35.71 2.12 0.00	36.21 2.08 0.00	36.52 1.54 0.00	40.23 2.53 0.00	45.71 3.03 0.00	47.55 1.47 0.00	48.91 0.82 0.00	49.34 0.70 1.33	50.28 0.69 3.30	52.29 0.51 5.03	57.53 0.42 2.19	68.12 0.68 1.03	65.35 1.15 12.45	63.45 1.01 15.66	57.98 0.48 21.51	54.50 -0.30 20.85	52.76 -0.55 15.75	49.47 -0.06 8.36	48.42 0.05 1.33
SHOREHAM_IC_2 23716	47.01 3.08 0.00	41.95 3.04 0.00	39.01 2.52 0.00	36.72 1.95 0.00	36.62 2.11 0.00	35.71 2.12 0.00	36.21 2.08 0.00	36.77 1.78 0.00	40.26 2.56 0.00	45.71 3.03 0.00	47.74 1.66 0.00	49.15 1.06 0.00	49.34 0.70 1.33	50.28 0.69 3.30	52.52 0.74 5.03	57.53 0.42 2.19	68.12 0.68 1.03	65.27 1.07 12.45	63.45 1.02 15.66	57.98 0.47 21.51	54.49 -0.30 20.85	52.76 -0.55 15.75	49.42 -0.12 8.36	48.42 0.05 1.33
SISSONVILLE____ 23735	44.24 0.31 0.00	38.79 -0.12 0.00	36.31 -0.18 0.00	34.60 -0.17 0.00	34.41 -0.10 0.00	33.45 -0.13 0.00	33.96 -0.17 0.00	34.88 -0.10 0.00	37.70 0.00 0.00	43.23 0.55 0.00	47.05 0.97 0.00	48.82 0.72 0.00	50.62 0.65 0.00	53.52 0.63 0.00	57.55 0.74 0.00	60.13 0.83 0.00	69.36 0.89 0.00	77.26 0.61 0.00	78.72 0.62 0.00	80.04 1.03 0.00	77.77 2.12 0.00	71.28 2.21 0.00	59.45 1.56 0.00	50.74 1.04 0.00
SITHE_IND_GS1 24169	42.71 -1.23 0.00	38.09 -0.82 0.00	35.72 -0.77 0.00	33.97 -0.80 0.00	33.69 -0.83 0.00	32.78 -0.81 0.00	33.28 -0.85 0.00	34.21 -0.77 0.00	36.83 -0.87 0.00	41.52 -1.15 0.00	44.88 -1.20 0.00	46.84 -1.25 0.00	48.77 -1.20 0.00	51.72 -1.16 0.00	55.67 -1.14 0.00	58.05 -1.25 0.00	66.96 -1.51 0.00	75.27 -1.38 0.00	77.01 -1.09 0.00	77.99 -1.03 0.00	74.21 -1.44 0.00	67.61 -1.45 0.00	56.56 -1.33 0.00	48.61 -1.09 0.00
SITHE_IND_GS2 24170	42.71 -1.23 0.00	38.09 -0.82 0.00	35.72 -0.77 0.00	33.97 -0.80 0.00	33.69 -0.83 0.00	32.78 -0.81 0.00	33.28 -0.85 0.00	34.21 -0.77 0.00	36.83 -0.87 0.00	41.52 -1.15 0.00	44.88 -1.20 0.00	46.84 -1.25 0.00	48.77 -1.20 0.00	51.72 -1.16 0.00	55.67 -1.14 0.00	58.05 -1.25 0.00	66.96 -1.51 0.00	75.27 -1.38 0.00	77.01 -1.09 0.00	77.99 -1.03 0.00	74.21 -1.44 0.00	67.61 -1.45 0.00	56.56 -1.33 0.00	48.61 -1.09 0.00
SITHE_IND_GS3 24171	42.71 -1.23 0.00	38.09 -0.82 0.00	35.72 -0.77 0.00	33.97 -0.80 0.00	33.69 -0.83 0.00	32.78 -0.81 0.00	33.28 -0.85 0.00	34.21 -0.77 0.00	36.83 -0.87 0.00	41.52 -1.15 0.00	44.88 -1.20 0.00	46.84 -1.25 0.00	48.77 -1.20 0.00	51.72 -1.16 0.00	55.67 -1.14 0.00	58.05 -1.25 0.00	66.96 -1.51 0.00	75.27 -1.38 0.00	77.01 -1.09 0.00	77.99 -1.03 0.00	74.21 -1.44 0.00	67.61 -1.45 0.00	56.56 -1.33 0.00	48.61 -1.09 0.00
SITHE_IND_GS4 24172	42.71 -1.23 0.00	38.09 -0.82 0.00	35.72 -0.77 0.00	33.97 -0.80 0.00	33.69 -0.83 0.00	32.78 -0.81 0.00	33.28 -0.85 0.00	34.21 -0.77 0.00	36.83 -0.87 0.00	41.52 -1.15 0.00	44.88 -1.20 0.00	46.84 -1.25 0.00	48.77 -1.20 0.00	51.72 -1.16 0.00	55.67 -1.14 0.00	58.05 -1.25 0.00	66.96 -1.51 0.00	75.27 -1.38 0.00	77.01 -1.09 0.00	77.99 -1.03 0.00	74.21 -1.44 0.00	67.61 -1.45 0.00	56.56 -1.33 0.00	48.61 -1.09 0.00

SITHE___BATAVIA 24024	44.38 0.44 0.00	40.82 1.91 0.00	38.35 1.86 0.00	35.68 0.90 0.00	35.06 0.55 0.00	34.19 0.61 0.00	34.37 0.24 0.00	36.39 1.40 0.00	39.21 1.51 0.00	43.44 0.77 0.00	46.95 0.87 0.00	49.25 1.15 0.00	51.87 1.90 0.00	55.53 2.64 0.00	60.90 4.09 0.00	63.51 4.21 0.00	73.05 4.59 0.00	83.39 6.75 0.00	85.44 7.34 0.00	87.16 8.14 0.00	81.48 5.83 0.00	73.97 4.90 0.00	60.96 3.07 0.00	53.08 3.38 0.00
SITHE___INDEPEND 23800	42.71 -1.23 0.00	38.05 -0.86 0.00	35.72 -0.77 0.00	33.97 -0.80 0.00	33.69 -0.83 0.00	32.78 -0.81 0.00	33.28 -0.85 0.00	34.18 -0.80 0.00	36.83 -0.87 0.00	41.52 -1.15 0.00	44.84 -1.24 0.00	46.84 -1.25 0.00	48.77 -1.20 0.00	51.67 -1.22 0.00	55.56 -1.25 0.00	58.05 -1.25 0.00	66.96 -1.51 0.00	75.27 -1.38 0.00	77.01 -1.09 0.00	77.99 -1.03 0.00	74.21 -1.44 0.00	67.62 -1.45 0.00	56.56 -1.33 0.00	48.61 -1.09 0.00
SITHE___MASSENA 23902	44.20 0.27 0.00	38.76 -0.16 0.00	36.27 -0.22 0.00	34.60 -0.17 0.00	34.38 -0.14 0.00	33.42 -0.17 0.00	33.93 -0.20 0.00	34.88 -0.10 0.00	37.70 0.00 0.00	43.23 0.55 0.00	46.95 0.87 0.00	48.82 0.72 0.00	50.62 0.65 0.00	53.52 0.64 0.00	57.60 0.79 0.00	60.13 0.83 0.00	69.42 0.96 0.00	77.19 0.54 0.00	78.33 0.24 0.00	79.41 0.40 0.00	76.94 1.28 0.00	70.45 1.38 0.00	58.93 1.04 0.00	50.40 0.70 0.00
SITHE___OGDNSBRG 24021	44.95 1.01 0.00	39.38 0.47 0.00	36.85 0.36 0.00	35.09 0.31 0.00	34.96 0.45 0.00	33.99 0.40 0.00	34.44 0.31 0.00	35.30 0.31 0.00	38.08 0.38 0.00	43.57 0.90 0.00	47.32 1.24 0.00	49.10 1.01 0.00	50.87 0.90 0.00	53.79 0.90 0.00	57.83 1.02 0.00	60.48 1.19 0.00	69.90 1.44 0.00	77.95 1.30 0.00	79.58 1.48 0.00	81.23 2.21 0.00	79.21 3.56 0.00	72.52 3.45 0.00	60.44 2.55 0.00	51.54 1.84 0.00
SITHE___STERLING 23777	45.16 1.23 0.00	40.19 1.28 0.00	37.69 1.20 0.00	35.81 1.04 0.00	35.65 1.14 0.00	34.70 1.11 0.00	35.16 1.02 0.00	36.10 1.12 0.00	38.83 1.13 0.00	43.83 1.15 0.00	47.42 1.34 0.00	49.44 1.34 0.00	51.42 1.45 0.00	54.53 1.64 0.00	58.62 1.82 0.00	61.25 1.95 0.00	70.66 2.19 0.00	79.56 2.91 0.00	81.85 3.75 0.00	83.04 4.03 0.00	79.36 3.71 0.00	72.24 3.18 0.00	60.21 2.32 0.00	51.59 1.89 0.00
SLEIGHT__34_KV_TB1 80719	43.80 -0.13 0.00	39.42 0.51 0.00	37.11 0.62 0.00	34.91 0.14 0.00	34.62 0.10 0.00	33.59 0.00 0.00	34.06 -0.07 0.00	35.33 0.35 0.00	38.23 0.53 0.00	43.02 0.34 0.00	46.49 0.41 0.00	48.72 0.63 0.00	50.92 0.95 0.00	54.21 1.32 0.00	58.57 1.76 0.00	61.49 2.19 0.00	70.72 2.26 0.00	80.17 3.53 0.00	82.00 3.90 0.00	83.36 4.35 0.00	78.60 2.95 0.00	71.41 2.35 0.00	59.34 1.45 0.00	51.04 1.34 0.00
SMITHTWN_69_KV_BK 1 55830	47.58 3.65 0.00	42.41 3.50 0.00	39.45 2.96 0.00	37.14 2.36 0.00	36.96 2.45 0.00	36.07 2.49 0.00	36.66 2.53 0.00	37.19 2.20 0.00	40.72 3.02 0.00	46.17 3.50 0.00	48.25 2.17 0.00	49.68 1.59 0.00	49.95 1.30 1.32	50.98 1.38 3.28	53.10 1.42 5.13	57.68 1.07 2.69	67.53 1.44 2.38	65.31 1.61 12.95	64.21 1.72 15.61	59.03 1.42 21.40	55.51 0.61 20.75	53.55 0.28 15.79	50.21 0.64 8.32	49.07 0.70 1.32
SOUTH CAIRO___GT 23612	45.52 1.58 0.00	40.58 1.67 0.00	38.13 1.64 0.00	36.30 1.53 0.00	36.10 1.59 0.00	35.03 1.44 0.00	35.22 1.09 0.00	35.89 0.91 0.00	38.34 0.64 0.00	42.63 -0.04 0.00	45.76 -0.32 0.00	47.85 -0.24 0.00	50.09 0.20 0.08	51.62 0.16 1.43	53.90 -0.17 2.73	55.56 -0.18 3.56	61.92 0.21 6.76	67.83 0.77 9.59	69.87 1.95 10.18	71.24 2.69 10.46	68.70 2.19 9.14	71.05 2.00 0.02	59.66 1.79 0.02	50.77 1.39 0.32
SOUTH HAMPTN___IC 23720	47.89 3.96 0.00	42.68 3.77 0.00	39.77 3.29 0.00	37.41 2.64 0.00	37.31 2.79 0.00	36.41 2.82 0.00	36.90 2.76 0.00	37.26 2.27 0.00	41.13 3.43 0.00	46.77 4.10 0.00	48.80 2.72 0.00	50.26 2.17 0.00	50.74 2.10 1.33	51.70 2.12 3.30	53.89 2.10 5.02	59.29 2.13 2.14	70.24 2.67 0.89	67.60 3.37 12.41	65.62 3.20 15.68	59.93 2.45 21.54	56.13 1.36 20.88	54.27 0.97 15.76	50.56 1.04 8.37	49.41 1.05 1.33
SOUTHDOWN_115KV_TB1 355954	43.94 0.00 0.00	40.19 1.28 0.00	38.20 1.72 0.00	35.50 0.73 0.00	35.10 0.59 0.00	34.09 0.50 0.00	34.71 0.58 0.00	36.52 1.54 0.00	39.58 1.88 0.00	44.17 1.49 0.00	47.83 1.75 0.00	50.31 2.21 0.00	52.97 3.00 0.00	56.59 3.70 0.00	61.52 4.71 0.00	65.11 5.81 0.00	75.04 6.57 0.00	85.77 9.12 0.00	87.86 9.76 0.00	89.29 10.27 0.00	82.76 7.11 0.00	74.94 5.87 0.00	61.65 3.76 0.00	53.38 3.68 0.00
SOUTHOLD_69_KV_BK 2 55809	48.81 4.88 0.00	43.58 4.67 0.00	40.58 4.09 0.00	38.22 3.44 0.00	38.10 3.59 0.00	37.15 3.56 0.00	37.65 3.52 0.00	38.24 3.25 0.00	42.07 4.37 0.00	47.92 5.25 0.00	50.32 4.24 0.00	51.94 3.85 0.00	52.14 3.50 1.33	53.29 3.70 3.30	55.76 3.98 5.02	61.19 4.03 2.14	72.43 4.86 0.90	70.06 5.83 12.41	67.81 5.39 15.68	61.82 4.35 21.54	57.72 2.95 20.88	55.72 2.42 15.76	51.60 2.08 8.37	50.51 2.14 1.33
SOUTHOLD___IC 23719	48.81 4.88 0.00	43.54 4.63 0.00	40.58 4.09 0.00	38.22 3.44 0.00	38.10 3.59 0.00	37.15 3.56 0.00	37.65 3.52 0.00	37.99 3.01 0.00	42.03 4.33 0.00	47.92 5.25 0.00	50.14 4.06 0.00	51.65 3.56 0.00	52.14 3.50 1.33	53.23 3.65 3.30	55.59 3.81 5.02	61.19 4.03 2.14	72.43 4.86 0.90	70.05 5.82 12.41	67.80 5.38 15.68	61.82 4.34 21.54	57.64 2.87 20.88	55.72 2.42 15.76	51.66 2.14 8.37	50.46 2.09 1.33
SOUTH_FORK_WT_PWR 323839	48.86 4.92 0.00	43.62 4.71 0.00	40.68 4.19 0.00	38.32 3.55 0.00	38.21 3.69 0.00	37.25 3.66 0.00	37.72 3.58 0.00	38.10 3.11 0.00	42.15 4.45 0.00	48.05 5.38 0.00	50.32 4.24 0.00	51.85 3.75 0.00	52.34 3.70 1.33	53.34 3.76 3.30	55.70 3.92 5.02	61.25 4.09 2.14	72.50 4.93 0.90	70.21 5.98 12.41	67.80 5.38 15.68	61.58 4.11 21.54	57.41 2.65 20.88	55.51 2.21 15.76	51.49 1.97 8.37	50.46 2.09 1.33
SPIERFLS_115KV_TB 1 80737	46.09 2.15 0.00	40.97 2.06 0.00	38.39 1.90 0.00	36.55 1.77 0.00	36.31 1.79 0.00	35.30 1.71 0.00	35.57 1.43 0.00	36.70 1.71 0.00	39.47 1.77 0.00	43.87 1.19 0.00	46.91 0.83 0.00	49.58 1.49 0.00	51.32 1.35 0.00	54.16 1.27 0.00	57.17 0.68 0.32	59.57 0.53 0.26	68.69 0.62 0.39	77.57 1.07 0.15	81.30 3.20 0.00	82.41 3.40 0.00	78.75 3.10 0.00	72.04 2.97 0.00	60.55 2.66 0.00	51.64 1.94 0.00
ST LAWRENCE____ 23600	43.67 -0.26 0.00	38.33 -0.58 0.00	35.90 -0.59 0.00	34.25 -0.52 0.00	34.00 -0.52 0.00	33.09 -0.50 0.00	33.62 -0.51 0.00	34.49 -0.49 0.00	37.32 -0.38 0.00	42.72 0.04 0.00	46.26 0.19 0.00	48.14 0.05 0.00	49.97 0.00 0.00	52.83 -0.05 0.00	56.81 0.00 0.00	59.42 0.12 0.00	68.60 0.14 0.00	76.27 -0.38 0.00	77.24 -0.86 0.00	78.22 -0.79 0.00	75.73 0.08 0.00	69.34 0.28 0.00	57.95 0.06 0.00	49.65 -0.05 0.00

STATE_CA_115KV_115_LB 55624	44.51 0.57 0.00	39.61 0.70 0.00	37.22 0.73 0.00	35.57 0.80 0.00	35.31 0.79 0.00	34.36 0.77 0.00	34.81 0.68 0.00	35.58 0.59 0.00	38.19 0.49 0.00	42.68 0.00 0.00	45.90 -0.18 0.00	48.09 0.00 0.00	49.92 -0.05 0.00	52.78 -0.11 0.00	56.05 -0.45 0.30	58.35 -0.71 0.24	67.34 -0.75 0.37	75.81 -0.69 0.14	78.02 -0.08 0.00	78.78 -0.24 0.00	74.97 -0.68 0.00	68.51 -0.55 0.00	57.83 -0.06 0.00	49.55 -0.15 0.00
STATE_ST_34_KV_LOAD 55959	44.24 0.31 0.00	39.49 0.58 0.00	37.07 0.58 0.00	35.12 0.35 0.00	34.82 0.31 0.00	33.86 0.27 0.00	34.37 0.24 0.00	35.44 0.45 0.00	38.23 0.53 0.00	43.06 0.38 0.00	46.54 0.46 0.00	48.62 0.53 0.00	50.62 0.65 0.00	53.84 0.95 0.00	58.00 1.19 0.00	60.66 1.36 0.00	69.97 1.51 0.00	79.10 2.45 0.00	81.14 3.05 0.00	82.33 3.32 0.00	78.00 2.35 0.00	71.00 1.93 0.00	59.16 1.27 0.00	50.79 1.09 0.00
STATION_5_MISC_HYD 23604	43.94 0.00 0.00	39.96 1.05 0.00	37.51 1.02 0.00	35.16 0.38 0.00	34.82 0.31 0.00	33.76 0.17 0.00	34.20 0.07 0.00	35.68 0.70 0.00	38.60 0.90 0.00	43.27 0.60 0.00	46.77 0.69 0.00	49.06 0.96 0.00	51.52 1.55 0.00	54.95 2.06 0.00	59.87 3.07 0.00	62.50 3.20 0.00	71.82 3.35 0.00	81.48 4.83 0.00	83.25 5.15 0.00	84.63 5.61 0.00	79.58 3.93 0.00	72.38 3.32 0.00	59.86 1.97 0.00	51.74 2.04 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	43.98 0.04 0.00	39.61 0.70 0.00	37.29 0.80 0.00	35.09 0.31 0.00	34.76 0.24 0.00	33.76 0.17 0.00	34.23 0.10 0.00	35.54 0.56 0.00	38.45 0.75 0.00	43.19 0.51 0.00	46.68 0.60 0.00	48.91 0.82 0.00	51.12 1.15 0.00	54.42 1.53 0.00	58.79 1.99 0.00	61.73 2.43 0.00	71.07 2.60 0.00	80.56 3.91 0.00	82.55 4.45 0.00	83.83 4.82 0.00	78.98 3.33 0.00	71.76 2.69 0.00	59.57 1.68 0.00	51.29 1.59 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	43.72 -0.22 0.00	39.49 0.58 0.00	37.26 0.77 0.00	34.95 0.17 0.00	34.62 0.10 0.00	33.59 0.00 0.00	34.03 -0.10 0.00	35.44 0.45 0.00	38.38 0.68 0.00	43.06 0.38 0.00	46.54 0.46 0.00	48.82 0.72 0.00	51.22 1.25 0.00	54.53 1.64 0.00	59.02 2.22 0.00	62.08 2.79 0.00	71.34 2.88 0.00	80.94 4.29 0.00	82.71 4.61 0.00	83.99 4.98 0.00	79.06 3.40 0.00	71.90 2.83 0.00	59.51 1.62 0.00	51.34 1.64 0.00
STA_56___34_KV_BUS2 355983	43.72 -0.22 0.00	39.49 0.58 0.00	37.26 0.77 0.00	34.95 0.17 0.00	34.62 0.10 0.00	33.59 0.00 0.00	34.03 -0.10 0.00	35.44 0.45 0.00	38.38 0.68 0.00	43.06 0.38 0.00	46.54 0.46 0.00	48.82 0.72 0.00	51.22 1.25 0.00	54.53 1.64 0.00	59.02 2.22 0.00	62.08 2.79 0.00	71.34 2.88 0.00	80.94 4.29 0.00	82.71 4.61 0.00	83.99 4.98 0.00	79.06 3.40 0.00	71.90 2.83 0.00	59.51 1.62 0.00	51.34 1.64 0.00
STA_67___115KV_BK2 355882	43.80 -0.13 0.00	39.65 0.74 0.00	37.44 0.95 0.00	35.09 0.31 0.00	34.72 0.21 0.00	33.69 0.10 0.00	34.13 0.00 0.00	35.58 0.59 0.00	38.49 0.79 0.00	43.14 0.47 0.00	46.63 0.55 0.00	48.91 0.82 0.00	51.32 1.35 0.00	54.69 1.80 0.00	59.19 2.39 0.00	62.26 2.96 0.00	71.55 3.08 0.00	81.17 4.52 0.00	82.94 4.84 0.00	84.31 5.29 0.00	79.28 3.63 0.00	72.10 3.04 0.00	59.69 1.79 0.00	51.54 1.84 0.00
STA_7___115KV_9TRANS 80674	44.20 0.26 0.00	40.00 1.09 0.00	37.73 1.24 0.00	35.36 0.59 0.00	35.00 0.48 0.00	33.96 0.37 0.00	34.37 0.24 0.00	35.86 0.87 0.00	38.83 1.13 0.00	43.57 0.90 0.00	47.09 1.01 0.00	49.44 1.35 0.00	51.92 1.95 0.00	55.32 2.43 0.00	59.93 3.12 0.00	63.03 3.74 0.00	72.44 3.97 0.00	82.17 5.52 0.00	83.88 5.78 0.00	85.26 6.24 0.00	80.19 4.54 0.00	73.00 3.94 0.00	60.38 2.49 0.00	52.09 2.39 0.00
STA_82___115KV_TB1 80780	43.85 -0.09 0.00	39.65 0.74 0.00	37.44 0.95 0.00	35.09 0.31 0.00	34.72 0.21 0.00	33.69 0.10 0.00	34.13 0.00 0.00	35.58 0.59 0.00	38.49 0.79 0.00	43.14 0.47 0.00	46.63 0.55 0.00	48.91 0.82 0.00	51.32 1.35 0.00	54.69 1.80 0.00	59.19 2.39 0.00	62.26 2.96 0.00	71.55 3.08 0.00	81.25 4.60 0.00	83.02 4.92 0.00	84.31 5.29 0.00	79.28 3.63 0.00	72.10 3.04 0.00	59.69 1.79 0.00	51.54 1.84 0.00
STEEL___WIND 323596	43.23 -0.70 0.00	39.88 0.97 0.00	37.51 1.02 0.00	34.84 0.07 0.00	34.41 -0.10 0.00	33.42 -0.17 0.00	33.89 -0.24 0.00	35.79 0.81 0.00	38.72 1.02 0.00	42.98 0.30 0.00	46.54 0.46 0.00	48.86 0.77 0.00	51.57 1.60 0.00	55.16 2.27 0.00	60.61 3.81 0.00	63.21 3.91 0.00	72.57 4.11 0.00	82.70 6.05 0.00	84.66 6.56 0.00	85.97 6.95 0.00	80.04 4.39 0.00	72.59 3.52 0.00	59.74 1.85 0.00	52.13 2.43 0.00
STEPHTWN_115KV_BK_2 55603	44.64 0.70 0.00	39.77 0.86 0.00	37.33 0.84 0.00	35.64 0.87 0.00	35.38 0.86 0.00	34.43 0.84 0.00	34.88 0.75 0.00	35.68 0.70 0.00	38.30 0.60 0.00	42.76 0.09 0.00	45.99 -0.09 0.00	48.24 0.14 0.00	50.12 0.15 0.00	52.94 0.05 0.00	56.18 -0.34 0.29	58.53 -0.53 0.23	67.56 -0.55 0.36	76.13 -0.38 0.14	78.41 0.31 0.00	79.17 0.16 0.00	75.35 -0.30 0.00	68.79 -0.28 0.00	58.01 0.12 0.00	49.70 0.00 0.00
STEUBEN_REC_LFGE 323667	44.42 0.48 0.00	40.23 1.32 0.00	37.99 1.50 0.00	35.47 0.70 0.00	35.07 0.55 0.00	34.13 0.54 0.00	34.68 0.55 0.00	36.17 1.19 0.00	39.06 1.36 0.00	43.61 0.94 0.00	47.05 0.97 0.00	49.25 1.15 0.00	51.42 1.45 0.00	54.95 2.06 0.00	59.70 2.90 0.00	62.86 3.56 0.00	72.37 3.90 0.00	82.63 5.98 0.00	85.28 7.19 0.00	87.07 8.06 0.00	81.63 5.98 0.00	74.04 4.97 0.00	61.19 3.30 0.00	52.78 3.08 0.00
STILLWATER___SOLAR 323814	46.05 2.11 0.00	40.89 1.98 0.00	38.35 1.86 0.00	36.55 1.77 0.00	36.31 1.79 0.00	35.30 1.71 0.00	35.67 1.54 0.00	36.66 1.68 0.00	39.36 1.66 0.00	43.91 1.24 0.00	47.18 1.10 0.00	49.63 1.54 0.00	51.47 1.50 0.00	54.37 1.48 0.00	57.48 1.02 0.35	59.96 0.95 0.28	69.19 1.16 0.44	78.16 1.68 0.17	80.99 2.89 0.00	82.02 3.00 0.00	78.22 2.57 0.00	71.42 2.35 0.00	60.15 2.26 0.00	51.44 1.74 0.00
STONY___BROOK 24151	47.49 3.56 0.00	42.34 3.42 0.00	39.44 2.95 0.00	37.14 2.37 0.00	36.96 2.45 0.00	36.07 2.49 0.00	36.62 2.49 0.00	36.98 1.99 0.00	40.68 2.98 0.00	46.13 3.46 0.00	48.01 1.93 0.00	49.39 1.30 0.00	49.90 1.25 1.33	50.87 1.27 3.29	52.82 1.08 5.07	57.79 0.89 2.40	68.01 1.16 1.62	65.21 1.22 12.66	63.88 1.41 15.62	58.68 1.11 21.44	55.24 0.38 20.79	53.45 0.14 15.75	50.14 0.58 8.33	49.02 0.64 1.32
STURGEON_POOL_HYD 23609	46.05 2.11 0.00	40.90 1.98 0.00	38.24 1.75 0.00	36.41 1.63 0.00	36.14 1.62 0.00	35.20 1.61 0.00	35.87 1.74 0.00	36.38 1.40 0.00	39.25 1.55 0.00	44.08 1.41 0.00	47.42 1.34 0.00	49.39 1.30 0.00	51.45 1.50 0.02	54.11 1.53 0.31	57.90 1.48 0.39	59.99 1.30 0.61	68.95 1.71 1.22	76.94 2.30 2.01	78.28 2.42 2.24	79.08 2.37 2.30	75.15 1.51 2.01	70.23 1.17 0.00	59.39 1.51 0.00	51.07 1.44 0.07

ST_LAW_115_BK7_LBMP 345037	43.67 -0.26 0.00	38.29 -0.62 0.00	35.87 -0.62 0.00	34.21 -0.56 0.00	33.96 -0.55 0.00	33.05 -0.54 0.00	33.58 -0.55 0.00	34.46 -0.52 0.00	37.29 -0.41 0.00	42.72 0.04 0.00	46.31 0.23 0.00	48.19 0.10 0.00	49.97 0.00 0.00	52.83 -0.05 0.00	56.86 0.06 0.00	59.42 0.12 0.00	68.60 0.14 0.00	76.27 -0.38 0.00	77.24 -0.86 0.00	78.22 -0.79 0.00	75.80 0.15 0.00	69.34 0.28 0.00	58.01 0.12 0.00	49.70 0.00 0.00
ST_LAW_115_BK8_LBMP 345038	43.67 -0.26 0.00	38.29 -0.62 0.00	35.87 -0.62 0.00	34.21 -0.56 0.00	33.96 -0.55 0.00	33.05 -0.54 0.00	33.58 -0.55 0.00	34.46 -0.52 0.00	37.29 -0.41 0.00	42.72 0.04 0.00	46.31 0.23 0.00	48.19 0.10 0.00	49.97 0.00 0.00	52.83 -0.05 0.00	56.86 0.06 0.00	59.42 0.12 0.00	68.60 0.14 0.00	76.27 -0.38 0.00	77.24 -0.86 0.00	78.22 -0.79 0.00	75.80 0.15 0.00	69.34 0.28 0.00	58.01 0.12 0.00	49.70 0.00 0.00
ST_LAW_230_BK5_LBMP 345035	43.67 -0.26 0.00	38.33 -0.58 0.00	35.90 -0.59 0.00	34.25 -0.52 0.00	34.00 -0.52 0.00	33.09 -0.50 0.00	33.62 -0.51 0.00	34.49 -0.49 0.00	37.32 -0.38 0.00	42.72 0.04 0.00	46.26 0.19 0.00	48.14 0.05 0.00	49.97 0.00 0.00	52.83 -0.05 0.00	56.81 0.00 0.00	59.42 0.12 0.00	68.60 0.14 0.00	76.27 -0.38 0.00	77.24 -0.86 0.00	78.22 -0.79 0.00	75.73 0.08 0.00	69.34 0.28 0.00	57.95 0.06 0.00	49.65 -0.05 0.00
ST_LAW_230_BK6_LBMP 345036	43.67 -0.26 0.00	38.33 -0.58 0.00	35.90 -0.59 0.00	34.25 -0.52 0.00	34.00 -0.52 0.00	33.09 -0.50 0.00	33.62 -0.51 0.00	34.49 -0.49 0.00	37.32 -0.38 0.00	42.72 0.04 0.00	46.26 0.19 0.00	48.14 0.05 0.00	49.97 0.00 0.00	52.83 -0.05 0.00	56.81 0.00 0.00	59.42 0.12 0.00	68.60 0.14 0.00	76.27 -0.38 0.00	77.24 -0.86 0.00	78.22 -0.79 0.00	75.73 0.08 0.00	69.34 0.28 0.00	57.95 0.06 0.00	49.65 -0.05 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.87 1.93 0.00	40.78 1.87 0.00	38.09 1.61 0.00	36.27 1.50 0.00	36.00 1.48 0.00	35.07 1.48 0.00	35.77 1.64 0.00	36.38 1.40 0.00	39.32 1.62 0.00	44.08 1.41 0.00	47.42 1.34 0.00	49.49 1.39 0.00	51.32 1.35 0.00	54.26 1.38 0.00	58.43 1.31 -0.32	60.68 1.13 -0.26	70.30 1.44 -0.40	78.72 1.92 -0.15	80.21 2.11 0.00	80.91 1.90 0.00	76.71 1.06 0.00	69.83 0.76 0.00	59.11 1.22 0.00	50.84 1.14 0.00
SWANROAD_115KV_TB1 355699	42.79 -1.14 0.00	39.30 0.39 0.00	37.29 0.80 0.00	34.60 -0.17 0.00	33.65 -0.86 0.00	33.15 -0.44 0.00	33.65 -0.48 0.00	35.40 0.42 0.00	37.74 0.04 0.00	41.86 -0.81 0.00	45.25 -0.83 0.00	47.52 -0.58 0.00	50.17 0.20 0.00	53.58 0.69 0.00	58.34 1.53 0.00	61.49 2.19 0.00	70.45 1.99 0.00	80.33 3.68 0.00	82.08 3.98 0.00	83.44 4.42 0.00	77.69 2.04 0.00	70.52 1.45 0.00	58.12 0.23 0.00	51.24 1.54 0.00
SYNERGY___BIOGAS 323694	44.38 0.44 0.00	40.51 1.60 0.00	38.35 1.86 0.00	35.68 0.90 0.00	35.07 0.55 0.00	34.19 0.60 0.00	34.61 0.48 0.00	36.31 1.33 0.00	39.06 1.36 0.00	43.44 0.77 0.00	46.91 0.83 0.00	49.25 1.15 0.00	51.87 1.90 0.00	55.43 2.54 0.00	60.27 3.47 0.00	63.51 4.21 0.00	73.05 4.59 0.00	83.39 6.74 0.00	85.44 7.34 0.00	87.15 8.14 0.00	81.48 5.83 0.00	73.97 4.90 0.00	61.02 3.13 0.00	53.03 3.33 0.00
SYRACUSE___ENERGY_ST1 323597	43.63 -0.31 0.00	38.91 0.00 0.00	36.53 0.04 0.00	34.70 -0.07 0.00	34.41 -0.10 0.00	33.45 -0.13 0.00	34.00 -0.14 0.00	34.95 -0.03 0.00	37.70 0.00 0.00	42.50 -0.17 0.00	45.94 -0.14 0.00	48.00 -0.10 0.00	49.92 -0.05 0.00	52.99 0.11 0.00	56.98 0.17 0.00	59.53 0.24 0.00	68.60 0.14 0.00	77.34 0.69 0.00	79.19 1.09 0.00	80.20 1.19 0.00	76.18 0.53 0.00	69.34 0.28 0.00	58.01 0.12 0.00	49.80 0.10 0.00
SYRACUSE___ENERGY_ST2 323598	43.63 -0.31 0.00	38.91 0.00 0.00	36.53 0.04 0.00	34.70 -0.07 0.00	34.41 -0.10 0.00	33.45 -0.13 0.00	34.00 -0.14 0.00	34.95 -0.03 0.00	37.70 0.00 0.00	42.50 -0.17 0.00	45.94 -0.14 0.00	48.00 -0.10 0.00	49.92 -0.05 0.00	52.99 0.11 0.00	56.98 0.17 0.00	59.53 0.24 0.00	68.60 0.14 0.00	77.34 0.69 0.00	79.19 1.09 0.00	80.20 1.19 0.00	76.18 0.53 0.00	69.34 0.28 0.00	58.01 0.12 0.00	49.80 0.10 0.00
SYRACUSE___POWER 24017	43.72 -0.22 0.00	38.95 0.04 0.00	36.60 0.11 0.00	34.77 0.00 0.00	34.51 0.00 0.00	33.56 -0.03 0.00	34.06 -0.07 0.00	35.05 0.07 0.00	37.74 0.04 0.00	42.55 -0.13 0.00	45.94 -0.14 0.00	48.05 -0.05 0.00	49.97 0.00 0.00	53.05 0.16 0.00	57.03 0.23 0.00	59.59 0.30 0.00	68.74 0.27 0.00	77.49 0.84 0.00	79.35 1.25 0.00	80.36 1.34 0.00	76.33 0.68 0.00	69.48 0.41 0.00	58.06 0.17 0.00	49.85 0.15 0.00
TALLMAN__138KV_BK151 55660	46.18 2.24 0.00	41.05 2.14 0.00	38.35 1.86 0.00	36.44 1.67 0.00	36.17 1.66 0.00	35.27 1.68 0.00	36.04 1.91 0.00	36.63 1.64 0.00	39.62 1.92 0.00	44.42 1.75 0.00	47.78 1.70 0.00	49.83 1.73 0.00	51.67 1.70 0.00	54.63 1.75 0.00	58.85 1.70 -0.34	61.05 1.48 -0.27	70.74 1.85 -0.42	79.18 2.38 -0.16	80.60 2.50 0.00	81.23 2.21 0.00	76.94 1.29 0.00	69.96 0.90 0.00	59.28 1.39 0.00	51.04 1.34 0.00
TEALLAVE_115KV_TB7 355573	43.59 -0.35 0.00	38.87 -0.04 0.00	36.53 0.04 0.00	34.70 -0.07 0.00	34.44 -0.07 0.00	33.49 -0.10 0.00	34.00 -0.14 0.00	34.98 0.00 0.00	37.66 -0.04 0.00	42.42 -0.26 0.00	45.80 -0.28 0.00	47.90 -0.19 0.00	49.87 -0.10 0.00	52.89 0.00 0.00	56.92 0.11 0.00	59.48 0.18 0.00	68.53 0.07 0.00	77.18 0.54 0.00	79.04 0.94 0.00	80.04 1.03 0.00	76.03 0.38 0.00	69.27 0.21 0.00	57.89 0.00 0.00	49.70 0.00 0.00
TELGRAPH_34_KV_EAST 80808	43.50 -0.44 0.00	39.81 0.89 0.00	37.77 1.28 0.00	35.09 0.31 0.00	34.38 -0.14 0.00	33.59 0.00 0.00	34.06 -0.07 0.00	35.82 0.84 0.00	38.45 0.75 0.00	42.72 0.04 0.00	46.17 0.09 0.00	48.53 0.43 0.00	51.12 1.15 0.00	54.58 1.69 0.00	59.42 2.61 0.00	62.62 3.32 0.00	71.82 3.35 0.00	81.86 5.21 0.00	83.80 5.70 0.00	85.26 6.24 0.00	79.51 3.86 0.00	72.17 3.11 0.00	59.51 1.62 0.00	52.09 2.39 0.00
TEMPLE___115KV_TB 2 55572	43.59 -0.35 0.00	38.87 -0.04 0.00	36.56 0.07 0.00	34.74 -0.03 0.00	34.44 -0.07 0.00	33.52 -0.07 0.00	34.03 -0.10 0.00	35.02 0.03 0.00	37.70 0.00 0.00	42.46 -0.21 0.00	45.85 -0.23 0.00	47.95 -0.14 0.00	49.92 -0.05 0.00	52.94 0.05 0.00	56.98 0.17 0.00	59.48 0.18 0.00	68.60 0.14 0.00	77.26 0.61 0.00	79.11 1.02 0.00	80.12 1.11 0.00	76.10 0.45 0.00	69.27 0.21 0.00	57.89 0.00 0.00	49.75 0.05 0.00
TIANA____69_KV_BK 1 55817	47.72 3.78 0.00	42.53 3.62 0.00	39.59 3.10 0.00	37.24 2.47 0.00	37.14 2.62 0.00	36.24 2.65 0.00	36.76 2.63 0.00	37.33 2.34 0.00	40.90 3.20 0.00	46.52 3.84 0.00	48.71 2.63 0.00	50.21 2.12 0.00	50.39 1.75 1.33	51.44 1.85 3.30	53.77 1.99 5.02	58.94 1.78 2.14	69.83 2.26 0.90	67.07 2.84 12.41	65.15 2.73 15.68	59.53 2.05 21.54	55.83 1.06 20.88	53.99 0.69 15.76	50.33 0.81 8.37	49.21 0.84 1.33

TILDEN___115KV_TB1 80814	43.72 -0.22 0.00	38.95 0.04 0.00	36.60 0.11 0.00	34.77 0.00 0.00	34.51 0.00 0.00	33.56 -0.03 0.00	34.06 -0.07 0.00	35.05 0.07 0.00	37.74 0.04 0.00	42.55 -0.13 0.00	45.94 -0.14 0.00	48.05 -0.05 0.00	49.97 0.00 0.00	53.05 0.16 0.00	57.03 0.23 0.00	59.59 0.30 0.00	68.74 0.27 0.00	77.49 0.84 0.00	79.35 1.25 0.00	80.36 1.34 0.00	76.33 0.68 0.00	69.48 0.41 0.00	58.06 0.17 0.00	49.85 0.15 0.00
TRIGEN___CC 323695	47.10 3.16 0.00	41.95 3.04 0.00	39.08 2.59 0.00	36.89 2.12 0.00	36.69 2.17 0.00	35.77 2.18 0.00	36.45 2.32 0.00	37.01 2.03 0.00	40.34 2.64 0.00	45.53 2.86 0.00	48.15 2.07 0.00	49.78 1.68 0.00	51.16 1.50 0.32	53.64 1.53 0.78	57.42 1.48 0.87	60.27 1.13 0.16	70.35 1.44 -0.45	76.00 1.99 2.64	76.38 1.95 3.67	75.55 1.58 5.04	71.52 0.76 4.89	65.82 0.41 3.66	56.85 0.93 1.96	50.43 1.04 0.32
TRINITY___115KV___4 BK 55933	44.29 0.35 0.00	39.46 0.54 0.00	37.07 0.58 0.00	35.43 0.66 0.00	35.17 0.66 0.00	34.23 0.64 0.00	34.71 0.58 0.00	35.44 0.45 0.00	38.00 0.30 0.00	42.50 -0.17 0.00	45.66 -0.41 0.00	47.81 -0.29 0.00	49.62 -0.35 0.00	52.41 -0.48 0.00	55.72 -0.80 0.29	58.00 -1.07 0.23	66.94 -1.16 0.36	75.43 -1.07 0.14	77.47 -0.62 0.00	78.30 -0.71 0.00	74.52 -1.13 0.00	68.03 -1.04 0.00	57.43 -0.46 0.00	49.25 -0.45 0.00
UNION___PROCESSING_DRP 323587	43.85 -0.09 0.00	39.69 0.78 0.00	37.44 0.95 0.00	35.09 0.31 0.00	34.76 0.24 0.00	33.69 0.10 0.00	34.17 0.03 0.00	35.58 0.59 0.00	38.53 0.83 0.00	43.14 0.47 0.00	46.63 0.55 0.00	48.91 0.82 0.00	51.37 1.40 0.00	54.69 1.80 0.00	59.25 2.44 0.00	62.26 2.96 0.00	71.61 3.15 0.00	81.25 4.60 0.00	83.02 4.92 0.00	84.39 5.37 0.00	79.36 3.71 0.00	72.17 3.11 0.00	59.74 1.85 0.00	51.59 1.89 0.00
UPPER HUDSON___HYD 24058	46.09 2.15 0.00	40.93 2.02 0.00	38.39 1.90 0.00	36.55 1.77 0.00	36.31 1.79 0.00	35.30 1.71 0.00	35.57 1.43 0.00	36.70 1.71 0.00	39.47 1.77 0.00	43.87 1.19 0.00	46.91 0.83 0.00	49.54 1.44 0.00	51.32 1.35 0.00	54.15 1.27 0.00	57.11 0.63 0.32	59.51 0.47 0.26	68.69 0.61 0.39	77.57 1.07 0.15	81.30 3.20 0.00	82.41 3.40 0.00	78.75 3.10 0.00	72.03 2.97 0.00	60.56 2.66 0.00	51.64 1.94 0.00
UPPER RAQUET___HYD 24056	44.25 0.31 0.00	38.79 -0.12 0.00	36.31 -0.18 0.00	34.60 -0.17 0.00	34.41 -0.10 0.00	33.46 -0.13 0.00	33.96 -0.17 0.00	34.88 -0.10 0.00	37.70 0.00 0.00	43.23 0.55 0.00	47.05 0.97 0.00	48.86 0.77 0.00	50.62 0.65 0.00	53.52 0.64 0.00	57.54 0.74 0.00	60.13 0.83 0.00	69.35 0.89 0.00	77.26 0.61 0.00	78.72 0.62 0.00	80.04 1.02 0.00	77.77 2.12 0.00	71.28 2.21 0.00	59.45 1.56 0.00	50.75 1.05 0.00
VALLEY44_115KV_TB2 355964	42.71 -1.23 0.00	39.14 0.23 0.00	37.07 0.58 0.00	34.49 -0.28 0.00	34.10 -0.41 0.00	33.19 -0.40 0.00	33.72 -0.41 0.00	35.40 0.42 0.00	38.38 0.68 0.00	42.72 0.04 0.00	46.17 0.09 0.00	48.53 0.43 0.00	50.82 0.85 0.00	54.21 1.32 0.00	58.91 2.10 0.00	62.26 2.96 0.00	71.68 3.22 0.00	81.71 5.06 0.00	83.64 5.55 0.00	84.94 5.93 0.00	78.83 3.18 0.00	71.48 2.42 0.00	58.93 1.04 0.00	50.99 1.29 0.00
VALLEY___115KV_TB 1-4 80826	43.89 -0.04 0.00	38.91 0.00 0.00	36.49 0.00 0.00	34.77 0.00 0.00	34.55 0.03 0.00	33.62 0.03 0.00	34.13 0.00 0.00	35.02 0.03 0.00	37.74 0.04 0.00	42.68 0.00 0.00	46.13 0.05 0.00	48.09 0.00 0.00	49.97 0.00 0.00	52.89 0.00 0.00	56.75 -0.06 0.00	59.18 -0.12 0.00	68.26 -0.21 0.00	76.49 -0.15 0.00	78.25 0.16 0.00	79.17 0.16 0.00	75.80 0.15 0.00	69.13 0.07 0.00	57.95 0.06 0.00	49.70 0.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	46.00 2.07 0.00	40.93 2.02 0.00	38.35 1.86 0.00	36.58 1.81 0.00	36.41 1.90 0.00	35.47 1.88 0.00	36.04 1.91 0.00	37.05 2.06 0.00	39.81 2.11 0.00	44.85 2.18 0.00	48.48 2.40 0.00	50.50 2.40 0.00	52.47 2.50 0.00	55.53 2.64 0.00	59.59 2.78 0.00	62.14 2.85 0.00	71.61 3.15 0.00	80.48 3.83 0.00	82.55 4.45 0.00	83.52 4.50 0.00	79.51 3.86 0.00	72.38 3.32 0.00	60.61 2.72 0.00	51.94 2.24 0.00
VISCHER___FERRY HYD 24020	45.34 1.41 0.00	40.31 1.40 0.00	37.88 1.39 0.00	36.13 1.35 0.00	35.86 1.34 0.00	34.90 1.31 0.00	35.36 1.23 0.00	36.17 1.19 0.00	38.83 1.13 0.00	43.40 0.72 0.00	46.68 0.60 0.00	48.96 0.87 0.00	50.82 0.85 0.00	53.57 0.69 0.00	56.71 0.34 0.44	59.18 0.24 0.35	68.34 0.41 0.54	77.13 0.69 0.21	79.51 1.41 0.00	80.36 1.34 0.00	76.48 0.83 0.00	69.83 0.76 0.00	58.87 0.98 0.00	50.45 0.75 0.00
V_A_10_SYNC_DSASP 323832	43.06 -0.88 0.00	39.26 0.35 0.00	37.18 0.69 0.00	34.67 -0.10 0.00	34.31 -0.21 0.00	33.25 -0.34 0.00	33.72 -0.41 0.00	35.30 0.31 0.00	38.23 0.53 0.00	42.55 -0.13 0.00	45.94 -0.14 0.00	48.24 0.14 0.00	50.82 0.85 0.00	54.16 1.27 0.00	58.85 2.05 0.00	61.97 2.67 0.00	71.07 2.60 0.00	80.79 4.14 0.00	82.55 4.45 0.00	83.83 4.82 0.00	78.45 2.80 0.00	71.28 2.21 0.00	58.82 0.93 0.00	51.24 1.54 0.00
V_CMM_10_SYNC_DSASP 323787	43.85 -0.09 0.00	38.48 -0.43 0.00	36.01 -0.48 0.00	34.36 -0.42 0.00	34.10 -0.41 0.00	33.19 -0.40 0.00	33.72 -0.41 0.00	34.63 -0.35 0.00	37.44 -0.26 0.00	42.93 0.26 0.00	46.54 0.46 0.00	48.38 0.29 0.00	50.17 0.20 0.00	53.10 0.21 0.00	57.09 0.29 0.00	59.66 0.36 0.00	68.88 0.41 0.00	76.57 -0.08 0.00	77.56 -0.54 0.00	78.62 -0.39 0.00	76.11 0.46 0.00	69.69 0.62 0.00	58.24 0.35 0.00	49.90 0.20 0.00
V_CMP_10_SYNC_DSASP 323788	44.51 0.57 0.00	39.07 0.16 0.00	36.49 0.00 0.00	34.77 0.00 0.00	34.51 0.00 0.00	33.56 -0.03 0.00	34.13 0.00 0.00	35.12 0.14 0.00	38.08 0.38 0.00	43.70 1.02 0.00	47.46 1.38 0.00	48.91 0.82 0.00	50.42 0.45 0.00	53.31 0.42 0.00	57.32 0.51 0.00	59.89 0.59 0.00	69.22 0.75 0.00	76.95 0.31 0.00	78.18 0.08 0.00	79.25 0.24 0.00	76.71 1.06 0.00	70.10 1.04 0.00	58.47 0.58 0.00	50.05 0.35 0.00
V_D_10_SYNC_DSASP 323841	44.20 0.27 0.00	38.76 -0.16 0.00	36.27 -0.22 0.00	34.60 -0.17 0.00	34.38 -0.14 0.00	33.42 -0.17 0.00	33.93 -0.20 0.00	34.88 -0.10 0.00	37.70 0.00 0.00	43.23 0.55 0.00	46.95 0.87 0.00	48.82 0.72 0.00	50.62 0.65 0.00	53.52 0.64 0.00	57.60 0.79 0.00	60.13 0.83 0.00	69.42 0.96 0.00	77.19 0.54 0.00	78.33 0.24 0.00	79.41 0.40 0.00	76.94 1.28 0.00	70.45 1.38 0.00	58.93 1.04 0.00	50.40 0.70 0.00
V_E_10_SYNC_DSASP 323830	47.37 3.43 0.00	42.34 3.42 0.00	39.63 3.14 0.00	37.52 2.75 0.00	37.55 3.04 0.00	36.65 3.06 0.00	37.10 2.97 0.00	38.38 3.39 0.00	41.28 3.58 0.00	46.47 3.80 0.00	50.37 4.29 0.00	52.33 4.23 0.00	54.42 4.45 0.00	57.70 4.81 0.00	62.26 5.45 0.00	65.11 5.81 0.00	74.97 6.51 0.00	85.08 8.43 0.00	88.41 10.31 0.00	90.31 11.30 0.00	86.02 10.36 0.00	77.98 8.91 0.00	64.55 6.65 0.00	55.12 5.42 0.00



V_F_30_NSYNC___DSASP 323816	46.09 2.15 0.00	40.93 2.02 0.00	38.42 1.93 0.00	36.61 1.84 0.00	36.34 1.83 0.00	35.33 1.75 0.00	35.70 1.57 0.00	36.70 1.71 0.00	39.44 1.74 0.00	44.00 1.32 0.00	47.28 1.20 0.00	49.78 1.68 0.00	51.62 1.65 0.00	54.53 1.64 0.00	57.66 1.19 0.34	60.15 1.12 0.27	69.34 1.30 0.42	78.32 1.84 0.16	81.23 3.13 0.00	82.26 3.24 0.00	78.37 2.72 0.00	71.62 2.56 0.00	60.27 2.37 0.00	51.54 1.84 0.00
V_F_30_SYNC_DSASP 323786	44.51 0.57 0.00	39.61 0.70 0.00	37.22 0.73 0.00	35.57 0.80 0.00	35.31 0.79 0.00	34.33 0.74 0.00	34.81 0.68 0.00	35.58 0.59 0.00	38.19 0.49 0.00	42.68 0.00 0.00	45.90 -0.18 0.00	48.09 0.00 0.00	49.92 -0.05 0.00	52.73 -0.16 0.00	56.05 -0.45 0.30	58.35 -0.71 0.24	67.34 -0.75 0.37	75.82 -0.69 0.14	78.02 -0.08 0.00	78.78 -0.24 0.00	74.97 -0.68 0.00	68.44 -0.62 0.00	57.77 -0.12 0.00	49.55 -0.15 0.00
V_XM_10_SYNC_DSASP 323789	44.51 0.57 0.00	39.07 0.16 0.00	36.49 0.00 0.00	34.77 0.00 0.00	34.51 0.00 0.00	33.56 -0.03 0.00	34.13 0.00 0.00	35.12 0.14 0.00	38.08 0.38 0.00	43.70 1.02 0.00	47.46 1.38 0.00	48.91 0.82 0.00	50.42 0.45 0.00	53.31 0.42 0.00	57.32 0.51 0.00	59.89 0.59 0.00	69.22 0.75 0.00	76.95 0.31 0.00	78.18 0.08 0.00	79.25 0.24 0.00	76.71 1.06 0.00	70.10 1.04 0.00	58.47 0.58 0.00	50.05 0.35 0.00
W.BABYLN_69_KV_BK1 56697	47.98 4.04 0.00	42.72 3.81 0.00	39.77 3.28 0.00	37.45 2.68 0.00	37.24 2.73 0.00	36.34 2.75 0.00	36.93 2.80 0.00	37.47 2.48 0.00	40.98 3.28 0.00	46.43 3.76 0.00	48.71 2.63 0.00	50.16 2.07 0.00	50.45 1.65 1.18	51.72 1.75 2.92	54.21 1.76 4.35	59.14 1.54 1.70	70.06 1.92 0.32	68.40 2.53 10.77	66.84 2.58 13.84	62.20 2.21 19.02	58.57 1.36 18.44	56.15 0.97 13.88	51.77 1.27 7.39	49.92 1.39 1.18
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	46.35 2.42 0.00	41.21 2.30 0.00	38.50 2.01 0.00	36.58 1.81 0.00	36.31 1.79 0.00	35.40 1.81 0.00	36.15 2.01 0.00	36.73 1.75 0.00	39.74 2.04 0.00	44.55 1.88 0.00	47.92 1.84 0.00	49.97 1.88 0.00	51.82 1.85 0.00	54.79 1.90 0.00	59.09 1.93 -0.35	61.30 1.72 -0.28	71.02 2.12 -0.43	79.49 2.68 -0.17	80.91 2.81 0.00	81.62 2.61 0.00	77.24 1.59 0.00	70.31 1.24 0.00	59.51 1.62 0.00	51.29 1.59 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.79 2.86 0.00	41.60 2.68 0.00	38.79 2.30 0.00	36.86 2.09 0.00	36.55 2.04 0.00	35.64 2.05 0.00	36.49 2.36 0.00	37.12 2.13 0.00	40.26 2.56 0.00	45.11 2.43 0.00	48.48 2.40 0.00	50.50 2.40 0.00	52.27 2.30 0.00	55.27 2.38 0.00	59.51 2.33 -0.37	61.49 1.90 -0.30	71.25 2.33 -0.46	79.81 2.99 -0.18	81.07 2.97 0.00	81.62 2.61 0.00	77.39 1.74 0.00	70.31 1.24 0.00	59.80 1.91 0.00	51.69 1.99 0.00
W50THST__13_KV_LOAD 356117	47.01 3.08 0.00	41.79 2.88 0.00	38.97 2.48 0.00	37.03 2.26 0.00	36.72 2.21 0.00	35.84 2.25 0.00	36.69 2.56 0.00	37.33 2.34 0.00	40.49 2.79 0.00	45.36 2.69 0.00	48.75 2.67 0.00	50.79 2.69 0.00	52.57 2.60 0.00	55.58 2.70 0.00	59.90 2.73 -0.37	61.85 2.25 -0.30	71.73 2.81 -0.46	80.27 3.45 -0.18	81.54 3.44 0.00	82.10 3.08 0.00	77.77 2.12 0.00	70.72 1.66 0.00	60.15 2.26 0.00	51.94 2.24 0.00
WADING RIVER_IC_1 23522	46.97 3.03 0.00	41.83 2.92 0.00	38.97 2.48 0.00	36.68 1.91 0.00	36.55 2.04 0.00	35.67 2.08 0.00	36.18 2.05 0.00	36.49 1.50 0.00	40.19 2.49 0.00	45.66 2.99 0.00	47.55 1.47 0.00	48.91 0.82 0.00	49.34 0.70 1.33	50.27 0.69 3.30	52.23 0.45 5.02	57.52 0.36 2.14	68.27 0.68 0.88	65.23 0.99 12.41	63.35 0.94 15.69	57.86 0.40 21.55	54.38 -0.38 20.89	52.68 -0.62 15.77	49.40 -0.12 8.37	48.37 0.00 1.33
WADING RIVER_IC_2 23547	46.97 3.03 0.00	41.83 2.92 0.00	38.97 2.48 0.00	36.68 1.91 0.00	36.55 2.04 0.00	35.67 2.08 0.00	36.18 2.05 0.00	36.49 1.50 0.00	40.19 2.49 0.00	45.66 2.99 0.00	47.55 1.47 0.00	48.91 0.82 0.00	49.34 0.70 1.33	50.27 0.69 3.30	52.23 0.45 5.02	57.52 0.36 2.14	68.27 0.68 0.88	65.23 0.99 12.41	63.35 0.94 15.69	57.86 0.40 21.55	54.38 -0.38 20.89	52.68 -0.62 15.77	49.40 -0.12 8.37	48.37 0.00 1.33
WADING RIVER_IC_3 23601	46.97 3.03 0.00	41.83 2.92 0.00	38.97 2.48 0.00	36.68 1.91 0.00	36.55 2.04 0.00	35.67 2.08 0.00	36.18 2.05 0.00	36.49 1.50 0.00	40.19 2.49 0.00	45.66 2.99 0.00	47.55 1.47 0.00	48.91 0.82 0.00	49.34 0.70 1.33	50.27 0.69 3.30	52.23 0.45 5.02	57.52 0.36 2.14	68.27 0.68 0.88	65.23 0.99 12.41	63.35 0.94 15.69	57.86 0.40 21.55	54.38 -0.38 20.89	52.68 -0.62 15.77	49.40 -0.12 8.37	48.37 0.00 1.33
WALDENNY_12_KV_BK2 80841	43.37 -0.57 0.00	39.65 0.74 0.00	37.62 1.13 0.00	34.95 0.17 0.00	34.44 -0.07 0.00	33.49 -0.10 0.00	34.03 -0.10 0.00	35.82 0.84 0.00	38.72 1.02 0.00	43.06 0.38 0.00	46.59 0.51 0.00	48.96 0.87 0.00	51.67 1.70 0.00	55.16 2.27 0.00	60.10 3.29 0.00	63.39 4.09 0.00	72.71 4.24 0.00	82.93 6.29 0.00	84.82 6.72 0.00	86.21 7.19 0.00	80.19 4.54 0.00	72.73 3.66 0.00	59.86 1.97 0.00	52.23 2.53 0.00
WALDEN___HYDRO 24148	46.09 2.15 0.00	40.97 2.06 0.00	38.28 1.79 0.00	36.41 1.63 0.00	36.14 1.62 0.00	35.24 1.65 0.00	35.91 1.77 0.00	36.49 1.50 0.00	39.43 1.73 0.00	44.21 1.54 0.00	47.55 1.47 0.00	49.58 1.49 0.00	51.42 1.45 0.00	54.42 1.53 0.00	58.58 1.48 -0.29	60.84 1.30 -0.24	70.47 1.64 -0.36	79.01 2.22 -0.14	80.52 2.42 0.00	81.39 2.37 0.00	77.16 1.51 0.00	70.24 1.17 0.00	59.40 1.51 0.00	51.09 1.39 0.00
WARRENSBURG____ 23737	46.09 2.15 0.00	40.97 2.06 0.00	38.39 1.90 0.00	36.55 1.77 0.00	36.31 1.79 0.00	35.30 1.71 0.00	35.57 1.43 0.00	36.70 1.71 0.00	39.47 1.77 0.00	43.87 1.19 0.00	46.91 0.83 0.00	49.58 1.49 0.00	51.32 1.35 0.00	54.16 1.27 0.00	57.17 0.68 0.32	59.57 0.53 0.26	68.69 0.62 0.39	77.57 1.07 0.15	81.30 3.20 0.00	82.41 3.40 0.00	78.75 3.10 0.00	72.04 2.97 0.00	60.55 2.66 0.00	51.64 1.94 0.00
WATERSIDE___6 8 9 23538	46.97 3.03 0.00	41.75 2.84 0.00	38.90 2.41 0.00	36.96 2.19 0.00	36.62 2.11 0.00	35.64 2.05 0.00	36.35 2.22 0.00	36.84 1.85 0.00	40.00 2.30 0.00	44.72 2.05 0.00	48.15 2.07 0.00	50.02 1.92 0.00	51.77 1.80 0.00	54.74 1.85 0.00	58.88 1.70 -0.37	60.17 1.36 0.49	60.32 1.71 9.86	59.78 2.30 19.16	60.37 2.19 19.91	60.26 1.90 20.65	60.19 0.98 16.45	58.99 0.62 10.70	59.22 1.33 0.00	51.59 1.89 0.00
WATKINRD_115KV_LN8_ILLION 55919	43.89 -0.04 0.00	38.95 0.04 0.00	36.53 0.04 0.00	34.81 0.03 0.00	34.58 0.07 0.00	33.66 0.07 0.00	34.17 0.03 0.00	35.02 0.03 0.00	37.74 0.04 0.00	42.63 -0.04 0.00	46.03 -0.05 0.00	48.05 -0.05 0.00	49.92 -0.05 0.00	52.83 -0.05 0.00	56.69 -0.11 0.00	59.12 -0.18 0.00	68.26 -0.21 0.00	76.49 -0.15 0.00	78.25 0.16 0.00	79.17 0.16 0.00	75.73 0.08 0.00	69.07 0.00 0.00	57.89 0.00 0.00	49.65 -0.05 0.00

WDELAWARE___HYD 323627	45.87 1.93 0.00	40.66 1.75 0.00	38.06 1.57 0.00	36.16 1.39 0.00	35.93 1.42 0.00	35.00 1.41 0.00	35.60 1.47 0.00	36.21 1.22 0.00	39.10 1.40 0.00	43.91 1.24 0.00	47.28 1.20 0.00	49.25 1.15 0.00	51.16 1.20 0.01	54.04 1.27 0.11	57.97 1.14 -0.03	60.34 1.12 0.08	69.75 1.50 0.22	78.16 2.14 0.63	79.81 2.50 0.79	80.73 2.53 0.81	76.68 1.74 0.71	70.52 1.45 0.00	59.45 1.56 0.00	51.02 1.34 0.03
WEST BABYLON___IC 23714	47.98 4.04 0.00	42.72 3.81 0.00	39.77 3.28 0.00	37.45 2.68 0.00	37.24 2.73 0.00	36.34 2.75 0.00	36.93 2.80 0.00	37.47 2.48 0.00	40.98 3.28 0.00	46.43 3.76 0.00	48.71 2.63 0.00	50.16 2.07 0.00	50.45 1.65 1.18	51.72 1.75 2.92	54.21 1.76 4.35	59.14 1.54 1.70	70.06 1.92 0.32	68.40 2.53 10.77	66.84 2.58 13.84	62.20 2.21 19.02	58.57 1.36 18.44	56.15 0.97 13.88	51.77 1.27 7.39	49.92 1.39 1.18
WEST CANADA___HYD 24049	44.07 0.13 0.00	39.11 0.20 0.00	36.67 0.18 0.00	34.95 0.17 0.00	34.72 0.21 0.00	33.79 0.20 0.00	34.34 0.21 0.00	35.16 0.18 0.00	37.85 0.15 0.00	42.72 0.04 0.00	46.13 0.05 0.00	48.14 0.05 0.00	50.02 0.05 0.00	52.94 0.05 0.00	56.81 0.00 0.00	59.30 0.00 0.00	68.47 0.00 0.00	76.72 0.08 0.00	78.33 0.24 0.00	79.25 0.24 0.00	75.73 0.08 0.00	69.07 0.00 0.00	57.95 0.06 0.00	49.75 0.05 0.00
WESTERN_NY_WIND 24143	44.33 0.40 0.00	40.47 1.56 0.00	38.31 1.82 0.00	35.64 0.87 0.00	35.00 0.48 0.00	34.16 0.57 0.00	34.58 0.44 0.00	36.31 1.33 0.00	38.98 1.28 0.00	43.36 0.68 0.00	46.82 0.74 0.00	49.20 1.11 0.00	51.82 1.85 0.00	55.37 2.49 0.00	60.22 3.41 0.00	63.45 4.15 0.00	72.92 4.45 0.00	83.31 6.67 0.00	85.36 7.26 0.00	87.07 8.06 0.00	81.40 5.75 0.00	73.83 4.77 0.00	60.90 3.01 0.00	52.98 3.28 0.00
WESTOVER___LESR 323668	44.38 0.44 0.00	39.77 0.86 0.00	37.37 0.88 0.00	35.36 0.59 0.00	35.07 0.55 0.00	34.16 0.57 0.00	34.71 0.58 0.00	35.79 0.80 0.00	38.53 0.83 0.00	43.32 0.64 0.00	46.72 0.65 0.00	48.86 0.77 0.00	50.97 1.00 0.00	54.10 1.22 0.00	58.28 1.48 0.00	61.08 1.78 0.00	70.38 1.92 0.00	79.48 2.84 0.00	81.46 3.36 0.00	82.57 3.56 0.00	78.00 2.35 0.00	70.93 1.86 0.00	59.16 1.27 0.00	50.89 1.19 0.00
WETHRSFD_WT_PWR 323626	43.23 -0.70 0.00	39.61 0.70 0.00	37.26 0.77 0.00	34.74 -0.03 0.00	34.34 -0.17 0.00	33.39 -0.20 0.00	33.89 -0.24 0.00	35.54 0.56 0.00	38.38 0.68 0.00	42.63 -0.04 0.00	46.03 -0.05 0.00	48.19 0.10 0.00	50.67 0.70 0.00	54.21 1.32 0.00	59.42 2.61 0.00	61.97 2.67 0.00	71.13 2.67 0.00	81.09 4.44 0.00	83.33 5.23 0.00	84.94 5.93 0.00	79.43 3.78 0.00	72.10 3.04 0.00	59.51 1.62 0.00	51.79 2.09 0.00
WHAVSTOR_138KV_BK127 55557	46.09 2.15 0.00	40.97 2.06 0.00	38.28 1.79 0.00	36.41 1.63 0.00	36.14 1.62 0.00	35.24 1.65 0.00	35.98 1.84 0.00	36.59 1.61 0.00	39.58 1.88 0.00	44.38 1.71 0.00	47.69 1.61 0.00	49.73 1.64 0.00	51.52 1.55 0.00	54.47 1.59 0.00	58.75 1.59 -0.35	60.88 1.30 -0.28	70.54 1.64 -0.43	78.96 2.15 -0.17	80.36 2.26 0.00	80.99 1.98 0.00	76.71 1.06 0.00	69.76 0.69 0.00	59.11 1.22 0.00	50.94 1.24 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	46.09 2.15 0.00	40.97 2.06 0.00	38.28 1.79 0.00	36.41 1.63 0.00	36.14 1.62 0.00	35.24 1.65 0.00	35.98 1.84 0.00	36.59 1.61 0.00	39.58 1.88 0.00	44.38 1.71 0.00	47.69 1.61 0.00	49.73 1.64 0.00	51.52 1.55 0.00	54.47 1.59 0.00	58.75 1.59 -0.35	60.88 1.30 -0.28	70.54 1.64 -0.43	78.96 2.15 -0.17	80.36 2.26 0.00	80.99 1.98 0.00	76.71 1.06 0.00	69.76 0.69 0.00	59.11 1.22 0.00	50.94 1.24 0.00
WHITEHAL_115KV_TB1 80871	47.01 3.08 0.00	41.75 2.84 0.00	39.12 2.63 0.00	37.21 2.43 0.00	36.96 2.45 0.00	35.91 2.32 0.00	36.08 1.95 0.00	37.36 2.38 0.00	40.15 2.45 0.00	44.51 1.84 0.00	47.65 1.57 0.00	50.50 2.40 0.00	52.32 2.35 0.00	55.16 2.27 0.00	58.13 1.65 0.33	60.58 1.54 0.26	69.91 1.85 0.40	79.10 2.61 0.16	83.18 5.08 0.00	84.47 5.45 0.00	80.80 5.14 0.00	73.83 4.77 0.00	62.00 4.11 0.00	52.78 3.08 0.00
WHITEPLN_13_KV_LOAD 356215	46.92 2.99 0.00	41.71 2.80 0.00	38.93 2.44 0.00	37.00 2.23 0.00	36.72 2.21 0.00	35.81 2.22 0.00	36.73 2.59 0.00	37.26 2.27 0.00	40.41 2.71 0.00	45.49 2.82 0.00	48.94 2.86 0.00	50.88 2.79 0.00	52.72 2.75 0.00	55.74 2.86 0.00	60.30 3.12 -0.37	62.56 2.96 -0.30	72.48 3.56 -0.46	81.42 4.60 -0.18	82.39 4.30 0.00	82.89 3.87 0.00	78.45 2.80 0.00	71.14 2.07 0.00	60.32 2.43 0.00	51.89 2.19 0.00
WM_FLOYD_69_KV_BK2 356380	47.36 3.43 0.00	42.26 3.35 0.00	39.34 2.85 0.00	37.00 2.23 0.00	36.90 2.38 0.00	35.97 2.38 0.00	36.49 2.36 0.00	37.05 2.06 0.00	40.57 2.87 0.00	46.05 3.37 0.00	48.11 2.03 0.00	49.54 1.44 0.00	49.69 1.05 1.33	50.70 1.11 3.30	52.92 1.14 5.02	57.96 0.83 2.17	68.65 1.16 0.98	65.83 1.61 12.43	64.01 1.56 15.65	58.62 1.11 21.50	55.19 0.38 20.84	53.40 0.07 15.74	49.94 0.41 8.35	48.87 0.50 1.33
WOODARD__115KV_TB2 355635	43.54 -0.40 0.00	38.79 -0.12 0.00	36.45 -0.04 0.00	34.63 -0.14 0.00	34.38 -0.14 0.00	33.42 -0.17 0.00	33.93 -0.20 0.00	34.88 -0.10 0.00	37.59 -0.11 0.00	42.38 -0.30 0.00	45.76 -0.32 0.00	47.85 -0.24 0.00	49.77 -0.20 0.00	52.83 -0.05 0.00	56.81 0.00 0.00	59.36 0.06 0.00	68.40 -0.07 0.00	77.03 0.38 0.00	78.88 0.78 0.00	79.88 0.87 0.00	75.88 0.23 0.00	69.13 0.07 0.00	57.77 -0.12 0.00	49.60 -0.10 0.00
WOODMERE_69_KV_BK1 55827	47.80 3.87 0.00	42.57 3.66 0.00	39.63 3.14 0.00	37.42 2.64 0.00	37.17 2.66 0.00	36.28 2.69 0.00	36.93 2.80 0.00	37.47 2.48 0.00	40.90 3.20 0.00	46.26 3.58 0.00	48.94 2.86 0.00	50.64 2.55 0.00	52.18 2.35 0.14	54.97 2.43 0.35	59.13 2.50 0.18	61.70 2.31 -0.09	71.72 2.81 -0.45	79.10 3.53 1.07	79.99 3.51 1.62	79.94 3.16 2.23	75.61 2.12 2.16	69.17 1.73 1.62	58.93 1.91 0.87	51.40 1.84 0.14
YORK___WARBASSE 23770	47.14 3.21 0.00	41.91 3.00 0.00	39.01 2.52 0.00	37.03 2.26 0.00	36.65 2.14 0.00	35.60 2.02 0.00	36.32 2.18 0.00	36.77 1.78 0.00	39.96 2.26 0.00	44.72 2.05 0.00	48.15 2.07 0.00	49.97 1.88 0.00	51.77 1.80 0.00	54.79 1.90 0.00	58.99 1.82 -0.37	61.37 1.78 -0.29	62.89 2.19 7.76	66.69 2.84 12.79	62.75 2.81 18.16	60.81 2.45 20.65	60.79 1.59 16.45	70.23 1.17 0.01	59.34 1.45 0.00	51.69 1.99 0.00