

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion											
Generator Data																									07/14/2025								
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00								
59TH STREET_GT_1	24138	50.98	46.90	42.06	40.71	41.12	42.96	44.95	52.15	57.12	58.54	60.92	64.82	70.85	80.46	87.82	88.22	101.78	115.70	109.22	98.31	88.58	79.36	66.92	60.00								
		3.42	3.03	2.75	2.56	2.55	2.77	3.33	3.46	3.59	3.62	3.77	3.96	4.51	5.19	6.43	7.14	8.23	9.46	8.00	6.77	6.33	3.99	2.94	3.18								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
74TH STREET_GT_1	24260	51.07	46.95	42.10	40.75	41.12	42.96	44.95	52.10	57.07	58.49	60.80	64.70	70.78	80.31	87.74	88.06	101.59	115.59	109.12	98.31	88.58	79.43	66.92	60.00								
		3.52	3.07	2.79	2.59	2.55	2.77	3.33	3.41	3.53	3.57	3.66	3.83	4.44	5.04	6.35	6.97	8.04	9.35	7.90	6.77	6.33	4.07	2.94	3.18								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
74TH STREET_GT_2	24261	51.07	46.95	42.10	40.75	41.12	42.96	44.95	52.10	57.07	58.49	60.80	64.70	70.78	80.31	87.74	88.06	101.59	115.59	109.12	98.31	88.58	79.43	66.92	60.00								
		3.52	3.07	2.79	2.59	2.55	2.77	3.33	3.41	3.53	3.57	3.66	3.83	4.44	5.04	6.35	6.97	8.04	9.35	7.90	6.77	6.33	4.07	2.94	3.18								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK HUDSON___FALLS	24011	49.88	45.90	41.28	39.95	40.39	42.16	43.54	50.69	55.73	57.11	58.92	62.63	67.93	77.45	83.92	83.36	96.35	109.85	106.49	96.67	87.54	79.43	66.98	59.38								
		2.33	2.02	1.97	1.79	1.81	1.97	1.91	2.00	2.19	2.20	1.77	1.77	1.59	2.18	2.52	2.27	2.81	3.61	5.26	5.13	5.26	4.07	3.01	2.56								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00								
ADK RESOURCE___RCVRY	23798	49.98	45.98	41.36	39.95	40.43	42.20	43.58	50.73	55.78	57.22	58.92	62.63	67.93	77.53	84.00	83.28	96.26	109.86	106.79	96.94	87.78	79.66	67.11	59.49								
		2.42	2.11	2.04	1.79	1.85	2.01	1.96	2.04	2.25	2.31	1.77	1.77	1.59	2.26	2.60	2.19	2.71	3.61	5.56	5.40	5.51	4.29	3.13	2.67								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00								
ADK S GLENS___FALLS	24028	49.88	45.90	41.28	39.95	40.39	42.16	43.54	50.69	55.73	57.11	58.92	62.63	67.93	77.45	83.92	83.36	96.35	109.85	106.49	96.67	87.54	79.43	66.98	59.38								
		2.33	2.02	1.97	1.79	1.81	1.97	1.91	2.00	2.19	2.20	1.77	1.77	1.59	2.18	2.52	2.27	2.81	3.61	5.26	5.13	5.26	4.07	3.01	2.56								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00								
ADK_NYS___DAM	23527	49.64	45.85	41.16	39.83	40.27	42.12	43.70	50.83	55.62	56.84	59.03	62.75	68.46	77.68	84.65	84.57	97.94	111.55	106.99	96.57	87.24	78.60	66.35	59.04								
		2.09	1.98	1.85	1.68	1.70	1.93	2.08	2.14	2.09	1.92	1.88	1.89	2.12	2.41	3.26	3.48	4.40	5.31	5.77	5.03	4.93	3.24	2.37	2.21								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00								
AIR_PRODUCTS___DRP	24190	47.65	43.92	39.43	38.35	38.81	40.39	41.87	48.64	53.32	54.64	56.80	60.44	65.87	74.82	81.39	81.17	93.64	106.45	101.73	92.00	82.87	75.21	63.53	56.54								
		0.10	0.04	0.12	0.19	0.23	0.20	0.25	-0.05	-0.21	-0.27	-0.34	-0.43	-0.46	-0.45	0.00	0.08	0.09	0.21	0.51	0.46	0.66	-0.15	-0.45	-0.28								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00								
AKWESSNE_115KV_BK	355683	46.98	43.35	38.88	37.70	38.19	39.75	41.25	48.64	53.43	54.81	56.97	60.68	65.81	74.44	80.42	80.03	92.24	104.86	99.61	89.89	80.60	74.61	63.78	56.31								
		-0.57	-0.53	-0.43	-0.46	-0.39	-0.44	-0.37	-0.05	-0.11	-0.11	-0.17	-0.18	-0.53	-0.83	-0.98	-1.05	-1.31	-1.38	-1.62	-1.65	-1.64	-0.75	-0.19	-0.51								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.82	43.12	39.59	38.50	38.96	40.55	41.51	46.43	49.75	50.65	52.57	55.14	59.02	65.50	70.14	69.84	78.85	88.14	84.99	90.93	82.96	66.21	57.86	52.78								
		0.29	0.22	0.28	0.34	0.39	0.36	0.29	0.05	-0.16	-0.27	-0.46	-0.61	-0.66	-0.60	-0.24	-0.32	-0.28	-0.11	0.41	0.55	0.74	0.08	-0.13	0.00								
		2.02	0.98	0.00	0.00	0.00	0.00	0.40	2.31	3.62	3.99	4.12	5.12	6.66	9.17	11.01	10.92	14.41	18.00	16.65	1.17	0.02	9.23	5.98	4.04								
ALBANY_2_SOLAR	323834	45.82	43.12	39.55	38.46	38.92	40.51	41.51	46.38	49.75	50.60	52.57	55.14	58.95	65.50	70.15	69.85	78.86	88.04	84.89	90.83	82.96	66.21	57.87	52.78								
		0.29	0.22	0.24	0.30	0.35	0.32	0.29	0.00	-0.16	-0.33	-0.46	-0.61	-0.73	-0.60	-0.24	-0.32	-0.28	-0.21	0.30	0.46	0.74	0.08	-0.13	0.00								
		2.02	0.98	0.00	0.00	0.00	0.00	0.40	2.31	3.62	3.99	4.12	5.12	6.66	9.16	11.00	10.91	14.40	17.99	16.64	1.17	0.02	9.23	5.98	4.04								
ALBANY___1	23571	47.65	43.92	39.43	38.35	38.81	40.39	41.87	48.64	53.32	54.64	56.80	60.44	65.87	74.82	81.39	81.17	93.64	106.45	101.73	92.00	82.87	75.21	63.53	56.54								
		0.10	0.04	0.12	0.19	0.23	0.20	0.25	-0.05	-0.21	-0.27	-0.34	-0.43	-0.46	-0.45	0.00	0.08	0.09	0.21	0.51	0.46	0.66	-0.15	-0.45	-0.28								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00								

ALBANY___2 23572	47.65 0.10 0.00	43.92 0.04 0.00	39.43 0.12 0.00	38.35 0.19 0.00	38.81 0.23 0.00	40.39 0.20 0.00	41.87 0.25 0.00	48.64 -0.05 0.00	53.32 -0.21 0.00	54.64 -0.27 0.00	56.80 -0.34 0.00	60.44 -0.43 0.00	65.87 -0.46 0.00	74.82 -0.45 0.00	81.39 0.00 0.00	81.17 0.08 0.00	93.64 0.09 0.00	106.45 0.21 0.00	101.73 0.51 0.00	92.00 0.46 0.00	82.87 0.66 0.03	75.21 -0.15 0.00	63.53 -0.45 0.00	56.54 -0.28 0.00
ALBANY___3 23573	47.65 0.10 0.00	43.92 0.04 0.00	39.43 0.12 0.00	38.35 0.19 0.00	38.81 0.23 0.00	40.39 0.20 0.00	41.87 0.25 0.00	48.64 -0.05 0.00	53.32 -0.21 0.00	54.64 -0.27 0.00	56.80 -0.34 0.00	60.44 -0.43 0.00	65.87 -0.46 0.00	74.82 -0.45 0.00	81.39 0.00 0.00	81.17 0.08 0.00	93.64 0.09 0.00	106.45 0.21 0.00	101.73 0.51 0.00	92.00 0.46 0.00	82.87 0.66 0.03	75.21 -0.15 0.00	63.53 -0.45 0.00	56.54 -0.28 0.00
ALBANY___4 23574	47.65 0.10 0.00	43.92 0.04 0.00	39.43 0.12 0.00	38.35 0.19 0.00	38.81 0.23 0.00	40.39 0.20 0.00	41.87 0.25 0.00	48.64 -0.05 0.00	53.32 -0.21 0.00	54.64 -0.27 0.00	56.80 -0.34 0.00	60.44 -0.43 0.00	65.87 -0.46 0.00	74.82 -0.45 0.00	81.39 0.00 0.00	81.17 0.08 0.00	93.64 0.09 0.00	106.45 0.21 0.00	101.73 0.51 0.00	92.00 0.46 0.00	82.87 0.66 0.03	75.21 -0.15 0.00	63.53 -0.45 0.00	56.54 -0.28 0.00
ALBANY___LFGE 323615	48.22 0.67 0.00	44.45 0.57 0.00	39.90 0.59 0.00	38.76 0.61 0.00	39.23 0.66 0.00	40.87 0.68 0.00	42.33 0.71 0.00	49.18 0.49 0.00	54.02 0.48 0.00	55.35 0.44 0.00	57.55 0.40 0.00	61.17 0.31 0.00	66.67 0.33 0.00	75.87 0.60 0.00	82.45 1.06 0.00	82.06 0.98 0.00	94.76 1.21 0.00	107.73 1.49 0.00	103.05 1.82 0.00	93.19 1.65 0.00	83.94 1.73 0.03	76.12 0.75 0.00	64.36 0.39 0.00	57.27 0.45 0.00
ALCOA_PA_115KV_PL-6C 55860	47.36 -0.19 0.00	43.66 -0.22 0.00	39.16 -0.16 0.00	38.00 -0.15 0.00	38.50 -0.08 0.00	40.03 -0.16 0.00	41.54 -0.08 0.00	49.08 0.39 0.00	53.91 0.37 0.00	55.25 0.33 0.00	57.37 0.23 0.00	61.11 0.24 0.00	66.27 -0.07 0.00	74.97 -0.30 0.00	80.90 -0.49 0.00	80.44 -0.65 0.00	92.70 -0.84 0.00	105.39 -0.85 0.00	100.22 -1.01 0.00	90.62 -0.92 0.00	81.18 -1.07 0.00	75.21 -0.15 0.00	64.23 0.26 0.00	56.82 0.00 0.00
ALCOA_RYNLDS___DRP 24188	47.36 -0.19 0.00	43.66 -0.22 0.00	39.16 -0.16 0.00	38.00 -0.15 0.00	38.50 -0.08 0.00	40.03 -0.16 0.00	41.54 -0.08 0.00	49.08 0.39 0.00	53.91 0.37 0.00	55.25 0.33 0.00	57.37 0.23 0.00	61.11 0.24 0.00	66.27 -0.07 0.00	74.97 -0.30 0.00	80.90 -0.49 0.00	80.44 -0.65 0.00	92.70 -0.84 0.00	105.39 -0.85 0.00	100.22 -1.01 0.00	90.62 -0.92 0.00	81.18 -1.07 0.00	75.21 -0.15 0.00	64.23 0.26 0.00	56.82 0.00 0.00
ALCOA___DSASP 323711	47.32 -0.24 0.00	43.66 -0.22 0.00	39.16 -0.16 0.00	38.00 -0.15 0.00	38.50 -0.08 0.00	40.03 -0.16 0.00	41.54 -0.08 0.00	49.08 0.39 0.00	53.91 0.38 0.00	55.25 0.33 0.00	57.38 0.23 0.00	61.11 0.24 0.00	66.27 -0.07 0.00	74.97 -0.30 0.00	80.74 -0.65 0.00	80.43 -0.65 0.00	92.70 -0.84 0.00	105.39 -0.85 0.00	100.22 -1.01 0.00	90.54 -1.00 0.00	81.17 -1.07 0.00	75.21 -0.15 0.00	64.23 0.26 0.00	56.82 0.00 0.00
ALLEGHENY___COGEN 23514	51.69 4.14 0.00	48.05 4.17 0.00	42.65 3.34 0.00	40.63 2.48 0.00	40.89 2.31 0.00	42.56 2.37 0.00	43.99 2.37 0.00	50.20 1.51 0.00	53.22 -0.32 0.00	54.31 -0.60 0.00	56.17 -0.97 0.00	60.25 -0.61 0.00	66.54 0.20 0.00	75.80 0.53 0.00	81.80 0.41 0.00	81.09 0.00 0.00	94.02 0.47 0.00	107.30 1.06 0.00	104.26 3.03 0.00	97.12 5.58 0.00	87.35 5.10 0.00	80.49 5.13 0.00	67.88 3.90 0.00	61.09 4.26 0.00
ALTAMONT_115KV_TB 2 55880	48.48 0.81 -0.12	44.68 0.75 -0.06	40.02 0.71 0.00	38.92 0.76 0.00	39.39 0.81 0.00	41.03 0.84 0.00	42.48 0.83 -0.02	49.50 0.68 -0.13	54.33 0.59 -0.21	55.70 0.55 -0.23	57.90 0.51 -0.24	61.64 0.49 -0.29	67.32 0.60 -0.38	76.55 0.75 -0.53	83.17 1.14 -0.63	82.93 1.22 -0.63	95.87 1.50 -0.83	109.09 1.81 -1.04	104.11 1.92 -0.96	93.44 1.83 -0.07	84.04 1.81 0.02	76.95 1.06 -0.53	64.90 0.58 -0.34	57.74 0.68 -0.23
ALTONA_WT_PWR 323606	46.37 -1.19 0.00	42.87 -1.01 0.00	38.49 -0.83 0.00	37.39 -0.76 0.00	37.92 -0.66 0.00	39.47 -0.72 0.00	41.04 -0.58 0.00	48.25 -0.44 0.00	53.00 -0.54 0.00	54.31 -0.60 0.00	56.52 -0.63 0.00	60.19 -0.67 0.00	65.27 -1.06 0.00	73.84 -1.43 0.00	79.60 -1.79 0.00	79.46 -1.62 0.00	91.68 -1.87 0.00	104.33 -1.91 0.00	99.20 -2.02 0.00	89.80 -1.74 0.00	80.44 -1.81 0.00	74.31 -1.06 0.00	63.27 -0.70 0.00	55.74 -1.08 0.00
AMERICAN_REF_FUEL 24010	48.22 0.67 0.00	45.45 1.58 0.00	40.22 0.90 0.00	38.23 0.08 0.00	38.19 -0.39 0.00	39.71 -0.48 0.00	40.46 -1.17 0.00	45.72 -2.97 0.00	51.29 -2.25 0.00	53.38 -1.54 0.00	55.61 -1.54 0.00	60.01 -0.85 0.00	66.60 0.27 0.00	75.65 0.38 0.00	80.83 -0.57 0.00	79.63 -1.46 0.00	91.86 -1.68 0.00	102.95 -3.29 0.00	98.70 -2.53 0.00	91.54 0.00 0.00	81.67 -0.57 0.00	75.21 -0.15 0.00	64.30 0.32 0.00	59.15 2.33 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	50.03 2.47 0.00	46.90 3.03 0.00	41.55 2.24 0.00	39.45 1.30 0.00	39.46 0.89 0.00	41.15 0.96 0.00	42.50 0.88 0.00	48.49 -0.19 0.00	54.28 0.75 0.00	56.62 1.70 0.00	58.97 1.83 0.00	63.78 2.92 0.00	70.72 4.38 0.00	80.54 5.27 0.00	85.78 4.39 0.00	84.74 3.65 0.00	97.57 4.02 0.00	109.33 3.08 0.00	104.98 3.75 0.00	97.12 5.58 0.00	86.77 4.52 0.00	79.81 4.45 0.00	68.01 4.03 0.00	62.16 5.34 0.00
ARTHUR KILL_GT_1 23520	51.18 3.61 -0.01	47.18 3.29 -0.01	42.31 2.99 -0.01	40.95 2.79 -0.01	41.28 2.70 0.00	43.08 2.89 0.00	45.09 3.45 -0.01	50.58 2.58 0.69	50.57 2.57 5.54	50.87 2.64 6.68	50.88 2.69 8.95	52.93 2.74 10.68	54.22 3.12 15.24	59.28 3.61 19.60	72.60 4.88 13.68	72.22 5.84 14.71	81.50 6.64 18.69	99.94 7.65 13.95	88.12 6.17 19.28	76.27 5.22 20.49	83.00 5.02 4.26	58.80 2.94 19.50	54.58 1.79 11.18	52.93 2.33 6.22
ARTHUR_KILL_2 23512	50.99 3.43 -0.01	47.00 3.12 -0.01	42.15 2.83 -0.01	40.83 2.67 -0.01	41.16 2.58 0.00	42.92 2.73 0.00	44.92 3.29 -0.01	50.44 2.43 0.69	50.35 2.35 5.54	50.71 2.47 6.68	50.71 2.51 8.95	52.62 2.44 10.68	53.88 2.79 15.24	58.90 3.23 19.60	72.35 4.64 13.68	71.81 5.43 14.71	80.94 6.08 18.69	99.41 7.12 13.95	87.61 5.67 19.29	75.81 4.76 20.49	82.51 4.52 4.26	58.34 2.48 19.50	54.26 1.47 11.19	52.64 2.04 6.22
ARTHUR_KILL_3 23513	50.36 2.81 0.00	46.33 2.46 0.00	41.59 2.28 0.00	40.25 2.10 0.00	40.57 2.00 0.01	42.43 2.25 0.01	44.37 2.75 0.00	50.72 2.72 0.69	50.72 2.73 5.54	50.97 2.74 6.69	50.99 2.80 8.96	52.98 3.32 10.68	54.41 3.76 15.25	59.42 3.76 19.61	72.75 5.05 13.69	71.96 5.59 14.72	81.30 6.45 18.70	99.72 7.43 13.96	88.11 6.18 19.29	76.26 5.22 20.50	82.91 4.93 4.27	58.56 2.71 19.51	54.70 1.92 11.19	52.92 2.33 6.23

ARTHUR_KILL_COGEN 323718	51.17 3.61 -0.01	47.18 3.29 -0.01	42.31 2.99 -0.01	40.95 2.78 -0.01	41.27 2.70 0.00	43.08 2.90 0.00	45.08 3.45 -0.01	50.58 2.58 0.69	50.52 2.52 5.54	50.87 2.64 6.68	50.88 2.69 8.95	52.86 2.67 10.68	54.22 3.12 15.24	59.28 3.61 19.60	72.68 4.97 13.68	72.22 5.84 14.71	81.40 6.55 18.69	99.95 7.65 13.95	88.12 6.18 19.29	76.27 5.22 20.49	83.00 5.02 4.26	58.65 2.79 19.50	54.52 1.73 11.19	52.93 2.33 6.22
ASHOKAN____ 23654	48.81 3.14 1.88	45.64 2.68 0.91	40.93 1.61 0.00	39.80 1.64 0.00	40.16 1.58 0.00	41.84 1.65 0.00	43.99 2.75 0.38	49.36 2.82 2.15	53.10 2.94 3.38	54.10 2.91 3.72	56.22 2.91 3.84	59.07 2.98 4.77	63.65 3.51 6.21	71.17 4.44 8.54	76.42 5.29 10.26	76.26 5.35 10.18	86.48 6.36 13.43	97.44 7.97 16.77	93.71 8.00 15.51	97.78 7.33 1.09	88.07 5.84 0.02	71.96 5.20 8.60	62.37 3.97 5.58	56.75 3.69 3.77
ASTORIA_EAST_ENERGY_CC1 323581	50.99 3.43 -0.01	46.96 3.07 -0.01	42.11 2.79 -0.01	40.79 2.63 -0.01	41.13 2.55 -0.01	42.92 2.73 0.00	44.92 3.29 -0.01	51.71 3.02 0.00	56.26 2.73 0.00	57.82 2.91 0.00	59.95 2.80 0.00	63.78 2.92 0.00	69.72 3.38 0.00	79.25 3.99 0.01	86.85 5.45 0.00	87.34 6.24 -0.01	100.86 7.11 -0.21	114.94 8.29 -0.41	108.11 6.58 -0.31	97.12 5.58 0.01	87.60 5.34 -0.01	78.45 3.09 0.01	66.08 2.11 0.01	59.55 2.73 0.00
ASTORIA_EAST_ENERGY_CC2 323582	50.99 3.43 -0.01	46.96 3.07 -0.01	42.11 2.79 -0.01	40.79 2.63 -0.01	41.13 2.55 -0.01	42.92 2.73 0.00	44.92 3.29 -0.01	51.71 3.02 0.00	56.26 2.73 0.00	57.82 2.91 0.00	59.95 2.80 0.00	63.78 2.92 0.00	69.72 3.38 0.00	79.33 4.06 0.01	86.85 5.45 0.00	87.34 6.24 -0.01	100.86 7.11 -0.21	114.94 8.29 -0.41	108.11 6.58 -0.31	97.12 5.58 0.01	87.60 5.34 -0.01	78.45 3.09 0.01	66.08 2.11 0.01	59.55 2.73 0.00
ASTORIA_GT2_1 24094	51.03 3.47 -0.01	46.96 3.07 -0.01	42.15 2.83 -0.01	40.80 2.63 -0.01	41.17 2.58 -0.01	42.96 2.77 0.00	44.96 3.33 -0.01	51.76 3.07 0.00	56.37 2.84 0.00	57.83 2.91 0.00	59.95 2.80 0.00	63.84 2.98 0.00	69.79 3.45 0.00	79.33 4.06 0.01	86.76 5.37 0.00	87.42 6.32 -0.01	100.96 7.20 -0.21	115.05 8.39 -0.41	108.11 6.58 -0.31	97.30 5.77 0.01	87.68 5.43 -0.01	78.60 3.24 0.01	66.15 2.18 0.01	59.44 2.61 0.00
ASTORIA_GT2_2 24095	51.03 3.47 -0.01	46.96 3.07 -0.01	42.15 2.83 -0.01	40.80 2.63 -0.01	41.17 2.58 -0.01	42.96 2.77 0.00	44.96 3.33 -0.01	51.76 3.07 0.00	56.37 2.84 0.00	57.83 2.91 0.00	59.95 2.80 0.00	63.84 2.98 0.00	69.79 3.45 0.00	79.33 4.06 0.01	86.76 5.37 0.00	87.42 6.32 -0.01	100.96 7.20 -0.21	115.05 8.39 -0.41	108.11 6.58 -0.31	97.30 5.77 0.01	87.68 5.43 -0.01	78.60 3.24 0.01	66.15 2.18 0.01	59.44 2.61 0.00
ASTORIA_GT2_3 24096	51.03 3.47 -0.01	46.96 3.07 -0.01	42.15 2.83 -0.01	40.80 2.63 -0.01	41.17 2.58 -0.01	42.96 2.77 0.00	44.96 3.33 -0.01	51.76 3.07 0.00	56.37 2.84 0.00	57.83 2.91 0.00	59.95 2.80 0.00	63.84 2.98 0.00	69.79 3.45 0.00	79.33 4.06 0.01	86.76 5.37 0.00	87.42 6.32 -0.01	100.96 7.20 -0.21	115.05 8.39 -0.41	108.11 6.58 -0.31	97.30 5.77 0.01	87.68 5.43 -0.01	78.60 3.24 0.01	66.15 2.18 0.01	59.44 2.61 0.00
ASTORIA_GT2_4 24097	51.03 3.47 -0.01	46.96 3.07 -0.01	42.15 2.83 -0.01	40.80 2.63 -0.01	41.17 2.58 -0.01	42.96 2.77 0.00	44.96 3.33 -0.01	51.76 3.07 0.00	56.37 2.84 0.00	57.83 2.91 0.00	59.95 2.80 0.00	63.84 2.98 0.00	69.79 3.45 0.00	79.33 4.06 0.01	86.76 5.37 0.00	87.42 6.32 -0.01	100.96 7.20 -0.21	115.05 8.39 -0.41	108.11 6.58 -0.31	97.30 5.77 0.01	87.68 5.43 -0.01	78.60 3.24 0.01	66.15 2.18 0.01	59.44 2.61 0.00
ASTORIA_GT3_1 24098	51.03 3.47 -0.01	46.96 3.07 -0.01	42.15 2.83 -0.01	40.80 2.63 -0.01	41.17 2.58 -0.01	42.96 2.77 0.00	44.96 3.33 -0.01	51.76 3.07 0.00	56.37 2.84 0.00	57.83 2.91 0.00	59.95 2.80 0.00	63.84 2.98 0.00	69.79 3.45 0.00	79.33 4.06 0.01	86.76 5.37 0.00	87.42 6.32 -0.01	100.96 7.20 -0.21	115.05 8.39 -0.41	108.11 6.58 -0.31	97.30 5.77 0.01	87.68 5.43 -0.01	78.60 3.24 0.01	66.15 2.18 0.01	59.44 2.61 0.00
ASTORIA_GT3_2 24099	51.03 3.47 -0.01	46.96 3.07 -0.01	42.15 2.83 -0.01	40.80 2.63 -0.01	41.17 2.58 -0.01	42.96 2.77 0.00	44.96 3.33 -0.01	51.76 3.07 0.00	56.37 2.84 0.00	57.83 2.91 0.00	59.95 2.80 0.00	63.84 2.98 0.00	69.79 3.45 0.00	79.33 4.06 0.01	86.76 5.37 0.00	87.42 6.32 -0.01	100.96 7.20 -0.21	115.05 8.39 -0.41	108.11 6.58 -0.31	97.30 5.77 0.01	87.68 5.43 -0.01	78.60 3.24 0.01	66.15 2.18 0.01	59.44 2.61 0.00
ASTORIA_GT3_3 24100	51.03 3.47 -0.01	46.96 3.07 -0.01	42.15 2.83 -0.01	40.80 2.63 -0.01	41.17 2.58 -0.01	42.96 2.77 0.00	44.96 3.33 -0.01	51.76 3.07 0.00	56.37 2.84 0.00	57.83 2.91 0.00	59.95 2.80 0.00	63.84 2.98 0.00	69.79 3.45 0.00	79.33 4.06 0.01	86.76 5.37 0.00	87.42 6.32 -0.01	100.96 7.20 -0.21	115.05 8.39 -0.41	108.11 6.58 -0.31	97.30 5.77 0.01	87.68 5.43 -0.01	78.60 3.24 0.01	66.15 2.18 0.01	59.44 2.61 0.00
ASTORIA_GT3_4 24101	51.03 3.47 -0.01	46.96 3.07 -0.01	42.15 2.83 -0.01	40.80 2.63 -0.01	41.17 2.58 -0.01	42.96 2.77 0.00	44.96 3.33 -0.01	51.76 3.07 0.00	56.37 2.84 0.00	57.83 2.91 0.00	59.95 2.80 0.00	63.84 2.98 0.00	69.79 3.45 0.00	79.33 4.06 0.01	86.76 5.37 0.00	87.42 6.32 -0.01	100.96 7.20 -0.21	115.05 8.39 -0.41	108.11 6.58 -0.31	97.30 5.77 0.01	87.68 5.43 -0.01	78.60 3.24 0.01	66.15 2.18 0.01	59.44 2.61 0.00
ASTORIA_GT4_1 24102	51.03 3.47 -0.01	46.96 3.07 -0.01	42.15 2.83 -0.01	40.80 2.63 -0.01	41.17 2.58 -0.01	42.96 2.77 0.00	44.96 3.33 -0.01	51.76 3.07 0.00	56.37 2.84 0.00	57.83 2.91 0.00	59.95 2.80 0.00	63.84 2.98 0.00	69.79 3.45 0.00	79.33 4.06 0.01	86.76 5.37 0.00	87.42 6.32 -0.01	100.96 7.20 -0.21	115.05 8.39 -0.41	108.11 6.58 -0.31	97.30 5.77 0.01	87.68 5.43 -0.01	78.60 3.24 0.01	66.15 2.18 0.01	59.44 2.61 0.00
ASTORIA_GT4_2 24103	51.03 3.47 -0.01	46.96 3.07 -0.01	42.15 2.83 -0.01	40.80 2.63 -0.01	41.17 2.58 -0.01	42.96 2.77 0.00	44.96 3.33 -0.01	51.76 3.07 0.00	56.37 2.84 0.00	57.83 2.91 0.00	59.95 2.80 0.00	63.84 2.98 0.00	69.79 3.45 0.00	79.33 4.06 0.01	86.76 5.37 0.00	87.42 6.32 -0.01	100.96 7.20 -0.21	115.05 8.39 -0.41	108.11 6.58 -0.31	97.30 5.77 0.01	87.68 5.43 -0.01	78.60 3.24 0.01	66.15 2.18 0.01	59.44 2.61 0.00
ASTORIA_GT4_3 24104	51.03 3.47 -0.01	46.96 3.07 -0.01	42.15 2.83 -0.01	40.80 2.63 -0.01	41.17 2.58 -0.01	42.96 2.77 0.00	44.96 3.33 -0.01	51.76 3.07 0.00	56.37 2.84 0.00	57.83 2.91 0.00	59.95 2.80 0.00	63.84 2.98 0.00	69.79 3.45 0.00	79.33 4.06 0.01	86.76 5.37 0.00	87.42 6.32 -0.01	100.96 7.20 -0.21	115.05 8.39 -0.41	108.11 6.58 -0.31	97.30 5.77 0.01	87.68 5.43 -0.01	78.60 3.24 0.01	66.15 2.18 0.01	59.44 2.61 0.00

ASTORIA_GT4_4 24105	51.03 3.47 -0.01	46.96 3.07 -0.01	42.15 2.83 -0.01	40.80 2.63 -0.01	41.17 2.58 -0.01	42.96 2.77 0.00	44.96 3.33 -0.01	51.76 3.07 0.00	56.37 2.84 0.00	57.83 2.91 0.00	59.95 2.80 0.00	63.84 2.98 0.00	69.79 3.45 0.00	79.33 4.06 0.01	86.76 5.37 0.00	87.42 6.32 -0.01	100.96 7.20 -0.21	115.05 8.39 -0.41	108.11 6.58 -0.31	97.30 5.77 0.01	87.68 5.43 -0.01	78.60 3.24 0.01	66.15 2.18 0.01	59.44 2.61 0.00
ASTORIA_GT_1 23523	51.18 3.61 -0.01	47.09 3.20 -0.01	42.23 2.91 -0.01	40.87 2.71 -0.01	41.25 2.66 -0.01	43.04 2.85 0.00	45.04 3.41 -0.01	51.85 3.16 0.00	56.48 2.94 0.00	57.99 3.08 0.00	60.12 2.97 0.00	64.03 3.16 0.00	69.99 3.65 0.00	79.55 4.29 0.01	87.09 5.70 0.00	87.66 6.57 -0.01	101.33 7.58 -0.21	115.36 8.71 -0.41	108.42 6.88 -0.31	97.57 6.04 0.01	87.93 5.68 -0.01	78.75 3.39 0.01	66.34 2.37 0.01	59.61 2.78 0.00
ASTORIA_GT_10 24110	50.84 3.28 0.00	46.77 2.90 0.00	41.95 2.63 0.00	40.64 2.48 0.00	41.01 2.43 0.00	42.80 2.61 0.00	44.79 3.16 -0.01	51.71 3.02 0.00	56.48 2.94 0.00	57.88 2.97 0.00	60.17 3.03 0.00	63.91 3.04 0.00	69.72 3.38 0.00	79.18 3.91 0.01	86.60 5.21 0.00	87.09 6.00 0.00	100.37 6.83 0.00	114.10 7.86 0.00	107.60 6.38 0.01	97.03 5.49 0.01	87.34 5.10 0.01	78.30 2.94 0.01	66.02 2.05 0.01	59.38 2.56 0.00
ASTORIA_GT_11 24225	50.84 3.28 0.00	46.77 2.90 0.00	41.95 2.63 0.00	40.64 2.48 0.00	41.01 2.43 0.00	42.80 2.61 0.00	44.79 3.16 -0.01	51.71 3.02 0.00	56.48 2.94 0.00	57.88 2.97 0.00	60.17 3.03 0.00	63.91 3.04 0.00	69.72 3.38 0.00	79.18 3.91 0.01	86.60 5.21 0.00	87.09 6.00 0.00	100.37 6.83 0.00	114.10 7.86 0.00	107.60 6.38 0.01	97.03 5.49 0.01	87.34 5.10 0.01	78.30 2.94 0.01	66.02 2.05 0.01	59.38 2.56 0.00
ASTORIA_GT_12 24226	50.84 3.28 0.00	46.77 2.90 0.00	41.95 2.63 0.00	40.64 2.48 0.00	41.01 2.43 0.00	42.80 2.61 0.00	44.79 3.16 -0.01	51.71 3.02 0.00	56.48 2.94 0.00	57.88 2.97 0.00	60.17 3.03 0.00	63.91 3.04 0.00	69.72 3.38 0.00	79.18 3.91 0.01	86.60 5.21 0.00	87.09 6.00 0.00	100.37 6.83 0.00	114.10 7.86 0.00	107.60 6.38 0.01	97.03 5.49 0.01	87.34 5.10 0.01	78.30 2.94 0.01	66.02 2.05 0.01	59.38 2.56 0.00
ASTORIA_GT_13 24227	50.84 3.28 0.00	46.77 2.90 0.00	41.95 2.63 0.00	40.64 2.48 0.00	41.01 2.43 0.00	42.80 2.61 0.00	44.79 3.16 -0.01	51.71 3.02 0.00	56.48 2.94 0.00	57.88 2.97 0.00	60.17 3.03 0.00	63.91 3.04 0.00	69.72 3.38 0.00	79.18 3.91 0.01	86.60 5.21 0.00	87.09 6.00 0.00	100.37 6.83 0.00	114.10 7.86 0.00	107.60 6.38 0.01	97.03 5.49 0.01	87.34 5.10 0.01	78.30 2.94 0.01	66.02 2.05 0.01	59.38 2.56 0.00
ASTORIA_GT_5 24106	51.18 3.61 -0.01	47.09 3.20 -0.01	42.23 2.91 -0.01	40.87 2.71 -0.01	41.25 2.66 -0.01	43.04 2.85 0.00	45.04 3.41 -0.01	51.85 3.16 0.00	56.48 2.94 0.00	57.99 3.08 0.00	60.12 2.97 0.00	64.03 3.16 0.00	69.99 3.65 0.00	79.55 4.29 0.01	87.09 5.70 0.00	87.66 6.57 -0.01	101.33 7.58 -0.21	115.36 8.71 -0.41	108.42 6.88 -0.31	97.57 6.04 0.01	87.93 5.68 -0.01	78.75 3.39 0.01	66.34 2.37 0.01	59.61 2.78 0.00
ASTORIA_GT_7 24107	51.18 3.61 -0.01	47.09 3.20 -0.01	42.23 2.91 -0.01	40.87 2.71 -0.01	41.25 2.66 -0.01	43.04 2.85 0.00	45.04 3.41 -0.01	51.85 3.16 0.00	56.48 2.94 0.00	57.99 3.08 0.00	60.12 2.97 0.00	64.03 3.16 0.00	69.99 3.65 0.00	79.55 4.29 0.01	87.09 5.70 0.00	87.66 6.57 -0.01	101.33 7.58 -0.21	115.36 8.71 -0.41	108.42 6.88 -0.31	97.57 6.04 0.01	87.93 5.68 -0.01	78.75 3.39 0.01	66.34 2.37 0.01	59.61 2.78 0.00
ASTORIA_GT_8 24108	51.18 3.61 -0.01	47.09 3.20 -0.01	42.23 2.91 -0.01	40.87 2.71 -0.01	41.25 2.66 -0.01	43.04 2.85 0.00	45.04 3.41 -0.01	51.85 3.16 0.00	56.48 2.94 0.00	57.99 3.08 0.00	60.12 2.97 0.00	64.03 3.16 0.00	69.99 3.65 0.00	79.55 4.29 0.01	87.09 5.70 0.00	87.66 6.57 -0.01	101.33 7.58 -0.21	115.36 8.71 -0.41	108.42 6.88 -0.31	97.57 6.04 0.01	87.93 5.68 -0.01	78.75 3.39 0.01	66.34 2.37 0.01	59.61 2.78 0.00
ASTORIA___2 24149	51.03 3.47 -0.01	46.96 3.07 -0.01	42.15 2.83 -0.01	40.79 2.63 -0.01	41.17 2.58 -0.01	42.96 2.77 0.00	44.96 3.33 -0.01	51.76 3.07 0.00	56.32 2.78 0.00	57.82 2.91 0.00	59.95 2.80 0.00	63.84 2.98 0.00	69.79 3.45 0.00	79.33 4.06 0.01	86.85 5.45 0.00	87.34 6.24 -0.01	100.96 7.20 -0.21	114.94 8.29 -0.41	108.21 6.68 -0.31	97.21 5.68 0.01	87.60 5.34 -0.01	78.52 3.16 0.01	66.15 2.18 0.01	59.61 2.78 0.00
ASTORIA___3 23516	50.83 3.28 0.00	46.77 2.90 0.00	41.95 2.63 0.00	40.63 2.48 0.00	40.97 2.39 0.00	42.80 2.61 0.00	44.79 3.16 -0.01	51.71 3.02 0.00	56.48 2.94 0.00	57.88 2.96 0.00	60.17 3.03 0.00	63.90 3.04 0.00	69.72 3.38 0.00	79.18 3.91 0.01	86.68 5.29 0.00	87.00 5.92 0.00	100.37 6.83 0.00	114.10 7.86 0.00	107.60 6.38 0.01	96.93 5.40 0.01	87.34 5.10 0.01	78.22 2.86 0.01	66.02 2.05 0.01	59.38 2.56 0.00
ASTORIA___4 23517	50.84 3.28 0.00	46.77 2.90 0.00	41.95 2.63 0.00	40.64 2.48 0.00	41.01 2.43 0.00	42.80 2.61 0.00	44.79 3.16 -0.01	51.71 3.02 0.00	56.48 2.94 0.00	57.88 2.97 0.00	60.17 3.03 0.00	63.91 3.04 0.00	69.72 3.38 0.00	79.18 3.91 0.01	86.60 5.21 0.00	87.09 6.00 0.00	100.37 6.83 0.00	114.10 7.86 0.00	107.60 6.38 0.01	97.03 5.49 0.01	87.34 5.10 0.01	78.30 2.94 0.01	66.02 2.05 0.01	59.38 2.56 0.00
ASTORIA___5 23518	50.83 3.28 0.00	46.77 2.90 0.00	41.95 2.63 0.00	40.63 2.48 0.00	40.97 2.39 0.00	42.80 2.61 0.00	44.79 3.16 -0.01	51.71 3.02 0.00	56.48 2.94 0.00	57.93 3.02 0.00	60.17 3.03 0.00	63.90 3.04 0.00	69.72 3.38 0.00	79.18 3.91 0.01	86.68 5.29 0.00	87.00 5.92 0.00	100.37 6.83 0.00	114.10 7.86 0.00	107.60 6.38 0.01	96.93 5.40 0.01	87.34 5.10 0.01	78.22 2.86 0.01	66.02 2.05 0.01	59.44 2.62 0.00
AST_ENERGY_2_CC3 323677	37.33 3.05 13.27	37.33 2.63 9.18	37.33 2.40 4.38	37.33 2.25 3.08	37.33 2.20 3.44	37.33 2.37 5.23	37.33 2.91 7.21	37.33 2.92 14.28	37.33 2.94 19.15	37.33 3.02 20.60	38.19 3.08 22.04	38.19 3.10 25.77	43.62 3.65 26.36	59.29 4.14 20.11	67.72 5.45 19.13	67.96 6.00 19.13	81.34 6.92 19.13	87.25 7.97 26.96	87.19 6.68 20.72	77.09 5.68 20.13	67.47 5.34 20.12	59.33 3.09 19.13	39.68 2.24 26.54	38.19 2.62 21.25
AST_ENERGY_2_CC4 323678	37.33 3.05 13.27	37.33 2.63 9.18	37.33 2.40 4.38	37.33 2.25 3.08	37.33 2.20 3.44	37.33 2.37 5.23	37.33 2.91 7.21	37.33 2.92 14.28	37.33 2.94 19.15	37.33 3.02 20.60	38.19 3.08 22.04	38.19 3.10 25.77	43.62 3.65 26.36	59.29 4.14 20.11	67.72 5.45 19.13	67.96 6.00 19.13	81.34 6.92 19.13	87.25 7.97 26.96	87.19 6.68 20.72	77.09 5.68 20.13	67.47 5.34 20.12	59.33 3.09 19.13	39.68 2.24 26.54	38.19 2.62 21.25

ATHENS_STG_1 23668	48.88 1.33 0.00	45.02 1.14 0.00	40.41 1.10 0.00	39.34 1.18 0.00	39.77 1.20 0.00	41.43 1.25 0.00	42.92 1.29 0.00	49.86 1.17 0.00	54.66 1.13 0.00	56.01 1.10 0.00	58.23 1.08 0.00	61.90 1.03 0.00	67.66 1.33 0.00	76.85 1.58 0.00	83.59 2.20 0.00	83.35 2.27 0.00	96.26 2.71 0.00	109.33 3.08 0.00	104.06 2.83 0.00	94.10 2.56 0.00	84.80 2.55 0.00	76.79 1.43 0.00	64.94 0.96 0.00	57.96 1.14 0.00
ATHENS_STG_2 23670	48.88 1.33 0.00	45.02 1.14 0.00	40.41 1.10 0.00	39.34 1.18 0.00	39.77 1.20 0.00	41.43 1.25 0.00	42.92 1.29 0.00	49.86 1.17 0.00	54.66 1.13 0.00	56.01 1.10 0.00	58.23 1.08 0.00	61.90 1.03 0.00	67.66 1.33 0.00	76.85 1.58 0.00	83.59 2.20 0.00	83.35 2.27 0.00	96.26 2.71 0.00	109.33 3.08 0.00	104.06 2.83 0.00	94.10 2.56 0.00	84.80 2.55 0.00	76.79 1.43 0.00	64.94 0.96 0.00	57.96 1.14 0.00
ATHENS_STG_3 23677	48.88 1.33 0.00	45.02 1.14 0.00	40.41 1.10 0.00	39.34 1.18 0.00	39.77 1.20 0.00	41.43 1.25 0.00	42.92 1.29 0.00	49.86 1.17 0.00	54.66 1.13 0.00	56.01 1.10 0.00	58.23 1.08 0.00	61.90 1.03 0.00	67.66 1.33 0.00	76.85 1.58 0.00	83.59 2.20 0.00	83.35 2.27 0.00	96.26 2.71 0.00	109.33 3.08 0.00	104.06 2.83 0.00	94.10 2.56 0.00	84.80 2.55 0.00	76.79 1.43 0.00	64.94 0.96 0.00	57.96 1.14 0.00
AUBURN____LFGE 323710	48.55 1.00 0.00	44.84 0.97 0.00	40.06 0.75 0.00	38.61 0.46 0.00	39.00 0.42 0.00	40.63 0.44 0.00	42.08 0.46 0.00	48.98 0.29 0.00	54.12 0.59 0.00	55.52 0.60 0.00	57.95 0.80 0.00	61.90 1.03 0.00	67.86 1.53 0.00	77.23 1.96 0.00	83.02 1.63 0.00	82.63 1.54 0.00	95.14 1.59 0.00	108.54 1.91 -0.39	103.35 2.13 0.00	94.38 2.84 0.00	84.71 2.47 0.00	77.40 2.03 0.00	65.58 1.60 0.00	58.41 1.59 0.00
BABYLON_RES_REC 323704	51.50 3.94 0.00	47.66 3.77 -0.01	42.69 3.38 0.00	41.24 3.09 0.00	41.74 3.16 0.00	43.57 3.38 -0.01	45.50 3.87 -0.01	52.05 3.36 0.00	55.35 2.03 0.22	55.70 1.48 0.70	58.95 1.88 0.08	62.66 2.01 0.20	68.79 2.66 0.20	77.69 2.71 0.29	85.15 3.99 0.23	85.87 4.78 0.00	98.73 5.71 0.52	112.70 7.54 1.09	106.98 6.58 0.82	96.21 4.67 0.00	85.44 3.20 0.01	75.27 1.36 1.45	62.64 1.02 2.35	56.65 1.14 1.31
BALL_HILL_WT_PWR 323825	49.36 1.81 0.00	46.33 2.46 0.00	41.04 1.73 0.00	38.99 0.84 0.00	38.96 0.39 0.00	40.59 0.40 0.00	41.83 0.21 0.00	47.66 -1.02 0.00	53.38 -0.16 0.00	55.58 0.66 0.00	57.89 0.74 0.00	62.56 1.70 0.00	69.39 3.05 0.00	78.96 3.69 0.00	84.24 2.85 0.00	83.19 2.10 0.00	95.89 2.34 0.00	107.52 1.28 0.00	103.15 1.92 0.00	95.47 3.93 0.00	85.29 3.04 0.00	78.53 3.16 0.00	66.98 3.01 0.00	61.26 4.44 0.00
BARON_WINDS____WT_PWR 323822	49.31 1.76 0.00	45.85 1.98 0.00	40.89 1.57 0.00	39.15 0.99 0.00	39.23 0.66 0.00	40.87 0.68 0.00	42.21 0.58 0.00	48.35 -0.34 0.00	53.54 0.00 0.00	55.19 0.28 0.00	57.43 0.29 0.00	61.83 0.97 0.00	68.19 1.85 0.00	77.61 2.34 0.00	83.18 1.79 0.00	82.38 1.29 0.00	94.95 1.41 0.00	107.30 1.06 0.00	102.95 1.72 0.00	95.02 3.48 0.00	85.54 3.29 0.00	78.60 3.24 0.00	66.79 2.81 0.00	60.40 3.58 0.00
BARRETT_IC_1 23704	51.17 3.61 0.00	47.22 3.33 -0.01	42.38 3.07 0.00	40.98 2.82 0.00	41.43 2.85 0.00	43.25 3.05 -0.01	45.17 3.54 -0.01	51.66 2.97 0.00	55.39 1.87 0.02	56.63 1.76 0.04	59.37 2.23 0.00	63.23 2.37 0.00	69.33 2.99 0.00	78.66 3.39 0.00	86.11 4.72 0.00	86.35 5.27 0.00	100.84 6.17 -1.12	116.16 7.65 -2.26	109.57 6.58 -1.77	96.76 5.22 0.00	86.19 3.95 0.01	77.33 2.04 0.07	67.28 1.66 -1.64	58.47 1.70 0.05
BARRETT_IC_10 23701	51.17 3.61 0.00	47.22 3.33 -0.01	42.38 3.07 0.00	40.98 2.82 0.00	41.43 2.85 0.00	43.25 3.05 -0.01	45.17 3.54 -0.01	51.66 2.97 0.00	55.39 1.87 0.02	56.63 1.76 0.04	59.37 2.23 0.00	63.23 2.37 0.00	69.33 2.99 0.00	78.66 3.39 0.00	86.11 4.72 0.00	86.35 5.27 0.00	85.91 6.17 13.81	85.91 7.65 27.99	85.91 6.58 21.89	96.76 5.22 0.00	86.19 3.95 0.01	77.33 2.04 0.07	67.28 1.66 -1.64	58.47 1.70 0.05
BARRETT_IC_11 23702	51.17 3.61 0.00	47.22 3.33 -0.01	42.38 3.07 0.00	40.98 2.82 0.00	41.43 2.85 0.00	43.25 3.05 -0.01	45.17 3.54 -0.01	51.66 2.97 0.00	55.39 1.87 0.02	56.63 1.76 0.04	59.37 2.23 0.00	63.23 2.37 0.00	69.33 2.99 0.00	78.66 3.39 0.00	86.11 4.72 0.00	86.35 5.27 0.00	85.91 6.17 13.81	85.91 7.65 27.99	85.91 6.58 21.89	96.76 5.22 0.00	86.19 3.95 0.01	77.33 2.04 0.07	67.28 1.66 -1.64	58.47 1.70 0.05
BARRETT_IC_12 23703	51.17 3.61 0.00	47.22 3.33 -0.01	42.38 3.07 0.00	40.98 2.82 0.00	41.43 2.85 0.00	43.25 3.05 -0.01	45.17 3.54 -0.01	51.66 2.97 0.00	55.39 1.87 0.02	56.63 1.76 0.04	59.37 2.23 0.00	63.23 2.37 0.00	69.33 2.99 0.00	78.66 3.39 0.00	86.11 4.72 0.00	86.35 5.27 0.00	85.91 6.17 13.81	85.91 7.65 27.99	85.91 6.58 21.89	96.76 5.22 0.00	86.19 3.95 0.01	77.33 2.04 0.07	67.28 1.66 -1.64	58.47 1.70 0.05
BARRETT_IC_2 23705	51.17 3.61 0.00	47.22 3.33 -0.01	42.38 3.07 0.00	40.98 2.82 0.00	41.43 2.85 0.00	43.25 3.05 -0.01	45.17 3.54 -0.01	51.66 2.97 0.00	55.39 1.87 0.02	56.63 1.76 0.04	59.37 2.23 0.00	63.23 2.37 0.00	69.33 2.99 0.00	78.66 3.39 0.00	86.11 4.72 0.00	86.35 5.27 0.00	100.84 6.17 -1.12	116.16 7.65 -2.26	109.57 6.58 -1.77	96.76 5.22 0.00	86.19 3.95 0.01	77.33 2.04 0.07	67.28 1.66 -1.64	58.47 1.70 0.05
BARRETT_IC_3 23706	51.17 3.61 0.00	47.22 3.33 -0.01	42.38 3.07 0.00	40.98 2.82 0.00	41.43 2.85 0.00	43.25 3.05 -0.01	45.17 3.54 -0.01	51.66 2.97 0.00	55.39 1.87 0.02	56.63 1.76 0.04	59.37 2.23 0.00	63.23 2.37 0.00	69.33 2.99 0.00	78.66 3.39 0.00	86.11 4.72 0.00	86.35 5.27 0.00	100.84 6.17 -1.12	116.16 7.65 -2.26	109.57 6.58 -1.77	96.76 5.22 0.00	86.19 3.95 0.01	77.33 2.04 0.07	67.28 1.66 -1.64	58.47 1.70 0.05
BARRETT_IC_4 23707	51.17 3.61 0.00	47.22 3.33 -0.01	42.38 3.07 0.00	40.98 2.82 0.00	41.43 2.85 0.00	43.25 3.05 -0.01	45.17 3.54 -0.01	51.66 2.97 0.00	55.39 1.87 0.02	56.63 1.76 0.04	59.37 2.23 0.00	63.23 2.37 0.00	69.33 2.99 0.00	78.66 3.39 0.00	86.11 4.72 0.00	86.35 5.27 0.00	100.84 6.17 -1.12	116.16 7.65 -2.26	109.57 6.58 -1.77	96.76 5.22 0.00	86.19 3.95 0.01	77.33 2.04 0.07	67.28 1.66 -1.64	58.47 1.70 0.05
BARRETT_IC_5 23708	51.17 3.61 0.00	47.22 3.33 -0.01	42.38 3.07 0.00	40.98 2.82 0.00	41.43 2.85 0.00	43.25 3.05 -0.01	45.17 3.54 -0.01	51.66 2.97 0.00	55.39 1.87 0.02	56.63 1.76 0.04	59.37 2.23 0.00	63.23 2.37 0.00	69.33 2.99 0.00	78.66 3.39 0.00	86.11 4.72 0.00	86.35 5.27 0.00	100.84 6.17 -1.12	116.16 7.65 -2.26	109.57 6.58 -1.77	96.76 5.22 0.00	86.19 3.95 0.01	77.33 2.04 0.07	67.28 1.66 -1.64	58.47 1.70 0.05

BARRETT_IC_6 23709	51.17 3.61 0.00	47.22 3.33 -0.01	42.38 3.07 0.00	40.98 2.82 0.00	41.43 2.85 0.00	43.25 3.05 -0.01	45.17 3.54 -0.01	51.66 2.97 0.00	55.39 1.87 0.02	56.63 1.76 0.04	59.37 2.23 0.00	63.23 2.37 0.00	69.33 2.99 0.00	78.66 3.39 0.00	86.11 4.72 0.00	86.35 5.27 0.00	100.84 6.17 -1.12	116.16 7.65 -2.26	109.57 6.58 -1.77	96.76 5.22 0.00	86.19 3.95 0.01	77.33 2.04 0.07	67.28 1.66 -1.64	58.47 1.70 0.05
BARRETT_IC_7 23710	51.31 3.76 0.00	47.21 3.33 0.00	42.38 3.07 0.00	40.98 2.82 0.00	41.43 2.85 0.00	43.24 3.05 0.00	45.16 3.54 0.00	51.66 2.97 0.00	55.61 2.09 0.02	56.63 1.76 0.04	59.37 2.23 0.00	63.24 2.37 0.00	69.32 2.99 0.00	78.66 3.39 0.00	86.03 4.64 0.00	86.36 5.27 0.00	101.02 6.36 -1.12	116.16 7.65 -2.26	109.58 6.58 -1.77	96.76 5.22 0.00	86.19 3.95 0.01	77.40 2.11 0.07	67.28 1.66 -1.64	58.59 1.82 0.05
BARRETT_IC_8 23711	51.17 3.61 0.00	47.22 3.33 -0.01	42.38 3.07 0.00	40.98 2.82 0.00	41.43 2.85 0.00	43.25 3.05 -0.01	45.17 3.54 -0.01	51.66 2.97 0.00	55.39 1.87 0.02	56.63 1.76 0.04	59.37 2.23 0.00	63.23 2.37 0.00	69.33 2.99 0.00	78.66 3.39 0.00	86.11 4.72 0.00	86.35 5.27 0.00	100.84 6.17 -1.12	116.16 7.65 -2.26	109.57 6.58 -1.77	96.76 5.22 0.00	86.19 3.95 0.01	77.33 2.04 0.07	67.28 1.66 -1.64	58.47 1.70 0.05
BARRETT_IC_9 23700	51.17 3.61 0.00	47.22 3.33 -0.01	42.38 3.07 0.00	40.98 2.82 0.00	41.43 2.85 0.00	43.25 3.05 -0.01	45.17 3.54 -0.01	51.66 2.97 0.00	55.39 1.87 0.02	56.63 1.76 0.04	59.37 2.23 0.00	63.23 2.37 0.00	69.33 2.99 0.00	78.66 3.39 0.00	86.11 4.72 0.00	86.35 5.27 0.00	85.91 6.17 13.81	85.91 7.65 27.99	85.91 6.58 21.89	96.76 5.22 0.00	86.19 3.95 0.01	77.33 2.04 0.07	67.28 1.66 -1.64	58.47 1.70 0.05
BARRETT___1 23545	51.17 3.61 0.00	47.22 3.33 -0.01	42.38 3.07 0.00	40.98 2.82 0.00	41.43 2.85 0.00	43.25 3.05 -0.01	45.17 3.54 -0.01	51.66 2.97 0.00	55.39 1.87 0.02	56.63 1.76 0.04	59.37 2.23 0.00	63.23 2.37 0.00	69.33 2.99 0.00	78.66 3.39 0.00	86.11 4.72 0.00	86.35 5.27 0.00	100.84 6.17 -1.12	116.16 7.65 -2.26	109.57 6.58 -1.77	96.76 5.22 0.00	86.19 3.95 0.01	77.33 2.04 0.07	67.28 1.66 -1.64	58.47 1.70 0.05
BARRETT___2 23546	51.17 3.61 0.00	47.22 3.33 -0.01	42.38 3.07 0.00	40.98 2.82 0.00	41.43 2.85 0.00	43.25 3.05 -0.01	45.17 3.54 -0.01	51.66 2.97 0.00	55.39 1.87 0.02	56.63 1.76 0.04	59.37 2.23 0.00	63.23 2.37 0.00	69.33 2.99 0.00	78.66 3.39 0.00	86.11 4.72 0.00	86.35 5.27 0.00	85.91 6.17 13.81	85.91 7.65 27.99	85.91 6.58 21.89	96.76 5.22 0.00	86.19 3.95 0.01	77.33 2.04 0.07	67.28 1.66 -1.64	58.47 1.70 0.05
BATAVIA__115KV_TB1 55881	49.88 2.33 0.00	46.82 2.94 0.00	41.40 2.08 0.00	39.34 1.18 0.00	39.42 0.85 0.00	41.03 0.84 0.00	42.21 0.58 0.00	48.20 -0.49 0.00	53.80 0.27 0.00	55.85 0.93 0.00	58.35 1.20 0.00	62.45 1.58 0.00	69.39 3.05 0.00	78.81 3.54 0.00	83.59 2.20 0.00	83.03 1.95 0.00	95.70 2.15 0.00	108.26 2.02 0.00	103.86 2.63 0.00	95.93 4.39 0.00	85.78 3.54 0.00	78.61 3.24 0.00	67.11 3.13 0.00	61.14 4.32 0.00
BAYONEEC___CTG1 323682	50.64 3.09 0.00	46.60 2.72 0.00	41.79 2.48 0.00	40.44 2.29 0.00	40.81 2.24 0.00	42.64 2.45 0.00	44.58 2.96 0.00	51.66 2.97 0.00	56.53 3.00 0.00	57.99 3.07 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.98 3.65 0.00	79.48 4.21 0.00	86.85 5.45 0.00	87.09 6.00 0.00	100.47 6.92 0.00	114.31 8.07 0.00	108.01 6.78 0.00	97.31 5.77 0.00	87.67 5.43 0.00	78.46 3.09 0.00	66.28 2.30 0.00	59.49 2.67 0.00
BAYONEEC___CTG10 323750	50.64 3.09 0.00	46.60 2.72 0.00	41.79 2.48 0.00	40.44 2.29 0.00	40.81 2.24 0.00	42.64 2.45 0.00	44.58 2.96 0.00	51.66 2.97 0.00	56.53 3.00 0.00	57.99 3.07 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.98 3.65 0.00	79.48 4.21 0.00	86.85 5.45 0.00	87.09 6.00 0.00	100.47 6.92 0.00	114.31 8.07 0.00	108.01 6.78 0.00	97.31 5.77 0.00	87.67 5.43 0.00	78.46 3.09 0.00	66.28 2.30 0.00	59.49 2.67 0.00
BAYONEEC___CTG2 323683	50.64 3.09 0.00	46.60 2.72 0.00	41.79 2.48 0.00	40.44 2.29 0.00	40.81 2.24 0.00	42.64 2.45 0.00	44.58 2.96 0.00	51.66 2.97 0.00	56.53 3.00 0.00	57.99 3.07 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.98 3.65 0.00	79.48 4.21 0.00	86.85 5.45 0.00	87.09 6.00 0.00	100.47 6.92 0.00	114.31 8.07 0.00	108.01 6.78 0.00	97.31 5.77 0.00	87.67 5.43 0.00	78.46 3.09 0.00	66.28 2.30 0.00	59.49 2.67 0.00
BAYONEEC___CTG3 323684	50.64 3.09 0.00	46.60 2.72 0.00	41.79 2.48 0.00	40.44 2.29 0.00	40.81 2.24 0.00	42.64 2.45 0.00	44.58 2.96 0.00	51.66 2.97 0.00	56.53 3.00 0.00	57.99 3.07 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.98 3.65 0.00	79.48 4.21 0.00	86.85 5.45 0.00	87.09 6.00 0.00	100.47 6.92 0.00	114.31 8.07 0.00	108.01 6.78 0.00	97.31 5.77 0.00	87.67 5.43 0.00	78.46 3.09 0.00	66.28 2.30 0.00	59.49 2.67 0.00
BAYONEEC___CTG4 323685	50.64 3.09 0.00	46.60 2.72 0.00	41.79 2.48 0.00	40.44 2.29 0.00	40.81 2.24 0.00	42.64 2.45 0.00	44.58 2.96 0.00	51.66 2.97 0.00	56.53 3.00 0.00	57.99 3.07 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.98 3.65 0.00	79.48 4.21 0.00	86.85 5.45 0.00	87.09 6.00 0.00	100.47 6.92 0.00	114.31 8.07 0.00	108.01 6.78 0.00	97.31 5.77 0.00	87.67 5.43 0.00	78.46 3.09 0.00	66.28 2.30 0.00	59.49 2.67 0.00
BAYONEEC___CTG5 323686	50.64 3.09 0.00	46.60 2.72 0.00	41.79 2.48 0.00	40.44 2.29 0.00	40.81 2.24 0.00	42.64 2.45 0.00	44.58 2.96 0.00	51.66 2.97 0.00	56.53 3.00 0.00	57.99 3.07 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.98 3.65 0.00	79.48 4.21 0.00	86.85 5.45 0.00	87.09 6.00 0.00	100.47 6.92 0.00	114.31 8.07 0.00	108.01 6.78 0.00	97.31 5.77 0.00	87.67 5.43 0.00	78.46 3.09 0.00	66.28 2.30 0.00	59.49 2.67 0.00
BAYONEEC___CTG6 323687	50.64 3.09 0.00	46.60 2.72 0.00	41.79 2.48 0.00	40.44 2.29 0.00	40.81 2.24 0.00	42.64 2.45 0.00	44.58 2.96 0.00	51.66 2.97 0.00	56.53 3.00 0.00	57.99 3.07 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.98 3.65 0.00	79.48 4.21 0.00	86.85 5.45 0.00	87.09 6.00 0.00	100.47 6.92 0.00	114.31 8.07 0.00	108.01 6.78 0.00	97.31 5.77 0.00	87.67 5.43 0.00	78.46 3.09 0.00	66.28 2.30 0.00	59.49 2.67 0.00
BAYONEEC___CTG7 323688	50.64 3.09 0.00	46.60 2.72 0.00	41.79 2.48 0.00	40.44 2.29 0.00	40.81 2.24 0.00	42.64 2.45 0.00	44.58 2.96 0.00	51.66 2.97 0.00	56.53 3.00 0.00	57.99 3.07 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.98 3.65 0.00	79.48 4.21 0.00	86.85 5.45 0.00	87.09 6.00 0.00	100.47 6.92 0.00	114.31 8.07 0.00	108.01 6.78 0.00	97.31 5.77 0.00	87.67 5.43 0.00	78.46 3.09 0.00	66.28 2.30 0.00	59.49 2.67 0.00

BAYONEEC___CTG8 323689	50.64 3.09 0.00	46.60 2.72 0.00	41.79 2.48 0.00	40.44 2.29 0.00	40.81 2.24 0.00	42.64 2.45 0.00	44.58 2.96 0.00	51.66 2.97 0.00	56.53 3.00 0.00	57.99 3.07 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.98 3.65 0.00	79.48 4.21 0.00	86.85 5.45 0.00	87.09 6.00 0.00	100.47 6.92 0.00	114.31 8.07 0.00	108.01 6.78 0.00	97.31 5.77 0.00	87.67 5.43 0.00	78.46 3.09 0.00	66.28 2.30 0.00	59.49 2.67 0.00
BAYONEEC___CTG9 323749	50.64 3.09 0.00	46.60 2.72 0.00	41.79 2.48 0.00	40.44 2.29 0.00	40.81 2.24 0.00	42.64 2.45 0.00	44.58 2.96 0.00	51.66 2.97 0.00	56.53 3.00 0.00	57.99 3.07 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.98 3.65 0.00	79.48 4.21 0.00	86.85 5.45 0.00	87.09 6.00 0.00	100.47 6.92 0.00	114.31 8.07 0.00	108.01 6.78 0.00	97.31 5.77 0.00	87.67 5.43 0.00	78.46 3.09 0.00	66.28 2.30 0.00	59.49 2.67 0.00
BEACON___LESR 323632	48.36 0.81 0.00	44.54 0.66 0.00	39.98 0.67 0.00	38.84 0.69 0.00	39.31 0.73 0.00	40.95 0.76 0.00	42.46 0.83 0.00	49.32 0.63 0.00	54.13 0.59 0.00	55.47 0.55 0.00	57.66 0.51 0.00	61.35 0.48 0.00	66.81 0.47 0.00	76.02 0.75 0.00	82.69 1.30 0.00	82.30 1.22 0.00	95.04 1.49 0.00	108.16 1.91 0.00	103.56 2.33 0.00	93.55 2.01 0.00	84.34 2.13 0.04	76.50 1.13 0.00	64.62 0.64 0.00	57.45 0.63 0.00
BEAVER RIVER___HYD 24048	48.98 1.43 0.00	45.10 1.23 0.00	40.30 0.98 0.00	39.11 0.95 0.00	39.54 0.96 0.00	41.39 1.20 0.00	43.04 1.42 0.00	50.54 1.85 0.00	56.00 2.46 0.00	57.28 2.36 0.00	59.37 2.23 0.00	63.12 2.25 0.00	68.79 2.46 0.00	78.20 2.93 0.00	83.34 1.95 0.00	82.95 1.87 0.00	95.89 2.34 0.00	109.71 3.18 -0.28	105.17 3.94 0.00	95.93 4.39 0.00	85.62 3.37 0.00	78.60 3.24 0.00	66.28 2.30 0.00	58.81 1.99 0.00
BEEBEE_GT_13 23619	48.93 1.38 0.00	45.68 1.80 0.00	40.49 1.18 0.00	38.73 0.57 0.00	38.92 0.35 0.00	40.47 0.28 0.00	41.87 3.58 0.00	48.20 3.21 0.00	53.70 3.27 0.00	55.58 3.40 0.00	58.12 3.49 0.00	62.14 3.59 0.00	68.73 3.98 0.00	77.90 4.59 0.00	83.10 6.02 0.00	82.54 6.89 0.00	95.14 7.86 0.00	107.62 9.03 0.00	102.85 7.39 0.00	94.47 6.41 0.00	84.47 6.09 0.00	77.47 3.84 0.00	65.90 2.62 0.00	59.61 3.07 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.41 3.85 -0.01	47.31 3.42 -0.01	42.39 3.07 -0.01	41.03 2.86 -0.01	41.39 2.82 0.00	43.20 3.01 0.00	45.21 3.58 -0.01	51.90 3.21 0.00	56.80 3.27 0.00	58.32 3.40 0.00	60.63 3.49 0.00	64.45 3.59 0.00	70.32 3.98 0.00	79.86 4.59 0.01	87.41 6.02 0.00	87.98 6.89 0.00	101.40 7.86 0.00	115.27 9.03 0.00	108.61 7.39 0.01	97.94 6.41 0.01	88.33 6.09 0.01	79.20 3.84 0.01	66.59 2.62 0.01	59.89 3.07 0.00
BETHLEHEM___GRP 23843	47.65 0.10 0.00	43.92 0.04 0.00	39.43 0.12 0.00	38.35 0.19 0.00	38.81 0.23 0.00	40.39 0.20 0.00	41.87 0.25 0.00	48.64 -0.05 0.00	53.32 -0.21 0.00	54.64 -0.27 0.00	56.80 -0.34 0.00	60.44 -0.43 0.00	65.87 -0.46 0.00	74.82 -0.45 0.00	81.39 0.00 0.00	81.17 0.08 0.00	93.64 0.09 0.00	106.45 0.21 0.00	101.73 0.51 0.00	92.00 0.46 0.00	82.87 0.66 0.03	75.21 -0.15 0.00	63.53 -0.45 0.00	56.54 -0.28 0.00
BETHLEHEM___GS1 323560	47.65 0.10 0.00	43.92 0.04 0.00	39.43 0.12 0.00	38.35 0.19 0.00	38.81 0.23 0.00	40.39 0.20 0.00	41.87 0.25 0.00	48.64 -0.05 0.00	53.38 -0.16 0.00	54.64 -0.27 0.00	56.81 -0.34 0.00	60.37 -0.49 0.00	65.88 -0.46 0.00	74.82 -0.45 0.00	81.39 0.00 0.00	81.09 0.00 0.00	93.64 0.09 0.00	106.46 0.21 0.00	101.74 0.51 0.00	91.91 0.37 0.00	82.87 0.65 0.03	75.14 -0.23 0.00	63.53 -0.44 0.00	56.54 -0.28 0.00
BETHLEHEM___GS2 323561	47.65 0.10 0.00	43.92 0.04 0.00	39.43 0.12 0.00	38.35 0.19 0.00	38.81 0.23 0.00	40.39 0.20 0.00	41.87 0.25 0.00	48.64 -0.05 0.00	53.38 -0.16 0.00	54.64 -0.27 0.00	56.81 -0.34 0.00	60.37 -0.49 0.00	65.88 -0.46 0.00	74.82 -0.45 0.00	81.39 0.00 0.00	81.09 0.00 0.00	93.64 0.09 0.00	106.46 0.21 0.00	101.74 0.51 0.00	91.91 0.37 0.00	82.87 0.65 0.03	75.14 -0.23 0.00	63.53 -0.44 0.00	56.54 -0.28 0.00
BETHLEHEM___GS3 323562	47.65 0.10 0.00	43.92 0.04 0.00	39.43 0.12 0.00	38.35 0.19 0.00	38.81 0.23 0.00	40.39 0.20 0.00	41.87 0.25 0.00	48.64 -0.05 0.00	53.38 -0.16 0.00	54.64 -0.27 0.00	56.81 -0.34 0.00	60.37 -0.49 0.00	65.88 -0.46 0.00	74.82 -0.45 0.00	81.39 0.00 0.00	81.09 0.00 0.00	93.64 0.09 0.00	106.46 0.21 0.00	101.74 0.51 0.00	91.91 0.37 0.00	82.87 0.65 0.03	75.14 -0.23 0.00	63.53 -0.44 0.00	56.54 -0.28 0.00
BETHLEHEM___STEEL 23779	49.03 1.47 0.00	46.16 2.28 0.00	40.89 1.57 0.00	38.84 0.69 0.00	38.77 0.19 0.00	40.43 0.24 0.00	41.62 0.00 0.00	47.37 -1.31 0.00	53.11 -0.43 0.00	55.30 0.38 0.00	57.60 0.46 0.00	62.08 1.22 0.00	68.99 2.65 0.00	78.51 3.24 0.00	83.18 1.79 0.00	82.63 1.54 0.00	95.23 1.68 0.00	106.77 0.53 0.00	102.44 1.21 0.00	94.74 3.20 0.00	84.71 2.47 0.00	77.55 2.19 0.00	66.60 2.62 0.00	60.97 4.15 0.00
BETHLHEM_115KV_TB1 79974	47.79 0.24 0.00	44.05 0.18 0.00	39.55 0.24 0.00	38.46 0.31 0.00	38.92 0.35 0.00	40.51 0.32 0.00	42.00 0.37 0.00	48.79 0.10 0.00	53.48 -0.05 0.00	54.81 -0.11 0.00	56.97 -0.17 0.00	60.62 -0.24 0.00	66.07 -0.27 0.00	75.04 -0.23 0.00	81.64 0.24 0.00	81.33 0.24 0.00	93.92 0.37 0.00	106.77 0.53 0.00	101.94 0.71 0.00	92.18 0.64 0.00	83.12 0.90 0.03	75.44 0.08 0.00	63.72 -0.26 0.00	56.71 -0.11 0.00
BETHPAGE_CC_5 323564	51.27 3.71 0.00	47.44 3.55 -0.01	42.54 3.22 0.00	41.09 2.94 0.00	41.59 3.01 0.00	43.41 3.22 -0.01	45.33 3.70 -0.01	51.76 3.07 0.00	55.16 1.82 0.20	56.08 1.81 0.64	59.32 2.23 0.06	63.16 2.44 0.14	69.19 2.99 0.14	78.46 3.39 0.20	85.96 4.72 0.16	86.52 5.43 0.00	99.54 6.45 0.45	113.48 8.18 0.95	107.59 7.08 0.72	96.85 5.31 0.00	86.11 3.87 0.01	75.99 1.96 1.33	63.25 1.35 2.07	57.04 1.42 1.20
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	49.08 1.52 0.00	46.16 2.28 0.00	40.92 1.61 0.00	38.84 0.69 0.00	38.81 0.23 0.00	40.43 0.24 0.00	41.66 0.04 0.00	47.52 -1.17 0.00	53.21 -0.32 0.00	55.47 0.55 0.00	57.77 0.63 0.00	62.26 1.40 0.00	69.26 2.92 0.00	78.81 3.54 0.00	83.43 2.03 0.00	82.95 1.86 0.00	95.60 2.06 0.00	107.20 0.96 0.00	102.85 1.62 0.00	95.02 3.48 0.00	85.04 2.80 0.00	77.78 2.41 0.00	66.79 2.81 0.00	61.03 4.20 0.00
BINGHAMTON___COGEN 23790	48.74 1.19 0.00	45.06 1.18 0.00	40.33 1.02 0.00	39.00 0.84 0.00	39.27 0.69 0.00	40.91 0.72 0.00	42.33 0.71 0.00	49.08 0.39 0.00	54.23 0.70 0.00	55.74 0.82 0.00	58.06 0.91 0.00	62.08 1.22 0.00	68.13 1.79 0.00	77.53 2.26 0.00	83.35 1.95 0.00	82.87 1.78 0.00	95.60 2.06 0.00	108.37 2.12 0.00	103.56 2.33 0.00	94.38 2.84 0.00	84.88 2.63 0.00	77.55 2.19 0.00	65.77 1.79 0.00	58.92 2.10 0.00

BIXINCNT_115KV_LOAD 355685	48.98 1.43 0.00	45.94 2.06 0.00	40.89 1.57 0.00	38.80 0.65 0.00	38.69 0.12 0.00	40.39 0.20 0.00	41.83 0.21 0.00	47.91 -0.78 0.00	53.64 0.11 0.00	55.85 0.93 0.00	58.17 1.03 0.00	62.69 1.83 0.00	69.72 3.38 0.00	79.18 3.91 0.00	83.92 2.52 0.00	83.44 2.35 0.00	96.07 2.53 0.00	107.84 1.59 0.00	103.45 2.23 0.00	95.48 3.94 0.00	85.54 3.29 0.00	78.23 2.86 0.00	67.18 3.20 0.00	61.14 4.32 0.00
BLACK RIVER___HYD 24047	50.07 2.52 0.00	46.07 2.19 0.00	41.12 1.81 0.00	39.91 1.76 0.00	40.31 1.74 0.00	42.28 2.09 0.00	43.91 2.29 0.00	51.51 2.82 0.00	56.96 3.43 0.00	58.27 3.35 0.00	60.29 3.14 0.00	64.15 3.28 0.00	69.98 3.65 0.00	79.56 4.29 0.00	84.48 3.09 0.00	84.09 3.00 0.00	97.29 3.75 0.00	111.53 4.79 -0.51	107.10 5.87 0.00	98.13 6.59 0.00	87.92 5.67 0.00	80.79 5.43 0.00	67.82 3.84 0.00	60.17 3.35 0.00
BLACKRVR_115KV_TB2 79977	50.07 2.52 0.00	46.07 2.19 0.00	41.12 1.81 0.00	39.91 1.76 0.00	40.31 1.74 0.00	42.28 2.09 0.00	43.91 2.29 0.00	51.51 2.82 0.00	56.96 3.43 0.00	58.27 3.35 0.00	60.35 3.20 0.00	64.15 3.29 0.00	69.99 3.65 0.00	79.56 4.29 0.00	84.40 3.01 0.00	84.00 2.92 0.00	97.29 3.74 0.00	111.53 4.78 -0.51	107.10 5.87 0.00	98.13 6.59 0.00	87.92 5.68 0.00	80.72 5.35 0.00	67.82 3.84 0.00	60.17 3.35 0.00
BLDWN_LI_69_KV_BK4 356085	51.74 4.18 0.00	47.65 3.77 0.00	42.73 3.42 0.00	41.25 3.09 0.00	41.74 3.16 0.00	43.56 3.38 0.00	45.45 3.83 0.00	52.05 3.36 0.00	55.98 2.57 0.12	56.88 2.36 0.39	60.00 2.86 0.00	64.03 3.16 0.00	69.99 3.65 0.00	79.18 3.91 0.00	86.68 5.29 0.00	87.17 6.08 0.00	100.94 7.39 0.00	115.17 8.92 0.00	109.02 7.79 0.00	97.67 6.13 0.00	86.93 4.69 0.01	77.49 2.94 0.81	65.53 2.30 0.75	58.48 2.39 0.73
BLISS_WT_PWR 323608	49.03 1.48 0.00	45.90 2.02 0.00	40.84 1.53 0.00	38.76 0.61 0.00	38.69 0.12 0.00	40.39 0.20 0.00	41.83 0.21 0.00	47.96 -0.73 0.00	53.70 0.16 0.00	55.91 0.99 0.00	58.18 1.03 0.00	62.93 2.07 0.00	69.72 3.38 0.00	79.26 3.99 0.00	84.56 3.17 0.00	83.60 2.52 0.00	96.26 2.71 0.00	107.94 1.69 0.00	103.56 2.33 0.00	95.66 4.12 0.00	85.62 3.37 0.00	78.76 3.39 0.00	67.11 3.13 0.00	61.09 4.26 0.00
BLUESTONE___WT_PWR 323821	51.17 3.61 0.00	47.17 3.29 0.00	42.14 2.83 0.00	40.90 2.75 0.00	41.24 2.66 0.00	43.16 2.97 0.00	44.79 3.16 0.00	52.15 3.46 0.00	57.60 4.07 0.00	59.09 4.17 0.00	61.37 4.23 0.00	65.61 4.75 0.00	71.84 5.50 0.00	81.97 6.70 0.00	87.33 5.94 0.00	86.76 5.67 0.00	100.47 6.92 0.00	114.21 7.97 0.00	109.62 8.40 0.00	99.87 8.33 0.00	89.90 7.65 0.00	82.22 6.86 0.00	69.16 5.18 0.00	61.76 4.94 0.00
BLUE_CIRC_CHEM_DRP 24182	45.37 -0.19 1.99	42.69 -0.22 0.96	39.19 -0.12 0.00	38.12 -0.04 0.00	38.58 0.00 0.00	40.15 -0.04 0.00	41.14 -0.08 0.40	46.02 -0.39 2.28	49.37 -0.59 3.58	50.26 -0.71 3.94	52.22 -0.86 4.06	54.84 -0.97 5.05	58.64 -1.13 6.57	65.10 -1.13 9.05	69.63 -0.90 10.86	69.42 -0.89 10.78	78.39 -0.94 14.22	87.52 -0.96 17.76	84.19 -0.61 16.43	89.93 -0.46 1.15	82.06 -0.16 0.02	65.57 -0.68 9.11	57.24 -0.83 5.91	52.21 -0.63 3.99
BOC_GAS_DRP 24189	48.25 0.57 -0.13	44.42 0.48 -0.06	39.82 0.51 0.00	38.77 0.61 0.00	39.19 0.62 0.00	40.83 0.64 0.00	42.27 0.62 -0.03	49.27 0.44 -0.15	54.08 0.32 -0.23	55.44 0.27 -0.25	57.69 0.29 -0.26	61.43 0.24 -0.32	67.09 0.33 -0.42	76.30 0.45 -0.58	82.90 0.81 -0.69	82.66 0.89 -0.69	95.48 1.03 -0.91	108.65 1.27 -1.13	103.59 1.32 -1.05	92.80 1.19 -0.07	83.54 1.32 0.02	76.47 0.53 -0.58	64.55 0.19 -0.38	57.42 0.34 -0.25
BOONVILLE_115KV_TB1 79983	49.03 1.47 0.00	45.19 1.32 0.00	40.41 1.10 0.00	39.22 1.07 0.00	39.66 1.08 0.00	41.47 1.29 0.00	43.08 1.46 0.00	50.44 1.75 0.00	55.78 2.25 0.00	57.17 2.25 0.00	59.37 2.23 0.00	63.24 2.37 0.00	69.06 2.72 0.00	78.51 3.24 0.00	84.00 2.60 0.00	83.68 2.59 0.00	96.82 3.27 0.00	110.17 3.93 0.00	105.58 4.35 0.00	95.84 4.30 0.00	85.87 3.62 0.00	78.53 3.17 0.00	66.22 2.24 0.00	58.81 1.99 0.00
BORALEX_4TH_BRANCH 23824	49.65 2.09 0.00	45.85 1.97 0.00	41.16 1.85 0.00	39.83 1.68 0.00	40.27 1.70 0.00	42.12 1.93 0.00	43.70 2.08 0.00	50.83 2.14 0.00	55.57 2.03 0.00	56.84 1.92 0.00	59.03 1.89 0.00	62.81 1.95 0.00	68.46 2.12 0.00	77.68 2.41 0.00	84.57 3.17 0.00	84.65 3.57 0.00	97.94 4.40 0.00	111.66 5.42 0.00	107.00 5.77 0.00	96.67 5.13 0.00	87.32 5.02 -0.05	78.76 3.39 0.00	66.34 2.37 0.00	59.04 2.22 0.00
BOWLINE___1 23526	50.07 2.52 0.00	46.07 2.19 0.00	41.36 2.04 0.00	40.10 1.94 0.00	40.43 1.85 0.00	42.20 2.01 0.00	43.99 2.37 0.00	50.98 2.29 0.00	55.84 2.30 0.00	57.28 2.36 0.00	59.55 2.40 0.00	63.23 2.37 0.00	69.12 2.79 0.00	78.58 3.31 0.00	85.70 4.31 0.00	85.87 4.78 0.00	99.06 5.52 0.00	112.72 6.48 0.00	106.79 5.56 0.00	96.21 4.67 0.00	86.77 4.52 0.00	78.07 2.71 0.00	65.89 1.92 0.00	58.98 2.16 0.00
BOWLINE___2 23595	50.07 2.52 0.00	46.07 2.19 0.00	41.36 2.04 0.00	40.10 1.94 0.00	40.43 1.85 0.00	42.20 2.01 0.00	43.99 2.37 0.00	50.98 2.29 0.00	55.84 2.30 0.00	57.28 2.36 0.00	59.49 2.34 0.00	63.12 2.25 0.00	69.06 2.72 0.00	78.43 3.16 0.00	85.62 4.23 0.00	85.70 4.62 0.00	98.88 5.33 0.00	112.51 6.27 0.00	106.59 5.36 0.00	96.12 4.58 0.00	86.60 4.36 0.00	77.93 2.56 0.00	65.77 1.79 0.00	58.86 2.04 0.00
BRADY___115KV_TB2 356060	47.89 0.33 0.00	44.14 0.26 0.00	39.59 0.28 0.00	38.42 0.27 0.00	38.92 0.35 0.00	40.55 0.36 0.00	42.04 0.42 0.00	49.61 0.93 0.00	54.39 0.86 0.00	55.63 0.71 0.00	57.72 0.57 0.00	61.35 0.49 0.00	66.54 0.20 0.00	75.27 0.00 0.00	81.07 -0.33 0.00	80.52 -0.57 0.00	92.89 -0.65 0.00	105.82 -0.42 0.00	100.92 -0.30 0.00	91.54 0.00 0.00	82.16 -0.08 0.00	76.19 0.83 0.00	65.13 1.15 0.00	57.56 0.74 0.00
BRANSCOMB___SOLAR 323811	49.70 2.14 0.00	45.76 1.89 0.00	41.12 1.81 0.00	39.80 1.64 0.00	40.27 1.70 0.00	42.04 1.85 0.00	43.45 1.83 0.00	50.54 1.85 0.00	55.46 1.92 0.00	56.78 1.87 0.00	58.80 1.66 0.00	62.44 1.58 0.00	68.00 1.66 0.00	77.38 2.10 0.00	83.83 2.44 0.00	83.35 2.27 0.00	96.35 2.80 0.00	109.86 3.61 0.00	105.89 4.66 0.00	96.02 4.48 0.00	86.89 4.60 -0.04	78.83 3.47 0.00	66.54 2.56 0.00	59.15 2.33 0.00
BRDGHMPT_69_KV_BK1 55812	52.79 5.23 0.00	48.70 4.83 0.00	43.60 4.29 0.00	42.05 3.89 0.00	42.63 4.05 0.00	44.49 4.30 0.00	46.41 4.79 0.00	53.07 4.38 0.00	57.04 3.75 0.25	57.70 3.57 0.79	61.38 4.40 0.16	65.38 4.93 0.41	71.96 6.04 0.41	81.47 6.77 0.58	89.48 8.55 0.46	90.41 9.32 0.00	104.26 11.32 0.61	118.75 13.81 1.30	112.62 12.35 0.96	100.97 9.43 0.00	88.82 6.58 0.01	77.87 4.15 1.63	64.36 3.26 2.88	58.30 2.95 1.48

BRENTWOD_69_KV_W. BRTWOOD 56703	51.93 4.37 0.00	47.91 4.04 0.00	42.93 3.62 0.00	41.44 3.28 0.00	41.93 3.36 0.00	43.80 3.62 0.00	45.74 4.12 0.00	52.29 3.60 0.00	55.76 2.46 0.24	56.12 1.98 0.78	59.39 2.46 0.21	63.08 2.74 0.52	69.33 3.52 0.52	78.15 3.61 0.73	85.29 4.48 0.58	86.44 5.35 0.00	99.70 6.74 0.58	113.46 8.50 1.28	107.69 7.39 0.92	96.94 5.40 0.00	85.86 3.62 0.01	75.95 2.19 1.60	62.79 1.73 2.92	57.24 1.88 1.45
BRISTLHL_115KV_TB1 79998	47.36 -0.19 0.00	43.70 -0.18 0.00	39.08 -0.24 0.00	37.81 -0.34 0.00	38.19 -0.39 0.00	39.79 -0.40 0.00	41.21 -0.42 0.00	48.01 -0.68 0.00	52.95 -0.59 0.00	54.31 -0.60 0.00	56.63 -0.51 0.00	60.38 -0.49 0.00	66.07 -0.27 0.00	75.12 -0.15 0.00	80.99 -0.41 0.00	80.52 -0.57 0.00	92.89 -0.65 0.00	106.65 -0.85 -1.26	100.72 -0.51 0.00	91.63 0.09 0.00	82.25 0.00 0.00	75.14 -0.23 0.00	63.66 -0.32 0.00	56.71 -0.11 0.00
BROOKHAVEN___DRP 24191	51.31 3.76 0.00	47.34 3.47 0.00	42.42 3.11 0.00	40.94 2.79 0.00	41.47 2.89 0.00	43.28 3.09 0.00	45.24 3.62 0.00	51.61 2.92 0.00	55.16 1.87 0.25	55.55 1.43 0.79	58.93 1.94 0.16	62.65 2.19 0.41	68.85 2.92 0.40	77.87 3.16 0.57	85.50 4.56 0.45	86.52 5.43 0.00	99.86 6.92 0.61	113.65 8.71 1.30	107.96 7.69 0.96	97.03 5.49 0.00	85.77 3.54 0.01	75.31 1.58 1.64	62.31 1.22 2.88	56.54 1.19 1.48
BROOKLYN_NAVY_YARD 23515	50.64 3.09 0.00	46.55 2.68 0.00	41.75 2.44 0.00	40.41 2.25 0.00	40.77 2.20 0.00	42.60 2.41 0.00	44.62 3.00 0.00	51.71 3.02 0.00	56.59 3.05 0.00	58.10 3.18 0.00	60.29 3.14 0.00	64.09 3.22 0.00	70.05 3.71 0.00	79.56 4.29 0.00	87.00 5.61 0.00	87.24 6.16 0.00	100.94 7.11 -0.29	115.13 8.29 -0.59	108.67 6.98 -0.46	97.49 5.95 0.00	87.84 5.60 0.00	78.60 3.24 0.00	66.41 2.43 0.00	59.49 2.67 0.00
BROOKLYN___ARMY_DRP 323595	51.18 3.61 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.86 3.52 0.00	79.33 4.06 0.01	86.77 5.37 0.00	87.33 6.24 0.00	100.66 7.11 0.00	114.53 8.29 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.67 3.32 0.01	66.15 2.18 0.01	59.55 2.73 0.00
BROOME_2_LFGE 323671	48.79 1.23 0.00	45.06 1.19 0.00	40.33 1.02 0.00	38.99 0.84 0.00	39.31 0.73 0.00	40.91 0.72 0.00	42.33 0.71 0.00	49.08 0.39 0.00	54.23 0.69 0.00	55.74 0.82 0.00	58.06 0.91 0.00	62.14 1.28 0.00	68.13 1.79 0.00	77.53 2.26 0.00	83.59 2.20 0.00	82.95 1.87 0.00	95.60 2.06 0.00	108.48 2.23 0.00	103.56 2.33 0.00	94.47 2.93 0.00	84.88 2.63 0.00	77.70 2.34 0.00	65.77 1.79 0.00	58.93 2.10 0.00
BROOME___LFGE 323600	48.79 1.23 0.00	45.06 1.19 0.00	40.33 1.02 0.00	38.99 0.84 0.00	39.31 0.73 0.00	40.91 0.72 0.00	42.33 0.71 0.00	49.08 0.39 0.00	54.23 0.69 0.00	55.74 0.82 0.00	58.06 0.91 0.00	62.14 1.28 0.00	68.13 1.79 0.00	77.53 2.26 0.00	83.59 2.20 0.00	82.95 1.87 0.00	95.60 2.06 0.00	108.48 2.23 0.00	103.56 2.33 0.00	94.47 2.93 0.00	84.88 2.63 0.00	77.70 2.34 0.00	65.77 1.79 0.00	58.93 2.10 0.00
BROWNFLS_115KV_TB_3_5 80003	48.17 0.62 0.00	44.36 0.48 0.00	39.67 0.35 0.00	38.50 0.34 0.00	38.96 0.39 0.00	40.71 0.52 0.00	42.29 0.67 0.00	49.81 1.12 0.00	55.03 1.50 0.00	56.34 1.43 0.00	58.40 1.26 0.00	62.14 1.28 0.00	67.60 1.26 0.00	76.70 1.43 0.00	81.96 0.57 0.00	81.33 0.24 0.00	93.83 0.28 0.00	107.18 0.74 -0.19	102.44 1.21 0.00	93.28 1.74 0.00	83.40 1.15 0.00	76.80 1.43 0.00	65.26 1.28 0.00	57.90 1.08 0.00
BROWNSV1_27_KV_LOAD 356125	51.17 3.61 0.00	47.08 3.20 0.00	42.18 2.87 0.00	40.83 2.67 0.00	41.20 2.62 0.00	43.04 2.85 0.00	45.04 3.41 0.00	52.19 3.51 0.00	57.18 3.64 0.00	58.65 3.73 0.00	60.97 3.83 0.00	64.88 4.02 0.00	70.98 4.64 0.00	80.54 5.27 0.00	87.99 6.59 0.00	88.38 7.30 0.00	101.97 8.42 0.00	115.91 9.67 0.00	109.43 8.20 0.00	98.68 7.14 0.00	88.91 6.66 0.00	79.66 4.30 0.00	67.18 3.20 0.00	60.17 3.35 0.00
BURROWS___LYONSDAL 23803	48.98 1.43 0.00	45.15 1.27 0.00	40.37 1.06 0.00	39.15 0.99 0.00	39.58 1.00 0.00	41.43 1.25 0.00	43.04 1.42 0.00	50.44 1.75 0.00	55.84 2.30 0.00	57.22 2.31 0.00	59.37 2.23 0.00	63.18 2.31 0.00	68.99 2.65 0.00	78.43 3.16 0.00	83.92 2.52 0.00	83.52 2.43 0.00	96.63 3.09 0.00	110.20 3.82 -0.13	105.48 4.25 0.00	95.93 4.39 0.00	85.70 3.45 0.00	78.45 3.09 0.00	66.15 2.18 0.00	58.75 1.93 0.00
CAITHNESS_CC_1 323624	51.07 3.52 0.00	47.31 3.42 -0.01	42.38 3.07 0.00	40.90 2.75 0.00	41.43 2.85 0.00	43.25 3.05 -0.01	45.21 3.58 -0.01	51.56 2.87 0.00	54.74 1.45 0.25	55.50 1.37 0.79	58.82 1.83 0.16	62.54 2.07 0.40	68.66 2.72 0.40	77.65 2.93 0.56	85.34 4.39 0.44	86.20 5.11 0.00	99.21 6.27 0.61	113.33 8.39 1.30	107.56 7.29 0.96	96.66 5.12 0.00	85.53 3.29 0.01	75.01 1.28 1.64	62.19 1.09 2.87	56.31 0.97 1.48
CALPINE BETH_PAGE_GT4 24209	51.41 3.85 0.00	47.52 3.64 0.00	42.61 3.30 0.00	41.17 3.01 0.00	41.62 3.05 0.00	43.48 3.30 0.00	45.37 3.75 0.00	51.71 3.02 0.00	55.39 2.03 0.18	56.15 1.81 0.58	59.37 2.23 0.00	63.30 2.43 0.00	69.32 2.99 0.00	78.66 3.39 0.00	86.03 4.64 0.00	86.52 5.43 0.00	99.81 6.64 0.38	113.66 8.18 0.77	107.71 7.09 0.60	96.94 5.40 0.00	86.19 3.95 0.01	76.28 2.11 1.20	63.62 1.34 1.70	57.33 1.59 1.08
CALPINE_BETH_PAGE_GT_4 323586	51.27 3.71 0.00	47.53 3.64 -0.01	42.62 3.30 0.00	41.17 3.01 0.00	41.62 3.05 0.00	43.49 3.30 -0.01	45.38 3.75 -0.01	51.71 3.02 0.00	55.12 1.76 0.18	56.09 1.76 0.58	59.37 2.23 0.00	63.30 2.44 0.00	69.33 2.99 0.00	78.66 3.39 0.00	86.11 4.72 0.00	86.52 5.43 0.00	99.62 6.45 0.38	113.66 8.18 0.77	107.71 7.08 0.60	96.85 5.31 0.00	86.19 3.95 0.01	76.12 1.96 1.20	63.63 1.35 1.70	57.16 1.42 1.08
CALPINE_BP_GT1 23823	51.27 3.71 0.00	47.53 3.64 -0.01	42.62 3.30 0.00	41.17 3.01 0.00	41.62 3.05 0.00	43.49 3.30 -0.01	45.38 3.75 -0.01	51.71 3.02 0.00	55.12 1.76 0.18	56.09 1.76 0.58	59.37 2.23 0.00	63.30 2.44 0.00	69.33 2.99 0.00	78.66 3.39 0.00	86.11 4.72 0.00	86.52 5.43 0.00	99.62 6.45 0.38	113.66 8.18 0.77	107.71 7.08 0.60	96.85 5.31 0.00	86.19 3.95 0.01	76.12 1.96 1.20	63.63 1.35 1.70	57.16 1.42 1.08
CALSPAN___DRP 24200	49.03 1.47 0.00	46.16 2.28 0.00	40.89 1.57 0.00	38.84 0.69 0.00	38.77 0.19 0.00	40.43 0.24 0.00	41.62 0.00 0.00	47.37 -1.31 0.00	53.11 -0.43 0.00	55.30 0.38 0.00	57.60 0.46 0.00	62.08 1.22 0.00	68.99 2.65 0.00	78.51 3.24 0.00	83.18 1.79 0.00	82.63 1.54 0.00	95.23 1.68 0.00	106.77 0.53 0.00	102.44 1.21 0.00	94.74 3.20 0.00	84.71 2.47 0.00	77.55 2.19 0.00	66.60 2.62 0.00	60.97 4.15 0.00

CALVERTON___SOLAR 323806	51.27 3.71 0.00	47.48 3.60 -0.01	42.50 3.18 0.00	41.02 2.86 0.00	41.55 2.97 0.00	43.41 3.22 -0.01	45.33 3.70 -0.01	51.71 3.02 0.00	54.95 1.66 0.25	55.77 1.65 0.79	59.15 2.17 0.16	62.89 2.44 0.41	69.12 3.18 0.41	78.24 3.54 0.57	85.99 5.05 0.45	86.93 5.84 0.00	100.05 7.11 0.61	114.29 9.35 1.30	108.57 8.30 0.96	97.49 5.95 0.00	86.10 3.87 0.01	75.54 1.81 1.63	62.57 1.47 2.88	56.59 1.25 1.48
CANDIGU_WT_PWR 323617	49.31 1.76 0.00	45.85 1.98 0.00	40.89 1.57 0.00	39.15 0.99 0.00	39.23 0.66 0.00	40.87 0.68 0.00	42.21 0.58 0.00	48.35 -0.34 0.00	53.54 0.00 0.00	55.19 0.28 0.00	57.43 0.29 0.00	61.83 0.97 0.00	68.19 1.85 0.00	77.61 2.34 0.00	83.18 1.79 0.00	82.38 1.29 0.00	94.95 1.41 0.00	107.30 1.06 0.00	102.95 1.72 0.00	95.02 3.48 0.00	85.54 3.29 0.00	78.60 3.24 0.00	66.79 2.81 0.00	60.40 3.58 0.00
CARR STREET_E_SYR 24060	47.46 -0.09 0.00	43.79 -0.09 0.00	39.16 -0.16 0.00	37.85 -0.31 0.00	38.23 -0.35 0.00	39.82 -0.36 0.00	41.25 -0.38 0.00	48.05 -0.63 0.00	53.11 -0.43 0.00	54.53 -0.38 0.00	56.86 -0.28 0.00	60.74 -0.12 0.00	66.47 0.13 0.00	75.65 0.38 0.00	81.64 0.24 0.00	81.00 -0.08 0.00	93.36 -0.19 0.00	105.92 -0.32 0.00	101.03 -0.20 0.00	92.00 0.46 0.00	82.58 0.33 0.00	75.52 0.15 0.00	63.91 -0.06 0.00	56.94 0.11 0.00
CARTHAGE___PAPER 23857	49.41 1.85 0.00	45.50 1.62 0.00	40.61 1.30 0.00	39.41 1.26 0.00	39.85 1.27 0.00	41.75 1.57 0.00	43.41 1.79 0.00	50.98 2.29 0.00	56.37 2.84 0.00	57.66 2.74 0.00	59.72 2.57 0.00	63.48 2.62 0.00	69.12 2.79 0.00	78.58 3.31 0.00	83.67 2.28 0.00	83.28 2.19 0.00	96.35 2.80 0.00	110.48 3.82 -0.42	105.99 4.76 0.00	96.85 5.31 0.00	86.60 4.36 0.00	79.58 4.22 0.00	66.98 3.01 0.00	59.38 2.56 0.00
CASSADAGA_WT_PWR 323784	50.31 2.76 0.00	47.12 3.25 0.00	41.79 2.48 0.00	39.64 1.49 0.00	39.62 1.04 0.00	41.39 1.20 0.00	42.83 1.21 0.00	48.93 0.24 0.00	54.77 1.23 0.00	57.06 2.14 0.00	59.43 2.29 0.00	64.33 3.47 0.00	71.38 5.04 0.00	81.15 5.87 0.00	86.52 5.13 0.00	85.38 4.29 0.00	98.31 4.77 0.00	110.18 3.93 0.00	105.79 4.56 0.00	97.77 6.23 0.00	87.43 5.18 0.00	80.41 5.05 0.00	68.59 4.61 0.00	62.50 5.68 0.00
CE_DUNWOOD___DRP 24194	50.41 2.85 0.00	46.38 2.50 0.00	41.59 2.28 0.00	40.29 2.14 0.00	40.66 2.08 0.00	42.44 2.25 0.00	44.33 2.71 0.00	51.37 2.68 0.00	56.21 2.68 0.00	57.61 2.69 0.00	59.95 2.80 0.00	63.78 2.92 0.00	69.72 3.38 0.00	79.26 3.99 0.00	86.44 5.05 0.00	86.68 5.59 0.00	100.09 6.55 0.00	113.89 7.65 0.00	107.71 6.48 0.00	97.12 5.58 0.00	87.43 5.18 0.00	78.61 3.24 0.00	66.28 2.30 0.00	59.32 2.50 0.00
CE_MILLWOOD___DRP 24193	50.26 2.71 0.00	46.25 2.37 0.00	41.51 2.20 0.00	40.22 2.06 0.00	40.58 2.01 0.00	42.36 2.17 0.00	44.20 2.58 0.00	51.22 2.53 0.00	56.05 2.52 0.00	57.50 2.58 0.00	59.77 2.63 0.00	63.54 2.68 0.00	69.52 3.18 0.00	79.03 3.76 0.00	86.19 4.80 0.00	86.44 5.35 0.00	99.72 6.17 0.00	113.47 7.22 0.00	107.50 6.28 0.00	96.85 5.31 0.00	87.26 5.02 0.00	78.45 3.09 0.00	66.15 2.18 0.00	59.21 2.39 0.00
CE_NYC2_DRP 24202	50.84 3.28 0.00	46.77 2.90 0.00	41.95 2.63 0.00	40.64 2.48 0.00	41.01 2.43 0.00	42.80 2.61 0.00	44.79 3.16 -0.01	51.71 3.02 0.00	56.53 3.00 0.00	57.94 3.02 0.00	60.23 3.09 0.00	63.97 3.10 0.00	69.79 3.45 0.00	79.25 3.99 0.01	86.60 5.21 0.00	87.09 6.00 0.00	100.47 6.92 0.00	114.21 7.97 0.00	107.70 6.48 0.01	97.03 5.49 0.01	87.42 5.18 0.01	78.37 3.01 0.01	66.08 2.11 0.01	59.44 2.61 0.00
CE_NYC_DRP 24195	50.79 3.23 0.00	46.69 2.81 0.00	41.87 2.56 0.00	40.52 2.37 0.00	40.89 2.31 0.00	42.72 2.53 0.00	44.70 3.08 0.00	51.80 3.12 0.00	56.75 3.21 0.00	58.16 3.24 0.00	60.46 3.31 0.00	64.27 3.41 0.00	70.32 3.98 0.00	79.79 4.52 0.00	87.17 5.78 0.00	87.49 6.41 0.00	100.94 7.39 0.00	114.74 8.50 0.00	108.41 7.19 0.00	97.67 6.13 0.00	88.00 5.76 0.00	78.91 3.54 0.00	66.54 2.56 0.00	59.66 2.84 0.00
CHAFFEE___LFGE 323603	49.26 1.71 0.00	46.20 2.32 0.00	40.96 1.65 0.00	38.88 0.72 0.00	38.85 0.27 0.00	40.47 0.28 0.00	41.75 0.13 0.00	47.62 -1.07 0.00	53.32 -0.21 0.00	55.52 0.61 0.00	57.83 0.69 0.00	62.51 1.64 0.00	69.33 2.99 0.00	78.88 3.61 0.00	84.24 2.85 0.00	83.19 2.10 0.00	95.89 2.34 0.00	107.52 1.28 0.00	103.15 1.92 0.00	95.38 3.84 0.00	85.29 3.04 0.00	78.46 3.09 0.00	66.86 2.88 0.00	61.09 4.26 0.00
CHATEAUG_35_KV_LOAD 355732	46.56 -1.00 0.00	42.87 -1.01 0.00	38.49 -0.83 0.00	37.43 -0.72 0.00	37.96 -0.62 0.00	39.50 -0.68 0.00	41.08 -0.54 0.00	48.35 -0.34 0.00	53.05 -0.48 0.00	54.37 -0.55 0.00	56.57 -0.57 0.00	60.19 -0.67 0.00	65.21 -1.13 0.00	73.77 -1.51 0.00	79.85 -1.55 0.00	79.46 -1.62 0.00	91.77 -1.78 0.00	104.54 -1.70 0.00	99.51 -1.72 0.00	89.98 -1.56 0.00	80.60 -1.64 0.00	74.54 -0.83 0.00	63.53 -0.45 0.00	55.97 -0.85 0.00
CHATEAUG_WT_PWR 323614	46.37 -1.19 0.00	42.82 -1.05 0.00	38.45 -0.87 0.00	37.35 -0.80 0.00	37.92 -0.66 0.00	39.47 -0.72 0.00	41.00 -0.62 0.00	48.30 -0.39 0.00	53.05 -0.48 0.00	54.37 -0.55 0.00	56.57 -0.57 0.00	60.19 -0.67 0.00	65.27 -1.06 0.00	73.84 -1.43 0.00	79.68 -1.71 0.00	79.46 -1.62 0.00	91.68 -1.87 0.00	104.33 -1.91 0.00	99.30 -1.93 0.00	89.80 -1.74 0.00	80.44 -1.81 0.00	74.31 -1.06 0.00	63.34 -0.64 0.00	55.80 -1.02 0.00
CHAT_HIGH_FALL_HYD 323578	46.56 -1.00 0.00	42.87 -1.01 0.00	38.49 -0.83 0.00	37.43 -0.72 0.00	37.96 -0.62 0.00	39.50 -0.68 0.00	41.08 -0.54 0.00	48.35 -0.34 0.00	53.05 -0.48 0.00	54.37 -0.55 0.00	56.57 -0.57 0.00	60.19 -0.67 0.00	65.21 -1.13 0.00	73.77 -1.51 0.00	79.85 -1.55 0.00	79.46 -1.62 0.00	91.77 -1.78 0.00	104.54 -1.70 0.00	99.51 -1.72 0.00	89.98 -1.56 0.00	80.60 -1.64 0.00	74.54 -0.83 0.00	63.53 -0.45 0.00	55.97 -0.85 0.00
CHAUTAUQUA___LFGE 323629	49.88 2.33 0.00	46.77 2.90 0.00	41.47 2.16 0.00	39.38 1.22 0.00	39.35 0.77 0.00	41.03 0.85 0.00	42.37 0.75 0.00	48.30 -0.39 0.00	54.02 0.48 0.00	56.29 1.37 0.00	58.63 1.48 0.00	63.42 2.56 0.00	70.32 3.98 0.00	80.02 4.74 0.00	85.38 3.99 0.00	84.24 3.16 0.00	97.10 3.55 0.00	108.79 2.55 0.00	104.47 3.24 0.00	96.66 5.12 0.00	86.44 4.19 0.00	79.51 4.14 0.00	67.75 3.77 0.00	61.94 5.12 0.00
CHERRYST_13_KV_LD 356241	50.93 3.38 0.00	46.86 2.98 0.00	42.03 2.71 0.00	40.67 2.52 0.00	41.04 2.47 0.00	42.88 2.69 0.00	44.87 3.25 0.00	52.05 3.36 0.00	57.02 3.48 0.00	58.43 3.51 0.00	60.75 3.60 0.00	64.64 3.77 0.00	70.72 4.38 0.00	80.24 4.97 0.00	87.66 6.27 0.00	87.98 6.89 0.00	101.50 7.95 0.00	115.38 9.14 0.00	108.92 7.69 0.00	98.13 6.59 0.00	88.41 6.17 0.00	79.21 3.84 0.00	66.79 2.81 0.00	59.89 3.07 0.00

CHESTROR_138KV_BK263 355645	49.69 2.14 0.00	45.72 1.84 0.00	41.04 1.73 0.00	39.83 1.68 0.00	40.20 1.62 0.00	41.92 1.73 0.00	43.66 2.04 0.00	50.64 1.95 0.00	55.46 1.93 0.00	56.84 1.92 0.00	59.15 2.00 0.00	62.87 2.01 0.00	68.73 2.39 0.00	78.13 2.86 0.00	85.06 3.66 0.00	85.14 4.05 0.00	98.22 4.68 0.00	111.77 5.52 0.00	106.09 4.86 0.00	95.75 4.21 0.00	86.28 4.03 0.00	77.85 2.49 0.00	65.70 1.73 0.00	58.75 1.93 0.00
CH_MIDHUDSON___DRP 24192	50.03 2.47 0.00	46.07 2.19 0.00	41.32 2.00 0.00	40.10 1.95 0.00	40.47 1.89 0.00	42.24 2.05 0.00	43.95 2.33 0.00	50.98 2.29 0.00	55.89 2.36 0.00	57.28 2.36 0.00	59.60 2.46 0.00	63.36 2.50 0.00	69.32 2.99 0.00	78.81 3.54 0.00	85.87 4.48 0.00	85.95 4.87 0.00	99.25 5.71 0.00	112.94 6.69 0.00	107.30 6.07 0.00	96.76 5.22 0.00	87.18 4.93 0.00	78.53 3.17 0.00	66.28 2.30 0.00	59.21 2.39 0.00
CH_MISC_IPPS 23765	50.36 2.81 0.00	46.33 2.46 0.00	41.55 2.24 0.00	40.33 2.17 0.00	40.66 2.08 0.00	42.44 2.25 0.00	44.20 2.58 0.00	51.27 2.58 0.00	56.05 2.52 0.00	57.44 2.53 0.00	59.78 2.63 0.00	63.54 2.67 0.00	69.52 3.18 0.00	79.03 3.76 0.00	86.11 4.72 0.00	86.11 5.03 0.00	99.35 5.80 0.00	113.14 6.90 0.00	107.51 6.28 0.00	97.03 5.49 0.00	87.43 5.18 0.00	78.76 3.39 0.00	66.54 2.56 0.00	59.49 2.67 0.00
CH_RES_BVR_FALLS 23983	47.03 -0.52 0.00	43.40 -0.48 0.00	38.92 -0.39 0.00	37.81 -0.34 0.00	38.27 -0.31 0.00	39.86 -0.32 0.00	41.33 -0.29 0.00	48.54 -0.15 0.00	53.38 -0.16 0.00	54.75 -0.16 0.00	56.97 -0.17 0.00	60.62 -0.24 0.00	66.01 -0.33 0.00	74.82 -0.45 0.00	80.83 -0.57 0.00	80.52 -0.56 0.00	92.90 -0.65 0.00	105.50 -0.74 0.00	100.52 -0.70 0.00	90.80 -0.74 0.00	81.50 -0.74 0.00	74.84 -0.52 0.00	63.60 -0.38 0.00	56.37 -0.46 0.00
CH_RES_NIAGARA 23895	47.41 -0.14 0.00	44.84 0.97 0.00	39.63 0.31 0.00	37.66 -0.50 0.00	37.57 -1.00 0.00	39.10 -1.09 0.00	40.21 -1.42 0.00	45.52 -3.16 0.00	51.13 -2.41 0.00	53.21 -1.70 0.00	55.43 -1.71 0.00	59.65 -1.22 0.00	66.27 -0.07 0.00	75.27 0.00 0.00	79.68 -1.71 0.00	79.06 -2.03 0.00	91.21 -2.34 0.00	102.10 -4.14 0.00	97.89 -3.34 0.00	90.72 -0.82 0.00	81.01 -1.23 0.00	74.31 -1.06 0.00	63.91 -0.06 0.00	58.98 2.16 0.00
CH_RES_SYRACUSE 23985	47.70 0.14 0.00	44.01 0.13 0.00	39.35 0.04 0.00	38.04 -0.11 0.00	38.42 -0.15 0.00	40.03 -0.16 0.00	41.46 -0.17 0.00	48.30 -0.39 0.00	53.38 -0.16 0.00	54.75 -0.16 0.00	57.09 -0.06 0.00	60.98 0.12 0.00	66.74 0.40 0.00	75.95 0.68 0.00	81.97 0.57 0.00	81.33 0.24 0.00	93.73 0.19 0.00	106.96 0.21 -0.50	101.53 0.30 0.00	92.46 0.92 0.00	82.98 0.74 0.00	75.90 0.53 0.00	64.23 0.26 0.00	57.22 0.40 0.00
CLINTON_WT_PWR 323605	46.37 -1.19 0.00	42.82 -1.05 0.00	38.45 -0.87 0.00	37.35 -0.80 0.00	37.92 -0.66 0.00	39.47 -0.72 0.00	41.00 -0.62 0.00	48.30 -0.39 0.00	53.05 -0.48 0.00	54.37 -0.55 0.00	56.57 -0.57 0.00	60.19 -0.67 0.00	65.27 -1.06 0.00	73.84 -1.43 0.00	79.68 -1.71 0.00	79.46 -1.62 0.00	91.68 -1.87 0.00	104.33 -1.91 0.00	99.30 -1.93 0.00	89.80 -1.74 0.00	80.44 -1.81 0.00	74.31 -1.06 0.00	63.34 -0.64 0.00	55.80 -1.02 0.00
CLINTON___LFGE 323618	46.79 -0.76 0.00	43.22 -0.66 0.00	38.80 -0.51 0.00	37.66 -0.50 0.00	38.23 -0.35 0.00	39.75 -0.44 0.00	41.38 -0.25 0.00	48.54 -0.15 0.00	53.32 -0.21 0.00	54.64 -0.27 0.00	56.92 -0.23 0.00	60.56 -0.30 0.00	65.74 -0.60 0.00	74.29 -0.98 0.00	80.09 -1.31 0.00	79.95 -1.14 0.00	92.24 -1.31 0.00	105.08 -1.17 0.00	99.91 -1.32 0.00	90.71 -0.83 0.00	81.26 -0.98 0.00	75.06 -0.30 0.00	63.79 -0.19 0.00	56.25 -0.57 0.00
COBBLENY_34_KV_TB1 80064	49.17 1.62 0.00	46.20 2.33 0.00	40.96 1.65 0.00	38.88 0.72 0.00	38.85 0.27 0.00	40.51 0.32 0.00	41.75 0.12 0.00	47.62 -1.07 0.00	53.32 -0.21 0.00	55.52 0.60 0.00	57.83 0.69 0.00	62.32 1.46 0.00	69.32 2.99 0.00	78.88 3.61 0.00	83.59 2.20 0.00	83.11 2.03 0.00	95.70 2.15 0.00	107.41 1.17 0.00	103.05 1.82 0.00	95.20 3.66 0.00	85.21 2.96 0.00	77.93 2.56 0.00	66.86 2.88 0.00	61.08 4.26 0.00
COFFEEN___115KV_TB3 355620	50.46 2.90 0.00	46.42 2.54 0.00	41.40 2.08 0.00	40.18 2.02 0.00	40.58 2.01 0.00	42.60 2.41 0.00	44.25 2.62 0.00	51.85 3.16 0.00	57.34 3.80 0.00	58.65 3.73 0.00	60.69 3.54 0.00	64.51 3.65 0.00	70.38 4.05 0.00	80.01 4.74 0.00	84.73 3.34 0.00	84.33 3.24 0.00	97.76 4.21 0.00	112.18 5.42 -0.52	107.91 6.68 0.00	98.95 7.41 0.00	88.74 6.50 0.00	81.47 6.10 0.00	68.39 4.41 0.00	60.69 3.86 0.00
COLDSPRG_115KV_BK1 355956	50.07 2.52 0.00	46.90 3.03 0.00	41.71 2.40 0.00	39.61 1.45 0.00	39.46 0.89 0.00	41.31 1.13 0.00	42.83 1.21 0.00	49.03 0.34 0.00	54.77 1.23 0.00	57.11 2.20 0.00	59.43 2.29 0.00	64.15 3.29 0.00	71.31 4.98 0.00	80.84 5.57 0.00	85.54 4.15 0.00	85.06 3.97 0.00	97.85 4.30 0.00	109.75 3.51 0.00	105.38 4.15 0.00	97.22 5.68 0.00	87.18 4.93 0.00	79.74 4.37 0.00	68.65 4.67 0.00	62.39 5.57 0.00
COLONIE_LFGE___ 323577	49.17 1.62 0.00	45.32 1.45 0.00	40.69 1.38 0.00	39.45 1.30 0.00	39.89 1.31 0.00	41.63 1.44 0.00	43.12 1.50 0.00	50.15 1.46 0.00	54.98 1.45 0.00	56.29 1.37 0.00	58.46 1.32 0.00	62.14 1.28 0.00	67.80 1.46 0.00	77.00 1.73 0.00	83.75 2.36 0.00	83.44 2.35 0.00	96.45 2.90 0.00	109.74 3.50 0.00	105.28 4.05 0.00	95.21 3.67 0.00	85.93 3.61 -0.07	77.78 2.41 0.00	65.70 1.73 0.00	58.47 1.65 0.00
COOPERNY_115KV_TB1 80082	49.22 1.66 0.00	45.33 1.45 0.00	40.65 1.34 0.00	39.49 1.34 0.00	39.85 1.27 0.00	41.55 1.37 0.00	43.16 1.54 0.00	50.15 1.46 0.00	55.03 1.50 0.00	56.40 1.48 0.00	58.69 1.54 0.00	62.45 1.58 0.00	68.26 1.92 0.00	77.53 2.26 0.00	84.16 2.77 0.00	84.17 3.08 0.00	97.10 3.55 0.00	110.39 4.14 0.00	104.87 3.64 0.00	94.74 3.20 0.00	85.37 3.13 0.00	77.32 1.96 0.00	65.32 1.34 0.00	58.36 1.53 0.00
COPENHAGEN_WT_PWR 323753	49.84 2.28 0.00	45.85 1.98 0.00	40.93 1.61 0.00	39.68 1.53 0.00	40.12 1.54 0.00	42.04 1.85 0.00	43.66 2.04 0.00	51.17 2.48 0.00	56.53 3.00 0.00	57.82 2.91 0.00	59.95 2.80 0.00	63.78 2.92 0.00	69.59 3.25 0.00	79.11 3.84 0.00	84.07 2.68 0.00	83.68 2.59 0.00	96.82 3.27 0.00	110.93 4.14 -0.55	106.39 5.16 0.00	97.49 5.95 0.00	87.35 5.10 0.00	80.19 4.83 0.00	67.37 3.39 0.00	59.83 3.01 0.00
CORNELL_____ 23752	49.31 1.76 0.00	45.50 1.62 0.00	40.73 1.42 0.00	39.34 1.18 0.00	39.69 1.12 0.00	41.39 1.21 0.00	42.87 1.25 0.00	49.81 1.12 0.00	54.98 1.45 0.00	56.29 1.37 0.00	58.57 1.43 0.00	62.57 1.70 0.00	68.59 2.26 0.00	78.06 2.79 0.00	83.83 2.44 0.00	83.44 2.35 0.00	96.35 2.81 0.00	109.64 3.40 0.00	105.07 3.85 0.00	95.93 4.39 0.00	86.19 3.95 0.00	78.76 3.39 0.00	66.66 2.69 0.00	59.49 2.67 0.00

CORONA__69_KV_TB1 355595	51.64 4.09 0.00	47.52 3.64 0.00	42.65 3.34 0.00	41.21 3.05 0.00	41.66 3.09 0.00	43.52 3.34 0.00	45.41 3.79 0.00	52.10 3.41 0.00	56.29 2.78 0.03	57.41 2.58 0.08	60.23 3.09 0.00	64.15 3.29 0.00	70.32 3.98 0.00	79.86 4.59 0.00	87.33 5.94 0.00	87.73 6.65 0.00	102.09 7.95 -0.59	117.01 9.56 -1.20	110.57 8.40 -0.94	98.31 6.77 0.00	87.67 5.43 0.01	78.59 3.39 0.17	67.22 2.43 -0.81	59.24 2.56 0.14
CORTLAND__115KV_TB3 80093	48.74 1.19 0.00	44.97 1.10 0.00	40.26 0.94 0.00	38.96 0.80 0.00	39.31 0.73 0.00	40.95 0.76 0.00	42.41 0.79 0.00	49.37 0.68 0.00	54.45 0.91 0.00	55.85 0.93 0.00	58.17 1.03 0.00	62.08 1.22 0.00	68.06 1.72 0.00	77.45 2.18 0.00	83.26 1.87 0.00	82.87 1.78 0.00	95.60 2.06 0.00	108.69 2.44 0.00	103.86 2.63 0.00	94.65 3.11 0.00	85.04 2.80 0.00	77.70 2.34 0.00	65.77 1.79 0.00	58.70 1.88 0.00
COXSACKIE__GT 23611	47.06 2.04 2.54	44.41 1.76 1.23	40.77 1.46 0.00	39.64 1.49 0.00	40.08 1.50 0.00	41.75 1.57 0.00	42.94 1.83 0.51	47.59 1.80 2.90	50.70 1.71 4.55	51.33 1.43 5.02	53.23 1.26 5.17	55.71 1.28 6.43	59.37 1.40 8.36	65.79 2.03 11.51	70.09 2.53 13.82	69.80 2.43 13.72	78.53 3.08 18.10	87.89 4.25 22.61	85.48 5.16 20.91	95.11 5.03 1.47	87.08 4.85 0.02	67.61 3.84 11.60	59.34 2.88 7.52	54.30 2.56 5.08
CPV_VALLEY__CC1 323721	49.31 1.76 0.00	45.41 1.53 0.00	40.77 1.46 0.00	39.57 1.41 0.00	39.92 1.35 0.00	41.63 1.44 0.00	43.33 1.71 0.00	50.25 1.56 0.00	55.09 1.55 0.00	56.45 1.54 0.00	58.74 1.60 0.00	62.44 1.58 0.00	68.26 1.93 0.00	77.61 2.34 0.00	84.48 3.09 0.00	84.49 3.40 0.00	97.47 3.93 0.00	110.81 4.57 0.00	105.17 3.94 0.00	94.93 3.39 0.00	85.54 3.29 0.00	77.25 1.88 0.00	65.26 1.28 0.00	58.30 1.47 0.00
CPV_VALLEY__CC2 323722	49.31 1.76 0.00	45.41 1.53 0.00	40.77 1.46 0.00	39.57 1.41 0.00	39.92 1.35 0.00	41.63 1.44 0.00	43.33 1.71 0.00	50.25 1.56 0.00	55.09 1.55 0.00	56.45 1.54 0.00	58.74 1.60 0.00	62.44 1.58 0.00	68.26 1.93 0.00	77.61 2.34 0.00	84.48 3.09 0.00	84.49 3.40 0.00	97.47 3.93 0.00	110.81 4.57 0.00	105.17 3.94 0.00	94.93 3.39 0.00	85.54 3.29 0.00	77.25 1.88 0.00	65.26 1.28 0.00	58.30 1.47 0.00
CRESCENT__HYD 24018	49.17 1.62 0.00	45.32 1.45 0.00	40.69 1.38 0.00	39.45 1.30 0.00	39.89 1.31 0.00	41.63 1.44 0.00	43.12 1.50 0.00	50.15 1.46 0.00	54.98 1.45 0.00	56.29 1.37 0.00	58.46 1.32 0.00	62.14 1.28 0.00	67.80 1.46 0.00	77.00 1.73 0.00	83.75 2.36 0.00	83.44 2.35 0.00	96.45 2.90 0.00	109.74 3.50 0.00	105.28 4.05 0.00	95.21 3.67 0.00	85.93 3.61 -0.07	77.78 2.41 0.00	65.70 1.73 0.00	58.47 1.65 0.00
CRICKET__VALLEY_CC1 323756	49.31 1.76 0.00	45.45 1.58 0.00	40.81 1.49 0.00	39.57 1.41 0.00	39.92 1.35 0.00	41.71 1.53 0.00	43.41 1.79 0.00	50.39 1.70 0.00	55.09 1.55 0.00	56.45 1.54 0.00	58.69 1.54 0.00	62.32 1.46 0.00	68.13 1.79 0.00	77.30 2.03 0.00	84.41 3.01 0.00	84.49 3.40 0.00	97.57 4.02 0.00	111.13 4.89 0.00	105.68 4.45 0.00	95.29 3.75 0.00	85.95 3.70 0.00	77.25 1.88 0.00	65.26 1.28 0.00	58.30 1.47 0.00
CRICKET__VALLEY_CC2 323757	49.31 1.76 0.00	45.45 1.58 0.00	40.81 1.49 0.00	39.57 1.41 0.00	39.92 1.35 0.00	41.71 1.53 0.00	43.41 1.79 0.00	50.39 1.70 0.00	55.09 1.55 0.00	56.45 1.54 0.00	58.69 1.54 0.00	62.32 1.46 0.00	68.13 1.79 0.00	77.30 2.03 0.00	84.41 3.01 0.00	84.49 3.40 0.00	97.57 4.02 0.00	111.13 4.89 0.00	105.68 4.45 0.00	95.29 3.75 0.00	85.95 3.70 0.00	77.25 1.88 0.00	65.26 1.28 0.00	58.30 1.47 0.00
CRICKET__VALLEY_CC3 323758	49.31 1.76 0.00	45.45 1.58 0.00	40.81 1.49 0.00	39.57 1.41 0.00	39.92 1.35 0.00	41.71 1.53 0.00	43.41 1.79 0.00	50.39 1.70 0.00	55.09 1.55 0.00	56.45 1.54 0.00	58.69 1.54 0.00	62.32 1.46 0.00	68.13 1.79 0.00	77.30 2.03 0.00	84.41 3.01 0.00	84.49 3.40 0.00	97.57 4.02 0.00	111.13 4.89 0.00	105.68 4.45 0.00	95.29 3.75 0.00	85.95 3.70 0.00	77.25 1.88 0.00	65.26 1.28 0.00	58.30 1.47 0.00
CRUCIBLE_METL_DRP 24180	47.70 0.14 0.00	44.01 0.13 0.00	39.35 0.04 0.00	38.04 -0.11 0.00	38.42 -0.15 0.00	40.03 -0.16 0.00	41.46 -0.17 0.00	48.30 -0.39 0.00	53.37 -0.16 0.00	54.75 -0.16 0.00	57.09 -0.06 0.00	60.98 0.12 0.00	66.74 0.40 0.00	75.95 0.68 0.00	81.80 0.41 0.00	81.33 0.24 0.00	93.73 0.19 0.00	106.85 0.11 -0.50	101.53 0.30 0.00	92.46 0.92 0.00	82.99 0.74 0.00	75.82 0.45 0.00	64.23 0.26 0.00	57.22 0.40 0.00
DAHOWA__HYDRO 323763	49.79 2.24 0.00	45.85 1.98 0.00	41.20 1.89 0.00	39.87 1.72 0.00	40.35 1.78 0.00	42.12 1.93 0.00	43.54 1.92 0.00	50.64 1.95 0.00	55.62 2.09 0.00	56.95 2.03 0.00	58.86 1.71 0.00	62.56 1.70 0.00	68.06 1.72 0.00	77.53 2.26 0.00	84.00 2.60 0.00	83.44 2.35 0.00	96.45 2.90 0.00	109.96 3.72 0.00	106.19 4.96 0.00	96.39 4.85 0.00	87.22 4.93 -0.04	79.06 3.69 0.00	66.73 2.75 0.00	59.26 2.44 0.00
DANC__LFGE 323619	48.88 1.33 0.00	45.02 1.14 0.00	40.22 0.90 0.00	38.96 0.80 0.00	39.39 0.81 0.00	41.19 1.01 0.00	42.70 1.08 0.00	49.95 1.26 0.00	55.14 1.60 0.00	56.45 1.54 0.00	58.63 1.48 0.00	62.38 1.52 0.00	68.13 1.79 0.00	77.53 2.26 0.00	82.86 1.47 0.00	82.38 1.29 0.00	95.23 1.69 0.00	108.96 2.01 -0.70	104.06 2.83 0.00	95.02 3.48 0.00	85.20 2.96 0.00	78.23 2.86 0.00	65.96 1.99 0.00	58.64 1.82 0.00
DANSKAMMER__1 23586	50.36 2.81 0.00	46.33 2.46 0.00	41.55 2.24 0.00	40.33 2.17 0.00	40.66 2.08 0.00	42.44 2.25 0.00	44.20 2.58 0.00	51.27 2.58 0.00	56.05 2.52 0.00	57.44 2.53 0.00	59.78 2.63 0.00	63.54 2.67 0.00	69.52 3.18 0.00	79.03 3.76 0.00	86.11 4.72 0.00	86.11 5.03 0.00	99.35 5.80 0.00	113.14 6.90 0.00	107.51 6.28 0.00	97.03 5.49 0.00	87.43 5.18 0.00	78.76 3.39 0.00	66.54 2.56 0.00	59.49 2.67 0.00
DANSKAMMER__2 23589	50.36 2.81 0.00	46.33 2.46 0.00	41.55 2.24 0.00	40.33 2.17 0.00	40.66 2.08 0.00	42.44 2.25 0.00	44.20 2.58 0.00	51.27 2.58 0.00	56.05 2.52 0.00	57.44 2.53 0.00	59.78 2.63 0.00	63.54 2.67 0.00	69.52 3.18 0.00	79.03 3.76 0.00	86.11 4.72 0.00	86.11 5.03 0.00	99.35 5.80 0.00	113.14 6.90 0.00	107.51 6.28 0.00	97.03 5.49 0.00	87.43 5.18 0.00	78.76 3.39 0.00	66.54 2.56 0.00	59.49 2.67 0.00
DANSKAMMER__3 23590	50.36 2.81 0.00	46.33 2.46 0.00	41.55 2.24 0.00	40.33 2.17 0.00	40.66 2.08 0.00	42.44 2.25 0.00	44.20 2.58 0.00	51.27 2.58 0.00	56.05 2.52 0.00	57.44 2.53 0.00	59.78 2.63 0.00	63.54 2.67 0.00	69.52 3.18 0.00	79.03 3.76 0.00	86.11 4.72 0.00	86.11 5.03 0.00	99.35 5.80 0.00	113.14 6.90 0.00	107.51 6.28 0.00	97.03 5.49 0.00	87.43 5.18 0.00	78.76 3.39 0.00	66.54 2.56 0.00	59.49 2.67 0.00

DANSKAMMER___4 23591	50.36 2.81 0.00	46.33 2.46 0.00	41.55 2.24 0.00	40.33 2.17 0.00	40.66 2.08 0.00	42.44 2.25 0.00	44.20 2.58 0.00	51.27 2.58 0.00	56.05 2.52 0.00	57.44 2.53 0.00	59.78 2.63 0.00	63.54 2.67 0.00	69.52 3.18 0.00	79.03 3.76 0.00	86.11 4.72 0.00	86.11 5.03 0.00	99.35 5.80 0.00	113.14 6.90 0.00	107.51 6.28 0.00	97.03 5.49 0.00	87.43 5.18 0.00	78.76 3.39 0.00	66.54 2.56 0.00	59.49 2.67 0.00
DANSKAMMER___DIESEL 23592	50.36 2.81 0.00	46.33 2.46 0.00	41.55 2.24 0.00	40.33 2.17 0.00	40.70 2.12 0.00	42.44 2.25 0.00	44.20 2.58 0.00	51.27 2.58 0.00	56.05 2.52 0.00	57.44 2.53 0.00	59.77 2.63 0.00	63.54 2.68 0.00	69.52 3.18 0.00	79.03 3.76 0.00	86.03 4.64 0.00	86.11 5.03 0.00	99.44 5.89 0.00	113.25 7.01 0.00	107.50 6.28 0.00	97.03 5.49 0.00	87.51 5.26 0.00	78.83 3.47 0.00	66.54 2.56 0.00	59.49 2.67 0.00
DARBY___SOLAR 323810	49.70 2.14 0.00	45.76 1.89 0.00	41.12 1.81 0.00	39.80 1.64 0.00	40.27 1.70 0.00	42.00 1.81 0.00	43.41 1.79 0.00	50.54 1.85 0.00	55.46 1.92 0.00	56.78 1.87 0.00	58.74 1.60 0.00	62.44 1.58 0.00	67.93 1.59 0.00	77.30 2.03 0.00	83.83 2.44 0.00	83.35 2.27 0.00	96.45 2.90 0.00	109.86 3.61 0.00	105.99 4.76 0.00	96.12 4.58 0.00	86.89 4.60 -0.04	78.83 3.47 0.00	66.54 2.56 0.00	59.10 2.28 0.00
DASHVILLE___HYD 23610	49.51 2.57 0.61	45.82 2.24 0.30	41.12 1.81 0.00	39.95 1.79 0.00	40.31 1.74 0.00	42.04 1.85 0.00	43.87 2.37 0.12	50.37 2.39 0.70	54.85 2.41 1.10	56.12 2.42 1.21	58.41 2.51 1.25	61.87 2.56 1.55	67.37 3.05 2.02	76.11 3.61 2.78	82.62 4.56 3.33	82.64 4.87 3.31	94.89 5.71 4.36	107.59 6.80 5.45	102.26 6.07 5.04	96.59 5.40 0.35	87.09 4.85 0.00	75.96 3.39 2.80	64.66 2.50 1.81	58.15 2.56 1.22
DELAWARE___LFGE 323621	49.36 1.81 0.00	45.50 1.62 0.00	40.77 1.45 0.00	39.72 1.56 0.00	40.16 1.58 0.00	41.84 1.65 0.00	43.25 1.62 0.00	50.34 1.66 0.00	55.36 1.82 0.00	56.84 1.92 0.00	59.09 1.94 0.00	62.99 2.13 0.00	68.86 2.52 0.00	78.28 3.01 0.00	84.40 3.01 0.00	84.09 3.00 0.00	97.01 3.46 0.00	110.17 3.93 0.00	105.07 3.85 0.00	95.29 3.75 0.00	85.78 3.54 0.00	78.23 2.86 0.00	66.09 2.11 0.00	58.92 2.10 0.00
DERFIELD_115KV_TB7 355931	47.84 0.29 0.00	44.14 0.26 0.00	39.55 0.24 0.00	38.38 0.23 0.00	38.81 0.23 0.00	40.47 0.28 0.00	41.91 0.29 0.00	48.93 0.24 0.00	53.80 0.27 0.00	55.19 0.27 0.00	57.37 0.23 0.00	61.11 0.24 0.00	66.67 0.33 0.00	75.72 0.45 0.00	81.88 0.49 0.00	81.57 0.49 0.00	94.11 0.56 0.00	106.88 0.64 0.00	101.94 0.71 0.00	92.18 0.64 0.00	82.90 0.66 0.00	75.74 0.38 0.00	64.17 0.19 0.00	57.11 0.28 0.00
DOGLEVILLE___HYD 23807	47.27 -0.29 0.00	43.57 -0.31 0.00	39.00 -0.31 0.00	37.93 -0.23 0.00	38.34 -0.23 0.00	40.07 -0.12 0.00	41.50 -0.12 0.00	48.49 -0.19 0.00	53.32 -0.21 0.00	54.64 -0.27 0.00	56.80 -0.34 0.00	60.50 -0.37 0.00	65.94 -0.40 0.00	74.89 -0.38 0.00	80.74 -0.65 0.00	80.44 -0.65 0.00	92.80 -0.75 0.00	105.39 -0.85 0.00	100.62 -0.61 0.00	90.99 -0.55 0.00	81.84 -0.41 0.00	74.84 -0.53 0.00	63.46 -0.51 0.00	56.42 -0.40 0.00
DUNKIRK___115KV_TB_200 55889	49.69 2.14 0.00	46.69 2.81 0.00	41.40 2.08 0.00	39.30 1.14 0.00	39.23 0.66 0.00	40.95 0.76 0.00	42.25 0.62 0.00	48.15 -0.54 0.00	53.91 0.37 0.00	56.18 1.26 0.00	58.52 1.37 0.00	63.05 2.19 0.00	70.12 3.78 0.00	79.79 4.52 0.00	84.40 3.01 0.00	83.92 2.84 0.00	96.73 3.18 0.00	108.37 2.12 0.00	104.16 2.94 0.00	96.30 4.76 0.00	86.11 3.87 0.00	78.76 3.39 0.00	67.62 3.65 0.00	61.82 5.00 0.00
DUNKIRK___1 23563	49.69 2.14 0.00	46.69 2.81 0.00	41.40 2.08 0.00	39.30 1.14 0.00	39.23 0.66 0.00	40.95 0.76 0.00	42.25 0.62 0.00	48.15 -0.54 0.00	53.91 0.37 0.00	56.18 1.26 0.00	58.52 1.37 0.00	63.05 2.19 0.00	70.12 3.78 0.00	79.79 4.52 0.00	84.40 3.01 0.00	83.92 2.84 0.00	96.73 3.18 0.00	108.37 2.12 0.00	104.16 2.94 0.00	96.30 4.76 0.00	86.11 3.87 0.00	78.76 3.39 0.00	67.62 3.65 0.00	61.82 5.00 0.00
DUNKIRK___2 23564	49.69 2.14 0.00	46.69 2.81 0.00	41.40 2.08 0.00	39.30 1.14 0.00	39.23 0.66 0.00	40.95 0.76 0.00	42.25 0.62 0.00	48.15 -0.54 0.00	53.91 0.37 0.00	56.18 1.26 0.00	58.52 1.37 0.00	63.05 2.19 0.00	70.12 3.78 0.00	79.79 4.52 0.00	84.40 3.01 0.00	83.92 2.84 0.00	96.73 3.18 0.00	108.37 2.12 0.00	104.16 2.94 0.00	96.30 4.76 0.00	86.11 3.87 0.00	78.76 3.39 0.00	67.62 3.65 0.00	61.82 5.00 0.00
DUNKIRK___3 23565	49.41 1.85 0.00	46.47 2.59 0.00	41.16 1.85 0.00	39.11 0.95 0.00	39.04 0.46 0.00	40.71 0.52 0.00	42.00 0.37 0.00	47.81 -0.88 0.00	53.54 0.00 0.00	55.79 0.88 0.00	58.12 0.97 0.00	62.63 1.77 0.00	69.66 3.32 0.00	79.26 3.99 0.00	83.83 2.44 0.00	83.36 2.27 0.00	95.98 2.43 0.00	107.62 1.38 0.00	103.35 2.13 0.00	95.57 4.03 0.00	85.54 3.29 0.00	78.23 2.86 0.00	67.18 3.20 0.00	61.42 4.60 0.00
DUNKIRK___4 23566	49.41 1.85 0.00	46.47 2.59 0.00	41.16 1.85 0.00	39.11 0.95 0.00	39.04 0.46 0.00	40.71 0.52 0.00	42.00 0.37 0.00	47.81 -0.88 0.00	53.54 0.00 0.00	55.79 0.88 0.00	58.12 0.97 0.00	62.63 1.77 0.00	69.66 3.32 0.00	79.26 3.99 0.00	83.83 2.44 0.00	83.36 2.27 0.00	95.98 2.43 0.00	107.62 1.38 0.00	103.35 2.13 0.00	95.57 4.03 0.00	85.54 3.29 0.00	78.23 2.86 0.00	67.18 3.20 0.00	61.42 4.60 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.50 2.95 0.00	46.47 2.59 0.00	41.71 2.40 0.00	40.41 2.25 0.00	40.74 2.16 0.00	42.56 2.37 0.00	44.45 2.83 0.00	51.46 2.78 0.00	56.37 2.84 0.00	57.77 2.86 0.00	60.12 2.97 0.00	63.91 3.04 0.00	69.92 3.58 0.00	79.49 4.22 0.00	86.68 5.29 0.00	87.00 5.92 0.00	100.37 6.83 0.00	114.21 7.97 0.00	108.01 6.78 0.00	97.40 5.86 0.00	87.67 5.43 0.00	78.76 3.39 0.00	66.41 2.43 0.00	59.44 2.61 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.03 2.47 0.00	46.03 2.15 0.00	41.28 1.97 0.00	40.06 1.91 0.00	40.43 1.85 0.00	42.16 1.97 0.00	43.91 2.29 0.00	50.93 2.24 0.00	55.84 2.30 0.00	57.22 2.31 0.00	59.55 2.40 0.00	63.30 2.43 0.00	69.26 2.92 0.00	78.73 3.46 0.00	85.71 4.31 0.00	85.79 4.70 0.00	99.07 5.52 0.00	112.72 6.48 0.00	107.00 5.77 0.00	96.67 5.13 0.00	87.10 4.85 0.00	78.53 3.17 0.00	66.28 2.30 0.00	59.27 2.44 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	51.03 3.47 -0.01	46.96 3.07 -0.01	42.11 2.79 -0.01	40.76 2.59 -0.01	41.13 2.55 -0.01	42.92 2.73 0.00	44.88 3.25 -0.01	51.76 3.07 0.00	56.37 2.84 0.00	57.83 2.91 0.00	60.00 2.86 0.00	63.84 2.98 0.00	69.72 3.38 0.00	79.25 3.99 0.01	86.68 5.29 0.00	87.26 6.16 -0.01	100.66 7.11 -0.01	114.43 8.18 -0.01	107.80 6.58 0.01	97.21 5.68 0.01	87.60 5.35 -0.01	78.52 3.17 0.01	66.15 2.18 0.01	59.49 2.67 0.00

E179THST_13_KV_LOAD 356214	51.32 3.76 -0.01	47.22 3.33 -0.01	42.35 3.03 -0.01	40.99 2.82 -0.01	41.36 2.78 -0.01	43.12 2.93 0.00	45.17 3.54 -0.01	52.05 3.36 0.00	56.75 3.21 0.00	58.21 3.29 0.00	60.40 3.26 0.00	64.33 3.47 0.00	70.25 3.91 0.00	79.86 4.59 0.01	87.33 5.94 0.00	87.90 6.81 -0.01	101.41 7.86 -0.01	115.28 9.03 -0.01	108.61 7.39 0.01	97.94 6.41 0.01	88.26 6.00 -0.01	79.12 3.77 0.01	66.66 2.69 0.01	59.89 3.07 0.00
EAST HAMPTON___GT 23717	53.35 5.80 0.00	49.41 5.53 -0.01	44.27 4.95 0.00	42.69 4.54 0.00	43.24 4.67 0.00	45.14 4.94 -0.01	47.13 5.49 -0.01	53.85 5.16 0.00	57.68 4.39 0.25	58.79 4.67 0.79	62.58 5.60 0.16	66.66 6.21 0.41	73.42 7.49 0.41	83.20 8.50 0.58	91.36 10.42 0.46	92.19 11.11 0.00	105.94 13.00 0.61	120.77 15.83 1.30	114.55 14.28 0.96	102.52 10.98 0.00	89.97 7.73 0.01	78.86 5.13 1.63	65.06 3.97 2.88	58.81 3.47 1.48
EAST RIVER___6 23660	50.69 3.14 0.00	46.64 2.77 0.00	41.83 2.52 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.68 2.49 0.00	44.62 3.00 0.00	51.76 3.07 0.00	56.64 3.10 0.00	58.10 3.18 0.00	60.40 3.26 0.00	64.21 3.35 0.00	70.25 3.91 0.00	79.79 4.52 0.00	87.17 5.78 0.00	87.41 6.33 0.00	100.85 7.30 0.00	114.53 8.29 0.00	108.21 6.98 0.00	97.49 5.95 0.00	87.84 5.60 0.00	78.68 3.31 0.00	66.47 2.49 0.00	59.61 2.78 0.00
EAST RIVER___7 23524	50.69 3.14 0.00	46.64 2.77 0.00	41.83 2.52 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.68 2.49 0.00	44.62 3.00 0.00	51.76 3.07 0.00	56.64 3.10 0.00	58.10 3.18 0.00	60.40 3.26 0.00	64.21 3.35 0.00	70.25 3.91 0.00	79.79 4.52 0.00	87.17 5.78 0.00	87.41 6.33 0.00	100.85 7.30 0.00	114.53 8.29 0.00	108.21 6.98 0.00	97.49 5.95 0.00	87.84 5.60 0.00	78.68 3.31 0.00	66.47 2.49 0.00	59.61 2.78 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.41 2.85 0.00	46.38 2.50 0.00	41.59 2.28 0.00	40.29 2.14 0.00	40.66 2.08 0.00	42.44 2.25 0.00	44.33 2.71 0.00	51.37 2.68 0.00	56.21 2.68 0.00	57.61 2.69 0.00	59.95 2.80 0.00	63.78 2.92 0.00	69.72 3.38 0.00	79.26 3.99 0.00	86.44 5.05 0.00	86.68 5.59 0.00	100.09 6.55 0.00	113.89 7.65 0.00	107.71 6.48 0.00	97.12 5.58 0.00	87.43 5.18 0.00	78.61 3.24 0.00	66.28 2.30 0.00	59.32 2.50 0.00
EAST_HAMPTON___DIESEL 23722	53.35 5.80 0.00	49.41 5.53 -0.01	44.27 4.95 0.00	42.69 4.54 0.00	43.28 4.70 0.00	45.18 4.98 -0.01	47.13 5.49 -0.01	53.85 5.16 0.00	57.68 4.39 0.25	58.85 4.72 0.79	62.58 5.60 0.16	66.66 6.21 0.41	73.42 7.49 0.41	83.20 8.50 0.58	91.36 10.42 0.46	92.19 11.11 0.00	105.85 12.91 0.61	120.77 15.83 1.30	114.55 14.28 0.96	102.52 10.98 0.00	89.89 7.65 0.01	78.78 5.05 1.63	65.00 3.90 2.88	58.81 3.47 1.48
EAST_POINT___SOLAR 323840	52.26 4.71 0.00	48.09 4.21 0.00	43.09 3.77 0.00	41.70 3.55 0.00	42.24 3.67 0.00	44.17 3.98 0.00	45.29 3.66 0.00	52.24 3.55 0.00	57.07 3.53 0.00	57.99 3.07 0.00	59.95 2.80 0.00	63.72 2.86 0.00	69.52 3.18 0.00	79.86 4.59 0.00	85.87 4.47 0.00	84.90 3.81 0.00	98.04 4.49 0.00	112.72 6.48 0.00	109.73 8.50 0.00	101.06 9.52 0.00	91.62 9.37 0.00	83.43 8.07 0.00	70.31 6.34 0.00	62.39 5.57 0.00
EAST_PULASKI___ESR 323781	47.98 0.43 0.00	44.27 0.39 0.00	39.55 0.24 0.00	38.27 0.11 0.00	38.69 0.12 0.00	40.35 0.16 0.00	41.83 0.21 0.00	48.84 0.15 0.00	53.70 0.16 0.00	55.03 0.11 0.00	57.26 0.11 0.00	61.05 0.18 0.00	66.74 0.40 0.00	75.87 0.60 0.00	81.56 0.16 0.00	81.09 0.00 0.00	93.55 0.00 0.00	107.29 0.00 -1.05	101.63 0.41 0.00	92.73 1.19 0.00	83.24 0.99 0.00	76.27 0.91 0.00	64.49 0.51 0.00	57.33 0.51 0.00
EAST_RIVER___1 323558	50.74 3.19 0.00	46.69 2.81 0.00	41.87 2.55 0.00	40.52 2.37 0.00	40.89 2.31 0.00	42.72 2.53 0.00	44.70 3.08 0.00	51.81 3.12 0.00	56.69 3.16 0.00	58.16 3.24 0.00	60.46 3.31 0.00	64.27 3.41 0.00	70.32 3.98 0.00	79.79 4.52 0.00	87.26 5.86 0.00	87.49 6.40 0.00	100.93 7.39 0.00	114.75 8.50 0.00	108.42 7.19 0.00	97.67 6.13 0.00	88.00 5.76 0.00	78.83 3.47 0.00	66.54 2.56 0.00	59.66 2.84 0.00
EAST_RIVER___2 323559	50.69 3.14 0.00	46.64 2.77 0.00	41.83 2.52 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.68 2.49 0.00	44.62 3.00 0.00	51.76 3.07 0.00	56.64 3.10 0.00	58.10 3.18 0.00	60.40 3.26 0.00	64.21 3.35 0.00	70.25 3.91 0.00	79.79 4.52 0.00	87.17 5.78 0.00	87.41 6.33 0.00	100.85 7.30 0.00	114.53 8.29 0.00	108.21 6.98 0.00	97.49 5.95 0.00	87.84 5.60 0.00	78.68 3.31 0.00	66.47 2.49 0.00	59.61 2.78 0.00
EAST___DELAWARE_HYD 23607	49.59 2.24 0.20	45.67 1.89 0.10	41.04 1.73 0.00	39.87 1.72 0.00	40.20 1.62 0.00	41.95 1.77 0.00	43.62 2.04 0.04	50.46 2.00 0.23	55.22 2.03 0.35	56.61 2.09 0.39	58.86 2.12 0.40	62.49 2.13 0.50	68.27 2.58 0.65	77.61 3.23 0.90	84.22 3.91 1.08	84.23 4.21 1.07	97.09 4.95 1.41	110.53 6.05 1.76	105.16 5.56 1.63	96.27 4.85 0.11	86.93 4.69 0.00	77.55 3.09 0.90	65.63 2.24 0.59	58.70 2.28 0.40
EIGHT_POINT___WT_PWR 323820	50.07 2.52 0.00	46.55 2.68 0.00	41.51 2.20 0.00	39.68 1.53 0.00	39.77 1.20 0.00	41.47 1.29 0.00	42.87 1.25 0.00	49.37 0.68 0.00	54.50 0.96 0.00	56.07 1.16 0.00	58.35 1.20 0.00	62.81 1.95 0.00	69.39 3.05 0.00	78.96 3.69 0.00	84.73 3.34 0.00	83.76 2.67 0.00	96.63 3.08 0.00	109.43 3.18 0.00	105.17 3.94 0.00	97.40 5.86 0.00	87.67 5.43 0.00	80.56 5.20 0.00	68.33 4.35 0.00	61.71 4.89 0.00
ELBRIDGE_115KV_TB2 80188	47.70 0.14 0.00	44.10 0.22 0.00	39.43 0.12 0.00	38.08 -0.08 0.00	38.46 -0.12 0.00	40.07 -0.12 0.00	41.46 -0.17 0.00	48.30 -0.39 0.00	53.32 -0.21 0.00	54.70 -0.22 0.00	57.03 -0.11 0.00	60.86 0.00 0.00	66.74 0.40 0.00	75.87 0.60 0.00	81.64 0.24 0.00	81.25 0.16 0.00	93.55 0.00 0.00	106.75 0.00 -0.51	101.43 0.20 0.00	92.36 0.82 0.00	82.99 0.74 0.00	75.82 0.45 0.00	64.30 0.32 0.00	57.33 0.51 0.00
ELEC_TRO_TEK 24086	51.26 3.71 0.00	47.21 3.33 0.00	42.34 3.03 0.00	40.94 2.79 0.00	41.39 2.82 0.00	43.20 3.01 0.00	45.08 3.45 0.00	51.76 3.07 0.00	55.83 2.36 0.06	56.87 2.14 0.19	59.72 2.57 0.00	63.60 2.74 0.00	69.72 3.38 0.00	79.11 3.84 0.00	86.52 5.13 0.00	86.92 5.84 0.00	100.56 7.02 0.00	114.74 8.50 0.00	108.62 7.39 0.00	97.31 5.77 0.00	86.85 4.61 0.01	77.62 2.64 0.39	65.63 1.79 0.14	58.47 1.99 0.34
ELLENBURG_WT_PWR 323604	46.37 -1.19 0.00	42.82 -1.05 0.00	38.45 -0.87 0.00	37.35 -0.80 0.00	37.92 -0.66 0.00	39.47 -0.72 0.00	41.00 -0.62 0.00	48.30 -0.39 0.00	53.05 -0.48 0.00	54.37 -0.55 0.00	56.57 -0.57 0.00	60.19 -0.67 0.00	65.27 -1.06 0.00	73.84 -1.43 0.00	79.68 -1.71 0.00	79.46 -1.62 0.00	91.68 -1.87 0.00	104.33 -1.91 0.00	99.30 -1.93 0.00	89.80 -1.74 0.00	80.44 -1.81 0.00	74.31 -1.06 0.00	63.34 -0.64 0.00	55.80 -1.02 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	48.79 1.24 0.00	45.98 2.11 0.00	40.73 1.42 0.00	38.69 0.53 0.00	38.61 0.04 0.00	40.23 0.04 0.00	41.42 -0.21 0.00	47.08 -1.61 0.00	52.79 -0.75 0.00	54.97 0.05 0.00	57.26 0.11 0.00	61.65 0.79 0.00	68.59 2.26 0.00	78.06 2.79 0.00	82.61 1.22 0.00	82.06 0.97 0.00	94.58 1.03 0.00	106.03 -0.21 0.00	101.73 0.51 0.00	94.01 2.47 0.00	84.14 1.89 0.00	77.02 1.66 0.00	66.15 2.18 0.00	60.63 3.81 0.00
EMPIRE_CC_1 323656	48.27 0.71 0.00	44.54 0.66 0.00	40.02 0.71 0.00	38.84 0.69 0.00	39.27 0.70 0.00	40.99 0.80 0.00	42.50 0.88 0.00	49.32 0.63 0.00	54.02 0.48 0.00	55.30 0.39 0.00	57.49 0.34 0.00	61.05 0.18 0.00	66.60 0.27 0.00	75.57 0.30 0.00	82.29 0.90 0.00	82.06 0.98 0.00	94.76 1.21 0.00	107.84 1.60 0.00	103.15 1.92 0.00	93.19 1.65 0.00	84.01 1.81 0.05	75.96 0.60 0.00	64.23 0.26 0.00	57.27 0.45 0.00
EMPIRE_CC_2 323658	48.27 0.71 0.00	44.54 0.66 0.00	40.02 0.71 0.00	38.84 0.69 0.00	39.27 0.70 0.00	40.99 0.80 0.00	42.50 0.88 0.00	49.32 0.63 0.00	54.02 0.48 0.00	55.30 0.39 0.00	57.49 0.34 0.00	61.05 0.18 0.00	66.60 0.27 0.00	75.57 0.30 0.00	82.29 0.90 0.00	82.06 0.98 0.00	94.76 1.21 0.00	107.84 1.60 0.00	103.15 1.92 0.00	93.19 1.65 0.00	84.01 1.81 0.05	75.96 0.60 0.00	64.23 0.26 0.00	57.27 0.45 0.00
ENORWICH_115KV_TB1 80156	51.93 4.37 0.00	47.91 4.04 0.00	42.77 3.46 0.00	41.51 3.36 0.00	41.85 3.28 0.00	43.92 3.74 0.00	45.66 4.04 0.00	53.17 4.48 0.00	58.67 5.14 0.00	60.02 5.11 0.00	62.23 5.09 0.00	66.46 5.60 0.00	72.84 6.50 0.00	83.10 7.83 0.00	87.99 6.59 0.00	87.57 6.49 0.00	101.59 8.04 0.00	115.91 9.67 0.00	111.76 10.53 0.00	102.16 10.62 0.00	91.95 9.71 0.00	84.11 8.74 0.00	70.69 6.72 0.00	63.07 6.25 0.00
ERIE_ST__34_KV_TB1-2 80199	48.98 1.43 0.00	45.98 2.11 0.00	40.81 1.49 0.00	38.77 0.61 0.00	38.65 0.08 0.00	40.35 0.16 0.00	41.58 -0.04 0.00	47.52 -1.17 0.00	53.27 -0.27 0.00	55.52 0.60 0.00	57.83 0.69 0.00	62.38 1.52 0.00	69.39 3.05 0.00	79.03 3.76 0.00	83.67 2.28 0.00	83.27 2.19 0.00	95.98 2.43 0.00	107.62 1.38 0.00	103.25 2.02 0.00	95.29 3.75 0.00	85.29 3.04 0.00	78.00 2.64 0.00	66.92 2.94 0.00	60.97 4.15 0.00
ERIE_WT_PWR 323693	49.17 1.62 0.00	46.20 2.32 0.00	40.93 1.61 0.00	38.88 0.72 0.00	38.85 0.27 0.00	40.43 0.24 0.00	41.66 0.04 0.00	47.42 -1.27 0.00	53.16 -0.37 0.00	55.30 0.39 0.00	57.60 0.46 0.00	62.26 1.40 0.00	69.06 2.72 0.00	78.58 3.31 0.00	83.92 2.53 0.00	82.79 1.71 0.00	95.42 1.87 0.00	106.99 0.75 0.00	102.64 1.42 0.00	95.02 3.48 0.00	84.88 2.63 0.00	78.15 2.79 0.00	66.66 2.69 0.00	60.97 4.15 0.00
ESPRGFLD_115KV_TB1 80157	51.36 3.80 0.00	47.30 3.42 0.00	42.34 3.03 0.00	41.13 2.98 0.00	41.58 3.01 0.00	43.44 3.26 0.00	44.87 3.25 0.00	52.19 3.51 0.00	57.44 3.91 0.00	58.82 3.90 0.00	61.09 3.94 0.00	65.06 4.20 0.00	71.11 4.78 0.00	81.14 5.87 0.00	87.09 5.70 0.00	86.52 5.43 0.00	100.00 6.45 0.00	113.89 7.65 0.00	109.43 8.20 0.00	99.69 8.15 0.00	89.90 7.65 0.00	81.92 6.56 0.00	69.09 5.12 0.00	61.48 4.66 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	49.22 1.66 0.00	45.41 1.54 0.00	40.65 1.34 0.00	39.26 1.11 0.00	39.62 1.04 0.00	41.31 1.13 0.00	42.79 1.17 0.00	49.71 1.02 0.00	54.87 1.34 0.00	56.23 1.32 0.00	58.52 1.37 0.00	62.45 1.58 0.00	68.46 2.12 0.00	77.98 2.71 0.00	83.75 2.36 0.00	83.27 2.19 0.00	96.17 2.62 0.00	109.43 3.19 0.00	104.87 3.64 0.00	95.66 4.12 0.00	86.03 3.78 0.00	78.61 3.24 0.00	66.54 2.56 0.00	59.38 2.56 0.00
ETNA____115KV_TB2 80207	49.22 1.66 0.00	45.41 1.54 0.00	40.65 1.34 0.00	39.26 1.11 0.00	39.62 1.04 0.00	41.31 1.13 0.00	42.79 1.17 0.00	49.71 1.02 0.00	54.87 1.34 0.00	56.23 1.32 0.00	58.52 1.37 0.00	62.45 1.58 0.00	68.46 2.12 0.00	77.98 2.71 0.00	83.75 2.36 0.00	83.27 2.19 0.00	96.17 2.62 0.00	109.43 3.19 0.00	104.87 3.64 0.00	95.66 4.12 0.00	86.03 3.78 0.00	78.61 3.24 0.00	66.54 2.56 0.00	59.38 2.56 0.00
EUCLID__115KV_TB2 356179	47.36 -0.19 0.00	43.79 -0.09 0.00	39.16 -0.16 0.00	37.85 -0.31 0.00	38.23 -0.35 0.00	39.83 -0.36 0.00	41.21 -0.42 0.00	48.01 -0.68 0.00	53.00 -0.54 0.00	54.42 -0.49 0.00	56.75 -0.40 0.00	60.56 -0.30 0.00	66.34 0.00 0.00	75.42 0.15 0.00	81.23 -0.16 0.00	80.76 -0.32 0.00	93.17 -0.37 0.00	105.95 -0.53 0.00	100.82 -0.40 0.00	91.72 0.18 0.00	82.33 0.08 0.00	75.29 -0.08 0.00	63.78 -0.19 0.00	56.88 0.06 0.00
E_CANADA_CAP_HY 24051	52.02 4.47 0.00	47.91 4.03 0.00	42.93 3.61 0.00	41.59 3.44 0.00	42.09 3.51 0.00	43.96 3.78 0.00	45.33 3.70 0.00	52.59 3.90 0.00	57.66 4.12 0.00	58.82 3.90 0.00	60.98 3.83 0.00	64.82 3.95 0.00	70.72 4.38 0.00	80.84 5.57 0.00	87.17 5.78 0.00	86.44 5.35 0.00	99.91 6.36 0.00	114.21 7.97 0.00	110.44 9.21 0.00	100.97 9.43 0.00	91.21 8.97 0.00	83.06 7.69 0.00	69.99 6.01 0.00	62.16 5.34 0.00
E_CANADA_MHWK_HY 24050	47.27 -0.28 0.00	43.57 -0.31 0.00	39.00 -0.32 0.00	37.93 -0.23 0.00	38.35 -0.23 0.00	40.07 -0.12 0.00	41.50 -0.12 0.00	48.49 -0.19 0.00	53.32 -0.21 0.00	54.64 -0.27 0.00	56.81 -0.34 0.00	60.50 -0.36 0.00	65.94 -0.40 0.00	74.90 -0.37 0.00	80.74 -0.65 0.00	80.43 -0.65 0.00	92.79 -0.75 0.00	105.39 -0.85 0.00	100.62 -0.60 0.00	90.99 -0.55 0.00	81.84 -0.41 0.00	74.84 -0.52 0.00	63.46 -0.51 0.00	56.43 -0.39 0.00
E_FISHKILL__LBMP 23776	49.84 2.28 0.00	45.85 1.97 0.00	41.16 1.85 0.00	39.91 1.76 0.00	40.31 1.74 0.00	42.08 1.89 0.00	43.83 2.21 0.00	50.78 2.09 0.00	55.62 2.09 0.00	57.00 2.09 0.00	59.26 2.11 0.00	62.99 2.13 0.00	68.93 2.59 0.00	78.28 3.01 0.00	85.30 3.91 0.00	85.46 4.38 0.00	98.69 5.15 0.00	112.19 5.95 0.00	106.49 5.26 0.00	96.03 4.49 0.00	86.52 4.28 0.00	77.93 2.56 0.00	65.70 1.73 0.00	58.81 1.99 0.00
FALCON__SEABRD_CC1 323796	46.32 -1.24 0.00	42.82 -1.05 0.00	38.45 -0.87 0.00	37.35 -0.80 0.00	37.92 -0.66 0.00	39.47 -0.72 0.00	41.04 -0.58 0.00	48.11 -0.58 0.00	52.84 -0.70 0.00	54.15 -0.77 0.00	56.35 -0.80 0.00	60.01 -0.85 0.00	65.08 -1.26 0.00	73.61 -1.66 0.00	79.36 -2.03 0.00	79.22 -1.86 0.00	91.30 -2.25 0.00	104.01 -2.24 0.00	98.90 -2.32 0.00	89.53 -2.01 0.00	80.19 -2.05 0.00	74.08 -1.28 0.00	63.08 -0.90 0.00	55.57 -1.25 0.00
FALCON__SEABRD_CC2 323797	46.32 -1.24 0.00	42.82 -1.05 0.00	38.45 -0.87 0.00	37.35 -0.80 0.00	37.92 -0.66 0.00	39.47 -0.72 0.00	41.04 -0.58 0.00	48.11 -0.58 0.00	52.84 -0.70 0.00	54.15 -0.77 0.00	56.35 -0.80 0.00	60.01 -0.85 0.00	65.08 -1.26 0.00	73.61 -1.66 0.00	79.36 -2.03 0.00	79.22 -1.86 0.00	91.30 -2.25 0.00	104.01 -2.24 0.00	98.90 -2.32 0.00	89.53 -2.01 0.00	80.19 -2.05 0.00	74.08 -1.28 0.00	63.08 -0.90 0.00	55.57 -1.25 0.00

FAR ROCKAWAY___4 23548	52.21 4.66 0.00	48.05 4.17 0.00	43.09 3.77 0.00	41.59 3.43 0.00	42.09 3.51 0.00	43.92 3.74 0.00	45.83 4.20 0.00	52.58 3.90 0.00	56.77 3.27 0.03	57.96 3.13 0.09	60.92 3.77 0.00	64.94 4.08 0.00	71.31 4.98 0.00	80.99 5.72 0.00	88.55 7.16 0.00	88.95 7.87 0.00	103.64 9.45 -0.64	118.70 11.16 -1.31	112.17 9.92 -1.02	99.69 8.15 0.00	88.74 6.50 0.01	79.56 4.37 0.17	68.11 3.26 -0.87	59.91 3.24 0.15
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.79 3.23 0.00	46.69 2.81 0.00	41.87 2.56 0.00	40.52 2.37 0.00	40.89 2.31 0.00	42.72 2.53 0.00	44.70 3.08 0.00	51.80 3.12 0.00	56.75 3.21 0.00	58.16 3.24 0.00	60.46 3.31 0.00	64.27 3.41 0.00	70.32 3.98 0.00	79.79 4.52 0.00	87.17 5.78 0.00	87.49 6.41 0.00	100.94 7.39 0.00	114.85 8.61 0.00	108.41 7.19 0.00	97.67 6.13 0.00	88.00 5.76 0.00	78.91 3.54 0.00	66.54 2.56 0.00	59.66 2.84 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.79 3.23 0.00	46.69 2.81 0.00	41.87 2.56 0.00	40.56 2.40 0.00	40.93 2.35 0.00	42.72 2.53 0.00	44.70 3.08 0.00	51.80 3.12 0.00	56.69 3.16 0.00	58.10 3.19 0.00	60.46 3.31 0.00	64.27 3.41 0.00	70.25 3.91 0.00	79.79 4.52 0.00	87.09 5.70 0.00	87.49 6.41 0.00	100.94 7.39 0.00	114.74 8.50 0.00	108.41 7.19 0.00	97.76 6.22 0.00	88.00 5.76 0.00	78.91 3.54 0.00	66.54 2.56 0.00	59.66 2.84 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.74 3.19 0.00	46.64 2.76 0.00	41.83 2.52 0.00	40.52 2.37 0.00	40.89 2.31 0.00	42.72 2.53 0.00	44.66 3.04 0.00	51.76 3.07 0.00	56.69 3.16 0.00	58.10 3.19 0.00	60.40 3.26 0.00	64.21 3.35 0.00	70.25 3.91 0.00	79.71 4.44 0.00	87.09 5.70 0.00	87.41 6.32 0.00	100.84 7.30 0.00	114.64 8.39 0.00	108.31 7.09 0.00	97.58 6.04 0.00	87.92 5.68 0.00	78.76 3.39 0.00	66.47 2.50 0.00	59.61 2.78 0.00
FARRAGUT___LBMP 323566	50.69 3.14 0.00	46.64 2.76 0.00	41.83 2.52 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.68 2.49 0.00	44.62 3.00 0.00	51.71 3.02 0.00	56.64 3.11 0.00	57.99 3.08 0.00	60.35 3.20 0.00	64.15 3.29 0.00	70.12 3.78 0.00	79.64 4.37 0.00	86.93 5.53 0.00	87.33 6.24 0.00	100.75 7.20 0.00	114.53 8.29 0.00	108.21 6.98 0.00	97.49 5.95 0.00	87.84 5.59 0.00	78.68 3.32 0.00	66.41 2.43 0.00	59.55 2.73 0.00
FENNER___WINDPWR 24204	48.98 1.43 0.00	45.15 1.27 0.00	40.37 1.06 0.00	39.15 0.99 0.00	39.54 0.96 0.00	41.27 1.09 0.00	42.79 1.16 0.00	49.91 1.22 0.00	55.09 1.55 0.00	56.51 1.59 0.00	58.80 1.66 0.00	62.69 1.82 0.00	68.59 2.26 0.00	78.06 2.79 0.00	83.92 2.53 0.00	83.44 2.35 0.00	96.35 2.80 0.00	109.54 3.30 0.00	104.77 3.54 0.00	95.29 3.75 0.00	85.54 3.29 0.00	78.30 2.94 0.00	66.08 2.11 0.00	58.86 2.04 0.00
FIBERTEK___ENERGY 23856	47.70 0.14 0.00	44.01 0.13 0.00	39.35 0.04 0.00	38.04 -0.11 0.00	38.42 -0.15 0.00	40.03 -0.16 0.00	41.46 -0.17 0.00	48.30 -0.39 0.00	53.37 -0.16 0.00	54.75 -0.16 0.00	57.09 -0.06 0.00	60.98 0.12 0.00	66.74 0.40 0.00	75.95 0.68 0.00	81.80 0.41 0.00	81.33 0.24 0.00	93.73 0.19 0.00	106.85 0.11 -0.50	101.53 0.30 0.00	92.46 0.92 0.00	82.99 0.74 0.00	75.82 0.45 0.00	64.23 0.26 0.00	57.22 0.40 0.00
FITZPATRICK___ 23598	46.60 -0.95 0.00	43.04 -0.84 0.00	38.49 -0.83 0.00	37.28 -0.88 0.00	37.65 -0.93 0.00	39.22 -0.96 0.00	40.58 -1.04 0.00	47.33 -1.36 0.00	52.14 -1.39 0.00	53.55 -1.37 0.00	55.77 -1.37 0.00	59.47 -1.40 0.00	65.08 -1.26 0.00	73.92 -1.35 0.00	79.77 -1.63 0.00	79.30 -1.78 0.00	91.49 -2.06 0.00	99.00 -2.55 4.69	99.00 -2.23 0.00	89.98 -1.56 0.00	80.77 -1.48 0.00	73.93 -1.43 0.00	62.63 -1.35 0.00	55.80 -1.02 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	50.50 2.95 0.00	46.42 2.54 0.00	41.63 2.32 0.00	40.41 2.25 0.00	40.77 2.20 0.00	42.56 2.37 0.00	44.29 2.66 0.00	51.37 2.68 0.00	56.53 3.00 0.00	57.99 3.08 0.00	60.35 3.20 0.00	64.15 3.29 0.00	70.25 3.91 0.00	80.01 4.74 0.00	87.09 5.70 0.00	87.17 6.08 0.00	100.56 7.02 0.00	114.64 8.39 0.00	108.82 7.59 0.00	98.13 6.59 0.00	88.41 6.17 0.00	79.58 4.22 0.00	67.11 3.13 0.00	60.00 3.18 0.00
FORT ORANGE___ 23900	47.39 0.24 0.41	43.86 0.18 0.20	39.51 0.20 0.00	38.42 0.27 0.00	38.88 0.31 0.00	40.47 0.28 0.00	41.92 0.37 0.08	48.27 0.05 0.47	52.75 -0.05 0.73	53.89 -0.22 0.81	55.97 -0.34 0.83	59.41 -0.42 1.03	64.53 -0.46 1.34	73.05 -0.37 1.85	79.25 0.08 2.22	78.96 0.08 2.20	90.73 0.09 2.91	102.93 0.32 3.63	98.68 0.81 3.36	92.03 0.73 0.24	83.28 1.07 0.04	73.65 0.15 1.86	62.58 -0.19 1.21	55.95 -0.06 0.82
FORT_DRUM_COGEN 23780	49.98 2.43 0.00	45.98 2.11 0.00	41.04 1.73 0.00	39.83 1.68 0.00	40.23 1.66 0.00	42.20 2.01 0.00	43.83 2.21 0.00	51.42 2.73 0.00	56.85 3.32 0.00	58.16 3.24 0.00	60.23 3.09 0.00	64.09 3.23 0.00	69.92 3.58 0.00	79.56 4.29 0.00	84.32 2.93 0.00	84.00 2.92 0.00	97.19 3.65 0.00	111.41 4.67 -0.49	106.90 5.67 0.00	97.95 6.41 0.00	87.76 5.51 0.00	80.49 5.12 0.00	67.69 3.71 0.00	60.06 3.24 0.00
FOX_HILLS___ESR 323835	51.13 3.57 -0.01	47.04 3.16 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	44.96 3.33 -0.01	50.73 2.73 0.69	50.68 2.68 5.54	50.98 2.75 6.68	51.00 2.80 8.95	52.99 2.80 10.68	54.28 3.18 15.24	59.36 3.69 19.60	72.68 4.96 13.68	72.22 5.84 14.71	81.50 6.64 18.69	99.94 7.65 13.95	88.12 6.17 19.28	76.27 5.22 20.49	83.00 5.02 4.26	58.80 2.94 19.50	54.58 1.79 11.18	52.99 2.39 6.22
FPL_FAR_ROCK_GT1 24212	52.12 4.57 0.00	48.06 4.17 -0.01	43.09 3.77 0.00	41.59 3.44 0.00	42.05 3.47 0.00	43.93 3.74 -0.01	45.83 4.20 -0.01	52.59 3.90 0.00	56.55 3.05 0.03	58.01 3.18 0.09	60.92 3.77 0.00	64.94 4.08 0.00	71.32 4.98 0.00	80.99 5.72 0.00	88.63 7.24 0.00	88.95 7.86 0.00	103.45 9.26 -0.64	118.70 11.15 -1.31	112.27 10.02 -1.02	99.68 8.14 0.00	88.74 6.50 0.01	79.48 4.29 0.17	68.11 3.26 -0.87	59.74 3.07 0.15
FPL_FAR_ROCK_GT2 23815	52.12 4.57 0.00	48.06 4.17 -0.01	43.09 3.77 0.00	41.59 3.44 0.00	42.05 3.47 0.00	43.93 3.74 -0.01	45.83 4.20 -0.01	52.59 3.90 0.00	56.55 3.05 0.03	58.01 3.18 0.09	60.92 3.77 0.00	64.94 4.08 0.00	71.32 4.98 0.00	80.99 5.72 0.00	88.63 7.24 0.00	88.95 7.86 0.00	103.45 9.26 -0.64	118.70 11.15 -1.31	112.27 10.02 -1.02	99.68 8.14 0.00	88.74 6.50 0.01	79.48 4.29 0.17	68.11 3.26 -0.87	59.74 3.07 0.15
FRANKLIN_FALL_HYD 24054	47.36 -0.19 0.00	43.61 -0.26 0.00	39.16 -0.16 0.00	38.00 -0.15 0.00	38.58 0.00 0.00	40.11 -0.08 0.00	41.75 0.12 0.00	49.27 0.58 0.00	54.18 0.64 0.00	55.52 0.60 0.00	57.77 0.63 0.00	61.47 0.61 0.00	66.67 0.33 0.00	75.42 0.15 0.00	81.31 -0.08 0.00	80.84 -0.24 0.00	93.17 -0.37 0.00	106.14 -0.11 0.00	100.92 -0.30 0.00	91.63 0.09 0.00	82.08 -0.16 0.00	75.89 0.53 0.00	64.68 0.70 0.00	57.05 0.23 0.00

FREEPORT_EQUS_GT1 23764	51.59 4.04 0.00	47.66 3.77 -0.01	42.69 3.38 0.00	41.24 3.09 0.00	41.70 3.12 0.00	43.57 3.38 -0.01	45.46 3.83 -0.01	52.05 3.36 0.00	55.75 2.35 0.14	56.84 2.36 0.44	60.00 2.86 0.00	63.97 3.10 0.00	69.98 3.65 0.00	79.11 3.84 0.00	86.68 5.29 0.00	87.00 5.92 0.00	100.57 7.02 0.00	115.06 8.81 0.00	108.92 7.69 0.00	97.49 5.95 0.00	86.76 4.52 0.01	77.25 2.79 0.90	65.17 2.24 1.04	58.22 2.21 0.81
FREEPORT___CT2 23818	51.59 4.04 0.00	47.66 3.77 -0.01	42.69 3.38 0.00	41.24 3.09 0.00	41.70 3.12 0.00	43.57 3.38 -0.01	45.46 3.83 -0.01	52.05 3.36 0.00	55.75 2.35 0.14	56.84 2.36 0.44	60.00 2.86 0.00	63.97 3.10 0.00	69.98 3.65 0.00	79.11 3.84 0.00	86.68 5.29 0.00	87.00 5.92 0.00	100.57 7.02 0.00	115.06 8.81 0.00	108.92 7.69 0.00	97.49 5.95 0.00	86.76 4.52 0.01	77.25 2.79 0.90	65.17 2.24 1.04	58.22 2.21 0.81
FRESHKLS_33_KV_LOAD 356253	51.18 3.61 -0.01	47.18 3.29 -0.01	42.31 2.99 -0.01	40.95 2.79 -0.01	41.28 2.70 0.00	43.08 2.89 0.00	45.09 3.45 -0.01	50.58 2.58 0.69	50.57 2.57 5.54	50.87 2.64 6.68	50.88 2.69 8.95	52.93 2.74 10.68	54.22 3.12 15.24	59.28 3.61 19.60	72.60 4.88 13.68	72.22 5.84 14.71	81.50 6.64 18.69	99.94 7.65 13.95	88.12 6.17 19.28	76.27 5.22 20.49	83.00 5.02 4.26	58.80 2.94 19.50	54.58 1.79 11.18	52.93 2.33 6.22
FULTON COGEN____ 23766	47.36 -0.19 0.00	43.70 -0.18 0.00	39.08 -0.24 0.00	37.81 -0.34 0.00	38.19 -0.39 0.00	39.79 -0.40 0.00	41.21 -0.42 0.00	48.01 -0.68 0.00	52.95 -0.59 0.00	54.31 -0.60 0.00	56.63 -0.51 0.00	60.38 -0.49 0.00	66.07 -0.27 0.00	75.12 -0.15 0.00	80.99 -0.41 0.00	80.52 -0.57 0.00	92.89 -0.65 0.00	106.65 -0.85 -1.26	100.72 -0.51 0.00	91.63 0.09 0.00	82.25 0.00 0.00	75.14 -0.23 0.00	63.66 -0.32 0.00	56.71 -0.11 0.00
FULTON___LFGE 323630	51.64 4.09 0.00	47.56 3.69 0.00	42.62 3.30 0.00	41.29 3.13 0.00	41.78 3.20 0.00	43.64 3.46 0.00	44.99 3.37 0.00	52.24 3.55 0.00	57.34 3.80 0.00	58.48 3.57 0.00	60.57 3.43 0.00	64.39 3.53 0.00	70.18 3.85 0.00	80.16 4.89 0.00	86.61 5.21 0.00	85.95 4.86 0.00	99.35 5.80 0.00	113.47 7.23 0.00	109.73 8.50 0.00	100.14 8.60 0.00	90.47 8.22 0.00	82.29 6.93 0.00	69.41 5.43 0.00	61.60 4.77 0.00
G.F.CEMENT___DRP 24184	49.88 2.33 0.00	45.90 2.02 0.00	41.28 1.97 0.00	39.95 1.79 0.00	40.39 1.81 0.00	42.16 1.97 0.00	43.54 1.91 0.00	50.69 2.00 0.00	55.73 2.19 0.00	57.11 2.20 0.00	58.92 1.77 0.00	62.63 1.77 0.00	67.93 1.59 0.00	77.45 2.18 0.00	83.92 2.52 0.00	83.36 2.27 0.00	96.35 2.81 0.00	109.85 3.61 0.00	106.49 5.13 0.00	96.67 5.13 0.00	87.54 5.26 -0.03	79.43 4.07 0.00	66.98 3.01 0.00	59.38 2.56 0.00
GARDENVILLE___LBMP 24039	48.93 1.38 0.00	46.07 2.19 0.00	40.81 1.49 0.00	38.77 0.61 0.00	38.69 0.12 0.00	40.35 0.16 0.00	41.50 -0.12 0.00	47.28 -1.41 0.00	52.95 -0.59 0.00	55.14 0.22 0.00	57.43 0.29 0.00	61.84 0.97 0.00	68.79 2.45 0.00	78.28 3.01 0.00	82.86 1.47 0.00	82.30 1.22 0.00	94.86 1.31 0.00	106.35 0.11 0.00	102.14 0.91 0.00	94.38 2.84 0.00	84.47 2.22 0.00	77.32 1.96 0.00	66.41 2.43 0.00	60.80 3.98 0.00
GARDNVLA_35_KV_LD 355827	49.12 1.57 0.00	46.25 2.37 0.00	40.96 1.65 0.00	38.92 0.76 0.00	38.85 0.27 0.00	40.47 0.28 0.00	41.71 0.08 0.00	47.52 -1.17 0.00	53.21 -0.32 0.00	55.41 0.49 0.00	57.77 0.63 0.00	62.26 1.40 0.00	69.26 2.92 0.00	78.81 3.54 0.00	83.43 2.03 0.00	82.95 1.86 0.00	95.60 2.06 0.00	107.09 0.85 0.00	102.85 1.62 0.00	95.02 3.48 0.00	85.04 2.80 0.00	77.78 2.41 0.00	66.79 2.81 0.00	61.08 4.26 0.00
GELCKHM___115KV_LOAD 80723	47.51 -0.05 0.00	43.83 -0.04 0.00	39.19 -0.12 0.00	37.93 -0.23 0.00	38.27 -0.31 0.00	39.87 -0.32 0.00	41.29 -0.33 0.00	48.10 -0.58 0.00	53.11 -0.43 0.00	54.53 -0.38 0.00	56.86 -0.29 0.00	60.68 -0.18 0.00	66.47 0.13 0.00	75.57 0.30 0.00	81.39 0.00 0.00	81.00 -0.08 0.00	93.36 -0.19 0.00	106.28 -0.32 -0.36	101.13 -0.10 0.00	92.00 0.46 0.00	82.58 0.33 0.00	75.44 0.08 0.00	63.98 0.00 0.00	56.99 0.17 0.00
GENERAL___MILLS 23808	49.03 1.47 0.00	46.16 2.28 0.00	40.89 1.57 0.00	38.84 0.69 0.00	38.77 0.19 0.00	40.43 0.24 0.00	41.62 0.00 0.00	47.37 -1.31 0.00	53.11 -0.43 0.00	55.30 0.38 0.00	57.60 0.46 0.00	62.08 1.22 0.00	68.99 2.65 0.00	78.51 3.24 0.00	83.18 1.79 0.00	82.63 1.54 0.00	95.23 1.68 0.00	106.77 0.53 0.00	102.44 1.21 0.00	94.74 3.20 0.00	84.71 2.47 0.00	77.55 2.19 0.00	66.60 2.62 0.00	60.97 4.15 0.00
GE_PLASTICS___DRP 24183	40.43 0.10 7.22	40.43 0.04 3.49	39.47 0.16 0.00	38.42 0.27 0.00	38.85 0.27 0.00	40.43 0.24 0.00	40.43 0.25 1.44	40.43 0.00 8.26	-0.16 -0.22 12.95	-0.22 -0.29 14.27	42.15 -0.37 14.71	42.21 -0.37 18.29	42.15 -0.40 23.79	42.15 -0.38 32.75	42.07 0.00 39.32	42.15 0.08 39.02	42.24 0.19 51.49	42.26 0.32 64.31	42.15 0.40 59.48	87.74 0.37 4.17	82.80 0.58 0.02	42.22 -0.15 32.99	42.15 -0.45 21.38	42.15 -0.23 14.45
GILBOA___1 23756	48.69 1.14 0.00	44.93 1.05 0.00	40.30 0.98 0.00	39.53 1.37 0.00	40.04 1.47 0.00	41.63 1.44 0.00	42.70 1.08 0.00	49.66 0.97 0.00	54.50 0.96 0.00	55.85 0.93 0.00	58.12 0.97 0.00	61.83 0.97 0.00	67.53 1.20 0.00	76.70 1.43 0.00	83.34 1.95 0.00	82.71 1.62 0.00	95.32 1.77 0.00	108.05 1.80 0.00	103.05 1.82 0.00	93.37 1.83 0.00	84.22 1.97 0.00	76.79 1.43 0.00	64.94 0.96 0.00	57.90 1.08 0.00
GILBOA___2 23757	48.69 1.14 0.00	44.93 1.05 0.00	40.30 0.98 0.00	39.53 1.37 0.00	40.04 1.47 0.00	41.63 1.44 0.00	42.70 1.08 0.00	49.66 0.97 0.00	54.50 0.96 0.00	55.85 0.93 0.00	58.12 0.97 0.00	61.83 0.97 0.00	67.53 1.20 0.00	76.70 1.43 0.00	83.34 1.95 0.00	82.71 1.62 0.00	95.32 1.77 0.00	108.05 1.80 0.00	103.05 1.82 0.00	93.37 1.83 0.00	84.22 1.97 0.00	76.79 1.43 0.00	64.94 0.96 0.00	57.90 1.08 0.00
GILBOA___3 23758	48.69 1.14 0.00	44.93 1.05 0.00	40.30 0.98 0.00	39.53 1.37 0.00	40.04 1.47 0.00	41.63 1.44 0.00	42.70 1.08 0.00	49.66 0.97 0.00	54.50 0.96 0.00	55.85 0.93 0.00	58.12 0.97 0.00	61.83 0.97 0.00	67.53 1.20 0.00	76.70 1.43 0.00	83.34 1.95 0.00	82.71 1.62 0.00	95.32 1.77 0.00	108.05 1.80 0.00	103.05 1.82 0.00	93.37 1.83 0.00	84.22 1.97 0.00	76.79 1.43 0.00	64.94 0.96 0.00	57.90 1.08 0.00
GILBOA___4 23759	48.69 1.14 0.00	44.93 1.05 0.00	40.30 0.98 0.00	39.53 1.37 0.00	40.04 1.47 0.00	41.63 1.44 0.00	42.70 1.08 0.00	49.66 0.97 0.00	54.50 0.96 0.00	55.85 0.93 0.00	58.12 0.97 0.00	61.83 0.97 0.00	67.53 1.20 0.00	76.70 1.43 0.00	83.34 1.95 0.00	82.71 1.62 0.00	95.32 1.77 0.00	108.05 1.80 0.00	103.05 1.82 0.00	93.37 1.83 0.00	84.22 1.97 0.00	76.79 1.43 0.00	64.94 0.96 0.00	57.90 1.08 0.00

GILBOA____ 23599	48.70 1.14 0.00	44.93 1.05 0.00	40.30 0.98 0.00	39.53 1.37 0.00	40.04 1.47 0.00	41.63 1.45 0.00	42.71 1.08 0.00	49.66 0.97 0.00	54.50 0.96 0.00	55.85 0.93 0.00	58.12 0.97 0.00	61.84 0.97 0.00	67.53 1.19 0.00	76.70 1.43 0.00	83.26 1.87 0.00	82.71 1.62 0.00	95.42 1.87 0.00	108.05 1.81 0.00	103.05 1.82 0.00	93.46 1.92 0.00	84.22 1.97 0.00	76.80 1.43 0.00	64.94 0.96 0.00	57.90 1.08 0.00
GINNA____ 23603	46.84 -0.71 0.00	43.52 -0.35 0.00	38.64 -0.67 0.00	36.97 -1.18 0.00	37.26 -1.31 0.00	38.74 -1.45 0.00	40.13 -1.50 0.00	46.40 -2.29 0.00	51.61 -1.93 0.00	53.32 -1.59 0.00	55.83 -1.31 0.00	59.65 -1.22 0.00	65.81 -0.53 0.00	74.52 -0.75 0.00	80.09 -1.31 0.00	79.30 -1.78 0.00	91.30 -2.25 0.00	103.59 -2.65 0.00	98.90 -2.32 0.00	90.62 -0.92 0.00	81.01 -1.23 0.00	74.38 -0.98 0.00	62.95 -1.03 0.00	56.65 -0.17 0.00
GLEN PARK____ 23778	50.36 2.81 0.00	46.33 2.46 0.00	41.32 2.00 0.00	40.10 1.94 0.00	40.50 1.93 0.00	42.52 2.33 0.00	44.16 2.54 0.00	51.76 3.07 0.00	57.23 3.69 0.00	58.54 3.62 0.00	60.57 3.43 0.00	64.39 3.53 0.00	70.25 3.91 0.00	79.94 4.67 0.00	84.73 3.34 0.00	84.24 3.16 0.00	97.66 4.11 0.00	111.97 5.20 -0.52	107.61 6.38 0.00	98.77 7.23 0.00	88.58 6.33 0.00	81.32 5.95 0.00	68.20 4.22 0.00	60.51 3.69 0.00
GLENDALE_27_KV_LOAD 356172	51.12 3.57 0.00	47.04 3.16 0.00	42.14 2.83 0.00	40.83 2.67 0.00	41.20 2.62 0.00	43.00 2.81 0.00	45.04 3.41 -0.01	52.00 3.31 0.00	56.91 3.37 0.00	58.32 3.40 0.00	60.63 3.49 0.00	64.39 3.53 0.00	70.32 3.98 0.00	79.78 4.52 0.01	87.25 5.86 0.00	87.73 6.65 0.00	101.12 7.58 0.00	115.06 8.82 0.00	108.41 7.19 0.01	97.76 6.22 0.01	88.08 5.84 0.01	78.97 3.62 0.01	66.53 2.56 0.01	59.83 3.01 0.00
GLENWOOD_IC_1_G5 23712	51.22 3.66 0.00	47.12 3.25 0.00	42.26 2.95 0.00	40.90 2.75 0.00	41.31 2.74 0.00	43.12 2.93 0.00	45.04 3.41 0.00	51.90 3.21 0.00	56.29 2.84 0.08	57.45 2.80 0.26	60.35 3.20 0.00	63.84 2.98 0.00	69.99 3.65 0.00	79.49 4.22 0.00	86.85 5.45 0.00	87.25 6.16 0.00	100.84 7.30 0.00	114.85 8.61 0.00	108.62 7.39 0.00	97.58 6.04 0.00	87.26 5.02 0.00	77.84 3.01 0.54	65.31 1.98 0.65	58.95 2.61 0.49
GLENWOOD_IC_2_G1 23688	50.83 3.28 0.00	46.83 2.94 -0.01	41.99 2.67 0.00	40.63 2.48 0.00	41.05 2.47 0.00	42.85 2.65 -0.01	44.75 3.12 -0.01	51.66 2.97 0.00	56.10 2.57 0.00	57.55 2.64 0.00	60.06 2.91 0.00	63.90 3.04 0.00	69.98 3.65 0.00	79.41 4.14 0.00	86.85 5.45 0.00	87.09 6.00 0.00	100.47 6.92 0.00	114.53 8.29 0.00	108.42 7.19 0.00	97.49 5.95 0.00	87.43 5.18 0.00	78.45 3.09 0.00	66.15 2.18 0.00	59.20 2.39 0.00
GLENWOOD_IC_3_G1 23689	50.83 3.28 0.00	46.83 2.94 -0.01	41.99 2.67 0.00	40.63 2.48 0.00	41.05 2.47 0.00	42.85 2.65 -0.01	44.75 3.12 -0.01	51.66 2.97 0.00	56.10 2.57 0.00	57.55 2.64 0.00	60.06 2.91 0.00	63.90 3.04 0.00	69.98 3.65 0.00	79.41 4.14 0.00	86.85 5.45 0.00	87.09 6.00 0.00	100.47 6.92 0.00	114.53 8.29 0.00	108.42 7.19 0.00	97.49 5.95 0.00	87.43 5.18 0.00	78.45 3.09 0.00	66.15 2.18 0.00	59.20 2.39 0.00
GLENWOOD____4 23550	51.22 3.66 0.00	47.12 3.25 0.00	42.26 2.95 0.00	40.90 2.75 0.00	41.31 2.74 0.00	43.12 2.93 0.00	45.04 3.41 0.00	51.90 3.21 0.00	56.29 2.84 0.08	57.45 2.80 0.26	60.35 3.20 0.00	64.03 3.16 0.00	70.12 3.78 0.00	79.64 4.37 0.00	87.09 5.70 0.00	87.41 6.32 0.00	101.03 7.48 0.00	115.06 8.82 0.00	108.92 7.69 0.00	97.76 6.22 0.00	87.51 5.26 0.00	78.06 3.24 0.54	65.50 2.18 0.65	58.95 2.61 0.49
GLENWOOD____5 23614	51.22 3.66 0.00	47.12 3.25 0.00	42.26 2.95 0.00	40.90 2.75 0.00	41.31 2.74 0.00	43.12 2.93 0.00	45.04 3.41 0.00	51.90 3.21 0.00	56.29 2.84 0.08	57.45 2.80 0.26	60.35 3.20 0.00	64.03 3.16 0.00	70.12 3.78 0.00	79.64 4.37 0.00	87.09 5.70 0.00	87.41 6.32 0.00	101.03 7.48 0.00	115.06 8.82 0.00	108.92 7.69 0.00	97.76 6.22 0.00	87.51 5.26 0.00	78.06 3.24 0.54	65.50 2.18 0.65	58.95 2.61 0.49
GLOBAL GREEN_PORT_GT1 23814	53.21 5.66 0.00	49.28 5.40 -0.01	44.11 4.79 0.00	42.54 4.39 0.00	43.13 4.55 0.00	44.98 4.78 -0.01	46.96 5.33 -0.01	53.66 4.97 0.00	57.47 4.18 0.25	58.57 4.45 0.79	62.30 5.32 0.16	66.42 5.97 0.41	73.09 7.17 0.41	82.82 8.13 0.58	91.03 10.09 0.46	91.87 10.79 0.00	105.66 12.72 0.60	120.56 15.62 1.30	114.34 14.07 0.96	102.43 10.89 0.00	89.97 7.73 0.01	78.86 5.13 1.63	65.12 4.03 2.88	58.81 3.47 1.48
GLOBE____DSASP 323697	47.27 -0.29 0.00	44.71 0.83 0.00	39.51 0.20 0.00	37.55 -0.61 0.00	37.50 -1.08 0.00	38.98 -1.21 0.00	40.08 -1.54 0.00	45.38 -3.31 0.00	50.97 -2.57 0.00	53.05 -1.87 0.00	55.26 -1.89 0.00	59.46 -1.40 0.00	66.07 -0.27 0.00	75.04 -0.23 0.00	79.44 -1.95 0.00	78.81 -2.27 0.00	90.93 -2.62 0.00	101.89 -4.36 0.00	97.58 -3.64 0.00	90.44 -1.10 0.00	80.85 -1.40 0.00	74.08 -1.28 0.00	63.72 -0.26 0.00	58.81 1.99 0.00
GOETHSLN____LBMP 323567	50.41 2.85 0.00	46.33 2.46 0.00	41.59 2.28 0.00	40.25 2.10 0.00	40.61 2.04 0.01	42.43 2.25 0.01	44.37 2.75 0.00	50.72 2.73 0.69	50.72 2.73 5.54	50.97 2.75 6.69	50.99 2.80 8.96	53.04 2.86 10.68	54.41 3.32 15.25	59.42 3.76 19.61	72.67 4.96 13.69	71.96 5.59 14.72	81.40 6.55 18.70	99.83 7.54 13.96	88.11 6.17 19.29	76.35 5.31 20.50	82.99 5.02 4.27	58.64 2.79 19.51	54.70 1.92 11.19	52.92 2.33 6.23
GOLAH____69_KV_TB 1_2 80279	48.98 1.43 0.00	45.68 1.80 0.00	40.49 1.18 0.00	38.69 0.53 0.00	38.88 0.31 0.00	40.47 0.28 0.00	41.83 0.21 0.00	48.06 -0.63 0.00	53.48 -0.05 0.00	55.36 0.44 0.00	57.83 0.69 0.00	61.84 0.97 0.00	68.53 2.19 0.00	77.68 2.41 0.00	82.78 1.38 0.00	82.14 1.05 0.00	94.76 1.22 0.00	107.09 0.85 0.00	102.54 1.32 0.00	94.38 2.84 0.00	84.38 2.14 0.00	77.40 2.03 0.00	65.96 1.98 0.00	59.83 3.01 0.00
GOODYEAR_LAKE_HYD 323669	50.12 2.57 0.00	46.20 2.33 0.00	41.36 2.04 0.00	40.25 2.10 0.00	40.74 2.16 0.00	42.52 2.33 0.00	43.95 2.33 0.00	51.17 2.48 0.00	56.37 2.84 0.00	57.83 2.91 0.00	60.12 2.97 0.00	64.09 3.23 0.00	70.12 3.78 0.00	79.79 4.52 0.00	85.71 4.31 0.00	85.30 4.22 0.00	98.50 4.96 0.00	111.87 5.63 0.00	106.90 5.67 0.00	97.12 5.58 0.00	87.43 5.18 0.00	79.74 4.37 0.00	67.24 3.26 0.00	59.95 3.13 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	48.79 1.24 0.00	45.15 1.27 0.00	40.37 1.06 0.00	39.03 0.88 0.00	39.31 0.73 0.00	40.95 0.76 0.00	42.37 0.75 0.00	49.08 0.39 0.00	54.23 0.70 0.00	55.74 0.82 0.00	58.06 0.91 0.00	62.08 1.22 0.00	68.13 1.79 0.00	77.53 2.26 0.00	83.26 1.87 0.00	82.87 1.78 0.00	95.60 2.06 0.00	108.37 2.12 0.00	103.56 2.33 0.00	94.38 2.84 0.00	84.88 2.63 0.00	77.63 2.26 0.00	65.83 1.86 0.00	58.98 2.16 0.00

GOUDEY___7 23579	48.79 1.24 0.00	45.15 1.27 0.00	40.37 1.06 0.00	39.03 0.88 0.00	39.31 0.73 0.00	40.95 0.76 0.00	42.37 0.75 0.00	49.08 0.39 0.00	54.23 0.70 0.00	55.74 0.82 0.00	58.06 0.91 0.00	62.08 1.22 0.00	68.13 1.79 0.00	77.53 2.26 0.00	83.26 1.87 0.00	82.87 1.78 0.00	95.60 2.06 0.00	108.37 2.12 0.00	103.56 2.33 0.00	94.38 2.84 0.00	84.88 2.63 0.00	77.63 2.26 0.00	65.83 1.86 0.00	58.98 2.16 0.00
GOUDEY___8 23580	48.79 1.24 0.00	45.15 1.27 0.00	40.37 1.06 0.00	39.03 0.88 0.00	39.31 0.73 0.00	40.95 0.76 0.00	42.37 0.75 0.00	49.08 0.39 0.00	54.23 0.70 0.00	55.74 0.82 0.00	58.06 0.91 0.00	62.08 1.22 0.00	68.13 1.79 0.00	77.53 2.26 0.00	83.26 1.87 0.00	82.87 1.78 0.00	95.60 2.06 0.00	108.37 2.12 0.00	103.56 2.33 0.00	94.38 2.84 0.00	84.88 2.63 0.00	77.63 2.26 0.00	65.83 1.86 0.00	58.98 2.16 0.00
GOWANUS_GT1_1 24077	51.18 3.61 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.86 3.52 0.00	79.33 4.06 0.01	86.77 5.37 0.00	87.33 6.24 0.00	100.66 7.11 0.00	114.53 8.29 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.67 3.32 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT1_2 24078	51.18 3.61 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.86 3.52 0.00	79.33 4.06 0.01	86.77 5.37 0.00	87.33 6.24 0.00	100.66 7.11 0.00	114.53 8.29 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.67 3.32 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT1_3 24079	51.18 3.61 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.86 3.52 0.00	79.33 4.06 0.01	86.77 5.37 0.00	87.33 6.24 0.00	100.66 7.11 0.00	114.53 8.29 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.67 3.32 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT1_4 24080	51.18 3.61 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.86 3.52 0.00	79.33 4.06 0.01	86.77 5.37 0.00	87.33 6.24 0.00	100.66 7.11 0.00	114.53 8.29 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.67 3.32 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT1_5 24084	51.18 3.61 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.86 3.52 0.00	79.33 4.06 0.01	86.77 5.37 0.00	87.33 6.24 0.00	100.66 7.11 0.00	114.53 8.29 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.67 3.32 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT1_6 24111	51.18 3.61 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.86 3.52 0.00	79.33 4.06 0.01	86.77 5.37 0.00	87.33 6.24 0.00	100.66 7.11 0.00	114.53 8.29 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.67 3.32 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT1_7 24112	51.18 3.61 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.86 3.52 0.00	79.33 4.06 0.01	86.77 5.37 0.00	87.33 6.24 0.00	100.66 7.11 0.00	114.53 8.29 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.67 3.32 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT1_8 24113	51.18 3.61 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.86 3.52 0.00	79.33 4.06 0.01	86.77 5.37 0.00	87.33 6.24 0.00	100.66 7.11 0.00	114.53 8.29 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.67 3.32 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT2_1 24114	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.96 3.10 0.01	69.84 3.51 0.01	79.32 4.06 0.01	86.84 5.45 0.01	87.32 6.24 0.01	100.57 7.02 0.00	114.42 8.18 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT2_2 24115	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.96 3.10 0.01	69.84 3.51 0.01	79.32 4.06 0.01	86.84 5.45 0.01	87.32 6.24 0.01	100.57 7.02 0.00	114.42 8.18 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT2_3 24116	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.96 3.10 0.01	69.84 3.51 0.01	79.32 4.06 0.01	86.84 5.45 0.01	87.32 6.24 0.01	100.57 7.02 0.00	114.42 8.18 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT2_4 24117	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.96 3.10 0.01	69.84 3.51 0.01	79.32 4.06 0.01	86.84 5.45 0.01	87.32 6.24 0.01	100.57 7.02 0.00	114.42 8.18 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT2_5 24118	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.96 3.10 0.01	69.84 3.51 0.01	79.32 4.06 0.01	86.84 5.45 0.01	87.32 6.24 0.01	100.57 7.02 0.00	114.42 8.18 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00

GOWANUS_GT2_6 24119	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.96 3.10 0.01	69.84 3.51 0.01	79.32 4.06 0.01	86.84 5.45 0.01	87.32 6.24 0.01	100.57 7.02 0.00	114.42 8.18 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT2_7 24120	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.96 3.10 0.01	69.84 3.51 0.01	79.32 4.06 0.01	86.84 5.45 0.01	87.32 6.24 0.01	100.57 7.02 0.00	114.42 8.18 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT2_8 24121	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.96 3.10 0.01	69.84 3.51 0.01	79.32 4.06 0.01	86.84 5.45 0.01	87.32 6.24 0.01	100.57 7.02 0.00	114.42 8.18 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT3_1 24122	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.97 3.10 0.00	69.86 3.51 0.00	79.33 4.06 0.01	86.85 5.45 0.00	87.33 6.24 0.00	100.57 7.02 0.00	114.43 8.18 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 -2.73 0.00
GOWANUS_GT3_2 24123	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.97 3.10 0.00	69.86 3.51 0.00	79.33 4.06 0.01	86.85 5.45 0.00	87.33 6.24 0.00	100.57 7.02 0.00	114.43 8.18 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT3_3 24124	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 0.00	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.97 3.10 0.00	69.86 3.51 0.00	79.33 4.06 0.01	86.85 5.45 0.00	87.33 6.24 0.00	100.57 7.02 0.00	114.43 8.18 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT3_4 24125	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.97 3.10 0.00	69.86 3.51 0.00	79.33 4.06 0.01	86.85 5.45 0.00	87.33 6.24 0.00	100.57 7.02 0.00	114.43 8.18 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT3_5 24126	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.97 3.10 0.00	69.86 3.51 0.00	79.33 4.06 0.01	86.85 5.45 0.00	87.33 6.24 0.00	100.57 7.02 0.00	114.43 8.18 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT3_6 24127	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.97 3.10 0.00	69.86 3.51 0.00	79.33 4.06 0.01	86.85 5.45 0.00	87.33 6.24 0.00	100.57 7.02 0.00	114.43 8.18 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT3_7 24128	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.97 3.10 0.00	69.86 3.51 0.00	79.33 4.06 0.01	86.85 5.45 0.00	87.33 6.24 0.00	100.57 7.02 0.00	114.43 8.18 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT3_8 24129	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.97 3.10 0.00	69.86 3.51 0.00	79.33 4.06 0.01	86.85 5.45 0.00	87.33 6.24 0.00	100.57 7.02 0.00	114.43 8.18 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT4_1 24130	51.18 3.61 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.02 3.16 0.01	69.85 3.52 0.01	79.33 4.06 0.01	86.76 5.37 0.01	87.32 6.24 0.01	100.66 7.11 0.00	114.52 8.29 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.67 3.32 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT4_2 24131	51.18 3.61 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.02 3.16 0.01	69.85 3.52 0.01	79.33 4.06 0.01	86.76 5.37 0.01	87.32 6.24 0.01	100.66 7.11 0.00	114.52 8.29 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.67 3.32 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT4_3 24132	51.18 3.61 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.02 3.16 0.01	69.85 3.52 0.01	79.33 4.06 0.01	86.76 5.37 0.01	87.32 6.24 0.01	100.66 7.11 0.00	114.52 8.29 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.67 3.32 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT4_4 24133	51.18 3.61 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.02 3.16 0.01	69.85 3.52 0.01	79.33 4.06 0.01	86.76 5.37 0.01	87.32 6.24 0.01	100.66 7.11 0.00	114.52 8.29 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.67 3.32 0.01	66.15 2.18 0.01	59.55 2.73 0.00

GOWANUS_GT4_5 24134	51.18 3.61 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.02 3.16 0.01	69.85 3.52 0.01	79.33 4.06 0.01	86.76 5.37 0.01	87.32 6.24 0.01	100.66 7.11 0.00	114.52 8.29 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.67 3.32 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT4_6 24135	51.18 3.61 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.02 3.16 0.01	69.85 3.52 0.01	79.33 4.06 0.01	86.76 5.37 0.01	87.32 6.24 0.01	100.66 7.11 0.00	114.52 8.29 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.67 3.32 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT4_7 24136	51.18 3.61 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.02 3.16 0.01	69.85 3.52 0.01	79.33 4.06 0.01	86.76 5.37 0.01	87.32 6.24 0.01	100.66 7.11 0.00	114.52 8.29 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.67 3.32 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GOWANUS_GT4_8 24137	51.18 3.61 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.02 3.16 0.01	69.85 3.52 0.01	79.33 4.06 0.01	86.76 5.37 0.01	87.32 6.24 0.01	100.66 7.11 0.00	114.52 8.29 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.67 3.32 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GREATVR_69_KV_BK1 356245	52.36 4.80 0.00	48.27 4.39 0.00	43.20 3.89 0.00	41.70 3.55 0.00	42.24 3.66 0.00	44.09 3.90 0.00	46.04 4.41 0.00	52.68 3.99 0.00	56.35 3.05 0.24	56.84 2.69 0.77	60.23 3.26 0.18	64.07 3.65 0.45	70.41 4.51 0.44	79.62 4.97 0.62	87.17 6.27 0.49	88.22 7.14 0.00	101.86 8.89 0.58	115.93 10.94 1.25	110.13 9.82 0.91	98.95 7.41 0.00	87.58 5.35 0.01	77.17 3.39 1.58	63.79 2.62 2.81	58.00 2.61 1.43
GREENBSH_115KV_TB3 55895	47.79 0.24 0.00	44.05 0.18 0.00	39.59 0.28 0.00	38.50 0.34 0.00	38.92 0.35 0.00	40.55 0.36 0.00	42.04 0.42 0.00	48.83 0.15 0.00	53.54 0.00 0.00	54.81 -0.11 0.00	56.97 -0.17 0.00	60.62 -0.24 0.00	66.07 -0.27 0.00	75.12 -0.15 0.00	81.64 0.24 0.00	81.41 0.32 0.00	94.01 0.47 0.00	106.88 0.64 0.00	102.14 0.91 0.00	92.36 0.82 0.00	83.20 0.99 0.04	75.52 0.15 0.00	63.78 -0.19 0.00	56.77 -0.06 0.00
GREENDGE_115KV_TB5 80291	49.50 1.95 0.00	45.90 2.02 0.00	40.92 1.61 0.00	39.26 1.11 0.00	39.50 0.93 0.00	41.19 1.00 0.00	42.66 1.04 0.00	49.27 0.58 0.00	54.23 0.70 0.00	55.69 0.77 0.00	58.12 0.97 0.00	62.20 1.34 0.00	68.59 2.26 0.00	78.06 2.79 0.00	83.51 2.12 0.00	82.95 1.86 0.00	94.39 0.84 0.00	107.20 0.96 0.00	102.75 1.52 0.00	94.19 2.65 0.00	85.78 3.54 0.00	78.45 3.09 0.00	66.60 2.62 0.00	59.78 2.95 0.00
GREENIDGE___3 23582	49.50 1.95 0.00	45.90 2.02 0.00	40.92 1.61 0.00	39.26 1.11 0.00	39.50 0.93 0.00	41.19 1.00 0.00	42.66 1.04 0.00	49.27 0.58 0.00	54.23 0.70 0.00	55.69 0.77 0.00	58.12 0.97 0.00	62.20 1.34 0.00	68.59 2.26 0.00	78.06 2.79 0.00	83.51 2.12 0.00	82.95 1.86 0.00	94.39 0.84 0.00	107.20 0.96 0.00	102.75 1.52 0.00	94.19 2.65 0.00	85.78 3.54 0.00	78.45 3.09 0.00	66.60 2.62 0.00	59.78 2.95 0.00
GREENIDGE___4 23583	49.55 2.00 0.00	45.90 2.02 0.00	40.93 1.61 0.00	39.26 1.11 0.00	39.50 0.92 0.00	41.19 1.01 0.00	42.66 1.04 0.00	49.28 0.59 0.00	54.23 0.69 0.00	55.68 0.77 0.00	58.06 0.91 0.00	62.26 1.40 0.00	68.59 2.26 0.00	78.06 2.79 0.00	83.92 2.53 0.00	83.11 2.03 0.00	94.48 0.94 0.00	107.30 1.06 0.00	102.84 1.61 0.00	94.38 2.84 0.00	85.86 3.61 0.00	78.68 3.31 0.00	66.60 2.62 0.00	59.78 2.95 0.00
GREENLWN_69_KV_BK 3 55738	50.98 3.42 0.00	47.04 3.16 0.00	42.18 2.87 0.00	40.75 2.59 0.00	41.20 2.62 0.00	43.04 2.85 0.00	44.95 3.33 0.00	51.42 2.73 0.00	54.58 1.28 0.24	55.13 0.99 0.77	58.07 1.37 0.45	61.32 1.58 1.12	67.41 2.19 1.12	76.19 2.48 1.57	83.89 3.74 1.24	85.62 4.54 0.00	98.56 5.61 0.60	111.84 7.01 1.41	106.26 5.97 0.94	95.84 4.30 0.00	85.20 2.96 0.01	74.82 1.06 1.60	60.95 0.38 3.41	56.06 0.68 1.45
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.18 3.61 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.86 3.52 0.00	79.33 4.06 0.01	86.77 5.37 0.00	87.33 6.24 0.00	100.66 7.11 0.00	114.53 8.29 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.67 3.32 0.01	66.15 2.18 0.01	59.55 2.73 0.00
GRISSOM___SOLAR 323813	51.31 3.76 0.00	47.26 3.38 0.00	42.34 3.03 0.00	41.02 2.86 0.00	41.51 2.93 0.00	43.36 3.17 0.00	44.75 3.12 0.00	51.95 3.26 0.00	57.01 3.48 0.00	58.21 3.29 0.00	60.34 3.20 0.00	64.15 3.28 0.00	69.85 3.51 0.00	79.79 4.52 0.00	86.28 4.88 0.00	85.62 4.54 0.00	98.88 5.33 0.00	112.94 6.70 0.00	109.13 7.90 0.00	99.41 7.87 0.00	89.81 7.56 0.00	81.70 6.33 0.00	68.90 4.93 0.00	61.20 4.38 0.00
GROVEVILLE___HYD 323602	50.50 2.95 0.00	46.42 2.54 0.00	41.63 2.32 0.00	40.41 2.25 0.00	40.77 2.20 0.00	42.56 2.37 0.00	44.29 2.66 0.00	51.37 2.68 0.00	56.53 3.00 0.00	57.99 3.08 0.00	60.35 3.20 0.00	64.15 3.29 0.00	70.25 3.91 0.00	80.01 4.74 0.00	87.09 5.70 0.00	87.17 6.08 0.00	100.56 7.02 0.00	114.64 8.39 0.00	108.82 7.59 0.00	98.13 6.59 0.00	88.41 6.17 0.00	79.58 4.22 0.00	67.11 3.13 0.00	60.00 3.18 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	47.70 0.14 0.00	44.01 0.13 0.00	39.35 0.04 0.00	38.04 -0.11 0.00	38.42 -0.15 0.00	40.03 -0.16 0.00	41.46 -0.17 0.00	48.30 -0.39 0.00	53.37 -0.16 0.00	54.75 -0.16 0.00	57.09 -0.06 0.00	60.98 0.12 0.00	66.74 0.40 0.00	75.95 0.68 0.00	81.80 0.41 0.00	81.33 0.24 0.00	93.73 0.19 0.00	106.85 0.11 -0.50	101.53 0.30 0.00	92.46 0.92 0.00	82.99 0.74 0.00	75.82 0.45 0.00	64.23 0.26 0.00	57.22 0.40 0.00
HAMLTNNY_34_KV_TB 80303	48.27 0.71 0.00	44.62 0.75 0.00	39.86 0.55 0.00	38.46 0.31 0.00	38.81 0.23 0.00	40.43 0.24 0.00	41.83 0.21 0.00	48.69 0.00 0.00	53.86 0.32 0.00	55.30 0.38 0.00	57.72 0.57 0.00	61.65 0.79 0.00	67.60 1.26 0.00	76.85 1.58 0.00	82.69 1.30 0.00	82.14 1.05 0.00	94.67 1.12 0.00	107.99 1.27 -0.47	102.64 1.42 0.00	93.55 2.01 0.00	83.97 1.73 0.00	76.80 1.43 0.00	65.06 1.09 0.00	58.07 1.25 0.00

HAMPSHIRE___PAPER_HYD 323593	48.13 0.57 0.00	44.36 0.48 0.00	39.67 0.35 0.00	38.50 0.34 0.00	38.96 0.39 0.00	40.71 0.52 0.00	42.29 0.66 0.00	49.81 1.12 0.00	55.03 1.50 0.00	56.34 1.43 0.00	58.40 1.26 0.00	62.14 1.28 0.00	67.60 1.26 0.00	76.70 1.43 0.00	81.97 0.57 0.00	81.41 0.33 0.00	93.83 0.28 0.00	107.18 0.75 -0.19	102.45 1.22 0.00	93.27 1.73 0.00	83.40 1.15 0.00	76.79 1.43 0.00	65.26 1.28 0.00	57.90 1.08 0.00
HARDSCRABBLE_WT_PWR 323673	47.46 -0.09 0.00	43.75 -0.13 0.00	39.20 -0.12 0.00	38.08 -0.08 0.00	38.54 -0.04 0.00	40.23 0.04 0.00	41.66 0.04 0.00	48.69 0.00 0.00	53.59 0.05 0.00	54.92 0.00 0.00	57.09 -0.06 0.00	60.80 -0.06 0.00	66.27 -0.07 0.00	75.27 0.00 0.00	81.15 -0.24 0.00	80.84 -0.24 0.00	93.27 -0.28 0.00	105.92 -0.32 0.00	101.13 -0.10 0.00	91.36 -0.18 0.00	82.25 0.00 0.00	75.14 -0.23 0.00	63.72 -0.25 0.00	56.71 -0.11 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.22 2.66 0.00	46.16 2.28 0.00	41.44 2.12 0.00	40.18 2.02 0.00	40.54 1.97 0.00	42.28 2.09 0.00	44.08 2.46 0.00	51.12 2.43 0.00	56.00 2.46 0.00	57.44 2.53 0.00	59.77 2.63 0.00	63.54 2.68 0.00	69.52 3.18 0.00	79.11 3.84 0.00	86.11 4.72 0.00	86.27 5.19 0.00	99.53 5.99 0.00	113.25 7.01 0.00	107.40 6.17 0.00	96.94 5.40 0.00	87.35 5.10 0.00	78.76 3.39 0.00	66.41 2.43 0.00	59.38 2.56 0.00
HARSNRAD_115KV_TB1 81005	48.22 0.67 0.00	45.50 1.62 0.00	40.26 0.94 0.00	38.23 0.08 0.00	38.19 -0.39 0.00	39.75 -0.44 0.00	40.67 -0.96 0.00	46.06 -2.63 0.00	51.66 -1.87 0.00	53.76 -1.15 0.00	56.06 -1.09 0.00	60.31 -0.55 0.00	67.00 0.66 0.00	76.17 0.90 0.00	80.58 -0.81 0.00	80.03 -1.05 0.00	92.24 -1.31 0.00	103.48 -2.76 0.00	99.20 -2.02 0.00	91.91 0.37 0.00	82.25 0.00 0.00	75.29 -0.08 0.00	64.74 0.77 0.00	59.55 2.73 0.00
HARZA MOOSE___RIVER 24016	48.98 1.43 0.00	45.15 1.27 0.00	40.37 1.06 0.00	39.15 0.99 0.00	39.58 1.00 0.00	41.43 1.25 0.00	43.04 1.42 0.00	50.44 1.75 0.00	55.84 2.30 0.00	57.22 2.31 0.00	59.37 2.23 0.00	63.18 2.31 0.00	68.99 2.65 0.00	78.43 3.16 0.00	83.92 2.52 0.00	83.52 2.43 0.00	96.63 3.09 0.00	110.20 3.82 -0.13	105.48 4.25 0.00	95.93 4.39 0.00	85.70 3.45 0.00	78.45 3.09 0.00	66.15 2.18 0.00	58.75 1.93 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	47.55 0.00 0.00	43.88 0.00 0.00	39.27 -0.04 0.00	37.96 -0.19 0.00	38.31 -0.27 0.00	39.95 -0.24 0.00	41.33 -0.29 0.00	48.15 -0.54 0.00	53.21 -0.32 0.00	54.64 -0.27 0.00	56.97 -0.17 0.00	60.86 0.00 0.00	66.67 0.33 0.00	75.80 0.53 0.00	81.64 0.24 0.00	81.17 0.08 0.00	93.55 0.00 0.00	106.14 -0.11 0.00	101.23 0.00 0.00	92.18 0.64 0.00	82.74 0.49 0.00	75.59 0.23 0.00	64.04 0.06 0.00	57.11 0.28 0.00
HELLGATE_13_KV_LD 55870	51.12 3.57 0.00	47.04 3.16 0.00	42.19 2.87 0.00	40.87 2.71 0.00	41.24 2.66 0.00	43.04 2.85 0.00	45.09 3.45 -0.01	52.05 3.36 0.00	56.85 3.32 0.00	58.32 3.40 0.00	60.57 3.43 0.00	64.39 3.53 0.00	70.32 3.98 0.00	79.86 4.59 0.01	87.25 5.86 0.00	87.82 6.73 0.00	101.22 7.67 0.00	115.06 8.82 0.00	108.51 7.29 0.01	97.76 6.22 0.01	88.08 5.84 0.00	78.97 3.62 0.01	66.53 2.56 0.01	59.83 3.01 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.12 3.57 0.00	47.04 3.16 0.00	42.19 2.87 0.00	40.87 2.71 0.00	41.24 2.66 0.00	43.04 2.85 0.00	45.09 3.45 -0.01	52.05 3.36 0.00	56.85 3.32 0.00	58.32 3.40 0.00	60.57 3.43 0.00	64.39 3.53 0.00	70.32 3.98 0.00	79.86 4.59 0.01	87.25 5.86 0.00	87.82 6.73 0.00	101.22 7.67 0.00	115.06 8.82 0.00	108.51 7.29 0.01	97.76 6.22 0.01	88.08 5.84 0.00	78.97 3.62 0.01	66.53 2.56 0.01	59.83 3.01 0.00
HEMPSTEAD____ 23647	51.07 3.52 0.00	47.18 3.29 -0.01	42.30 2.99 0.00	40.90 2.75 0.00	41.35 2.78 0.00	43.17 2.97 -0.01	45.08 3.45 -0.01	51.71 3.02 0.00	55.56 2.14 0.12	56.72 2.20 0.39	59.78 2.63 0.00	63.60 2.74 0.00	69.65 3.32 0.00	79.03 3.76 0.00	86.52 5.13 0.00	86.84 5.76 0.00	100.09 6.74 0.19	114.14 8.29 0.39	108.21 7.29 0.31	97.12 5.58 0.00	86.68 4.44 0.01	76.96 2.41 0.82	64.62 1.66 1.02	57.96 1.87 0.73
HICKLING___1 23621	49.55 2.00 0.00	45.98 2.11 0.00	41.08 1.77 0.00	39.45 1.30 0.00	39.58 1.00 0.00	41.23 1.04 0.00	42.62 1.00 0.00	49.08 0.39 0.00	54.39 0.86 0.00	56.01 1.10 0.00	58.40 1.26 0.00	62.69 1.83 0.00	69.19 2.85 0.00	78.73 3.46 0.00	84.08 2.69 0.00	83.52 2.43 0.00	96.26 2.71 0.00	109.00 2.76 0.00	104.26 3.04 0.00	95.75 4.21 0.00	86.28 4.03 0.00	78.91 3.54 0.00	67.24 3.26 0.00	60.57 3.75 0.00
HICKLING___2 23622	49.55 2.00 0.00	45.98 2.11 0.00	41.08 1.77 0.00	39.45 1.30 0.00	39.58 1.00 0.00	41.23 1.04 0.00	42.62 1.00 0.00	49.08 0.39 0.00	54.39 0.86 0.00	56.01 1.10 0.00	58.40 1.26 0.00	62.69 1.83 0.00	69.19 2.85 0.00	78.73 3.46 0.00	84.08 2.69 0.00	83.52 2.43 0.00	96.26 2.71 0.00	109.00 2.76 0.00	104.26 3.04 0.00	95.75 4.21 0.00	86.28 4.03 0.00	78.91 3.54 0.00	67.24 3.26 0.00	60.57 3.75 0.00
HIGH FALLS___HY 23754	50.19 3.09 0.46	46.29 2.63 0.22	41.71 2.40 0.00	40.52 2.37 0.00	40.85 2.28 0.00	42.64 2.45 0.00	44.28 2.75 0.09	50.94 2.78 0.53	55.60 2.89 0.82	56.92 2.91 0.91	59.18 2.97 0.94	62.80 3.10 1.17	68.47 3.65 1.52	77.62 4.44 2.09	84.18 5.29 2.51	84.27 5.68 2.49	97.00 6.74 3.28	110.22 8.07 4.10	104.73 7.29 3.79	97.68 6.41 0.27	88.33 6.09 0.00	77.48 4.22 2.10	65.75 3.13 1.36	59.08 3.18 0.92
HIGH_RIVER___SOLAR 323847	49.93 2.38 0.00	45.98 2.11 0.00	41.24 1.93 0.00	40.02 1.87 0.00	40.47 1.89 0.00	42.24 2.05 0.00	43.58 1.96 0.00	50.64 1.95 0.00	55.46 1.92 0.00	56.51 1.59 0.00	58.58 1.43 0.00	62.20 1.34 0.00	67.80 1.46 0.00	77.15 1.88 0.00	83.67 2.28 0.00	83.19 2.10 0.00	96.16 2.62 0.00	109.86 3.61 0.00	105.99 4.76 0.00	96.48 4.94 0.00	87.01 4.77 0.00	79.21 3.84 0.00	66.92 2.94 0.00	59.49 2.67 0.00
HILLBURN___GT 23639	50.22 2.66 0.00	46.16 2.28 0.00	41.47 2.16 0.00	40.18 2.02 0.00	40.50 1.93 0.00	42.28 2.09 0.00	44.12 2.50 0.00	51.12 2.43 0.00	56.00 2.46 0.00	57.50 2.58 0.00	59.78 2.63 0.00	63.54 2.67 0.00	69.52 3.18 0.00	79.03 3.76 0.00	86.19 4.80 0.00	86.28 5.19 0.00	99.54 5.99 0.00	113.25 7.01 0.00	107.30 6.07 0.00	96.66 5.12 0.00	87.18 4.93 0.00	78.46 3.09 0.00	66.21 2.24 0.00	59.21 2.39 0.00
HILLSIDE_115KV_TB1 80332	48.70 1.14 0.00	45.19 1.32 0.00	40.45 1.14 0.00	38.88 0.72 0.00	39.00 0.42 0.00	40.63 0.44 0.00	42.04 0.42 0.00	48.40 -0.29 0.00	53.59 0.05 0.00	55.25 0.33 0.00	57.55 0.40 0.00	61.78 0.91 0.00	68.06 1.72 0.00	77.38 2.11 0.00	82.78 1.38 0.00	82.38 1.30 0.00	94.86 1.31 0.00	107.41 1.17 0.00	102.75 1.52 0.00	94.10 2.56 0.00	84.80 2.55 0.00	77.63 2.26 0.00	66.02 2.05 0.00	59.44 2.61 0.00

HISHELDN_WT_PWR 323625	48.98 1.43 0.00	45.90 2.02 0.00	40.73 1.41 0.00	38.76 0.61 0.00	38.77 0.19 0.00	40.39 0.20 0.00	41.58 -0.04 0.00	47.38 -1.31 0.00	52.84 -0.70 0.00	54.81 -0.11 0.00	57.09 -0.06 0.00	61.60 0.73 0.00	68.19 1.85 0.00	77.53 2.26 0.00	82.93 1.54 0.00	81.90 0.81 0.00	94.39 0.84 0.00	106.14 -0.11 0.00	101.84 0.61 0.00	94.28 2.74 0.00	84.55 2.30 0.00	77.78 2.41 0.00	66.28 2.30 0.00	60.51 3.69 0.00
HOLTSVILLE_IC_1 23690	51.17 3.61 0.00	47.40 3.51 -0.01	42.46 3.15 0.00	41.02 2.86 0.00	41.51 2.93 0.00	43.37 3.17 -0.01	45.30 3.66 -0.01	51.71 3.02 0.00	54.84 1.55 0.25	55.61 1.48 0.79	58.88 1.88 0.15	62.55 2.07 0.39	68.74 2.79 0.38	77.75 3.01 0.54	85.28 4.31 0.43	86.20 5.11 0.00	99.11 6.17 0.61	113.13 8.18 1.30	107.46 7.19 0.96	96.66 5.12 0.00	85.53 3.29 0.01	75.09 1.36 1.64	62.20 1.09 2.87	56.42 1.08 1.48
HOLTSVILLE_IC_10 23699	51.45 3.90 0.00	47.66 3.77 -0.01	42.69 3.38 0.00	41.21 3.05 0.00	41.70 3.12 0.00	43.57 3.38 -0.01	45.50 3.87 -0.01	52.00 3.31 0.00	55.22 1.92 0.24	56.00 1.87 0.79	59.29 2.34 0.20	62.98 2.62 0.50	69.22 3.38 0.50	78.18 3.61 0.70	85.97 5.13 0.55	87.00 5.92 0.00	100.05 7.11 0.60	114.17 9.24 1.31	108.47 8.20 0.95	97.49 5.95 0.00	86.27 4.03 0.01	75.70 1.96 1.62	62.64 1.60 2.94	56.83 1.47 1.47
HOLTSVILLE_IC_2 23691	51.17 3.61 0.00	47.40 3.51 -0.01	42.46 3.15 0.00	41.02 2.86 0.00	41.51 2.93 0.00	43.37 3.17 -0.01	45.30 3.66 -0.01	51.71 3.02 0.00	54.84 1.55 0.25	55.61 1.48 0.79	58.88 1.88 0.15	62.55 2.07 0.39	68.74 2.79 0.38	77.75 3.01 0.54	85.28 4.31 0.43	86.20 5.11 0.00	99.11 6.17 0.61	113.13 8.18 1.30	107.46 7.19 0.96	96.66 5.12 0.00	85.53 3.29 0.01	75.09 1.36 1.64	62.20 1.09 2.87	56.42 1.08 1.48
HOLTSVILLE_IC_3 23692	51.17 3.61 0.00	47.40 3.51 -0.01	42.46 3.15 0.00	41.02 2.86 0.00	41.51 2.93 0.00	43.37 3.17 -0.01	45.30 3.66 -0.01	51.71 3.02 0.00	54.84 1.55 0.25	55.61 1.48 0.79	58.88 1.88 0.15	62.55 2.07 0.39	68.74 2.79 0.38	77.75 3.01 0.54	85.28 4.31 0.43	86.20 5.11 0.00	99.11 6.17 0.61	113.13 8.18 1.30	107.46 7.19 0.96	96.66 5.12 0.00	85.53 3.29 0.01	75.09 1.36 1.64	62.20 1.09 2.87	56.42 1.08 1.48
HOLTSVILLE_IC_4 23693	51.17 3.61 0.00	47.40 3.51 -0.01	42.46 3.15 0.00	41.02 2.86 0.00	41.51 2.93 0.00	43.37 3.17 -0.01	45.30 3.66 -0.01	51.71 3.02 0.00	54.84 1.55 0.25	55.61 1.48 0.79	58.88 1.88 0.15	62.55 2.07 0.39	68.74 2.79 0.38	77.75 3.01 0.54	85.28 4.31 0.43	86.20 5.11 0.00	99.11 6.17 0.61	113.13 8.18 1.30	107.46 7.19 0.96	96.66 5.12 0.00	85.53 3.29 0.01	75.09 1.36 1.64	62.20 1.09 2.87	56.42 1.08 1.48
HOLTSVILLE_IC_5 23694	51.17 3.61 0.00	47.40 3.51 -0.01	42.46 3.15 0.00	41.02 2.86 0.00	41.51 2.93 0.00	43.37 3.17 -0.01	45.30 3.66 -0.01	51.71 3.02 0.00	54.84 1.55 0.25	55.61 1.48 0.79	58.88 1.88 0.15	62.55 2.07 0.39	68.74 2.79 0.38	77.75 3.01 0.54	85.28 4.31 0.43	86.20 5.11 0.00	99.11 6.17 0.61	113.13 8.18 1.30	107.46 7.19 0.96	96.66 5.12 0.00	85.53 3.29 0.01	75.09 1.36 1.64	62.20 1.09 2.87	56.42 1.08 1.48
HOLTSVILLE_IC_6 23695	51.45 3.90 0.00	47.66 3.77 -0.01	42.69 3.38 0.00	41.21 3.05 0.00	41.70 3.12 0.00	43.57 3.38 -0.01	45.50 3.87 -0.01	52.00 3.31 0.00	55.22 1.92 0.24	56.00 1.87 0.79	59.29 2.34 0.20	62.98 2.62 0.50	69.22 3.38 0.50	78.18 3.61 0.70	85.97 5.13 0.55	87.00 5.92 0.00	100.05 7.11 0.60	114.17 9.24 1.31	108.47 8.20 0.95	97.49 5.95 0.00	86.27 4.03 0.01	75.70 1.96 1.62	62.64 1.60 2.94	56.83 1.47 1.47
HOLTSVILLE_IC_7 23696	51.45 3.90 0.00	47.66 3.77 -0.01	42.69 3.38 0.00	41.21 3.05 0.00	41.70 3.12 0.00	43.57 3.38 -0.01	45.50 3.87 -0.01	52.00 3.31 0.00	55.22 1.92 0.24	56.00 1.87 0.79	59.29 2.34 0.20	62.98 2.62 0.50	69.22 3.38 0.50	78.18 3.61 0.70	85.97 5.13 0.55	87.00 5.92 0.00	100.05 7.11 0.60	114.17 9.24 1.31	108.47 8.20 0.95	97.49 5.95 0.00	86.27 4.03 0.01	75.70 1.96 1.62	62.64 1.60 2.94	56.83 1.47 1.47
HOLTSVILLE_IC_8 23697	51.45 3.90 0.00	47.66 3.77 -0.01	42.69 3.38 0.00	41.21 3.05 0.00	41.70 3.12 0.00	43.57 3.38 -0.01	45.50 3.87 -0.01	52.00 3.31 0.00	55.22 1.92 0.24	56.00 1.87 0.79	59.29 2.34 0.20	62.98 2.62 0.50	69.22 3.38 0.50	78.18 3.61 0.70	85.97 5.13 0.55	87.00 5.92 0.00	100.05 7.11 0.60	114.17 9.24 1.31	108.47 8.20 0.95	97.49 5.95 0.00	86.27 4.03 0.01	75.70 1.96 1.62	62.64 1.60 2.94	56.83 1.47 1.47
HOLTSVILLE_IC_9 23698	51.45 3.90 0.00	47.66 3.77 -0.01	42.69 3.38 0.00	41.21 3.05 0.00	41.70 3.12 0.00	43.57 3.38 -0.01	45.50 3.87 -0.01	52.00 3.31 0.00	55.22 1.92 0.24	56.00 1.87 0.79	59.29 2.34 0.20	62.98 2.62 0.50	69.22 3.38 0.50	78.18 3.61 0.70	85.97 5.13 0.55	87.00 5.92 0.00	100.05 7.11 0.60	114.17 9.24 1.31	108.47 8.20 0.95	97.49 5.95 0.00	86.27 4.03 0.01	75.70 1.96 1.62	62.64 1.60 2.94	56.83 1.47 1.47
HOMER_HL_115KV_TB2 355744	48.41 0.86 0.00	45.28 1.40 0.00	40.45 1.14 0.00	38.50 0.34 0.00	38.27 -0.31 0.00	39.91 -0.28 0.00	41.33 -0.29 0.00	47.33 -1.36 0.00	52.84 -0.70 0.00	54.97 0.05 0.00	57.20 0.06 0.00	61.71 0.85 0.00	68.53 2.19 0.00	77.15 1.88 0.00	81.80 0.41 0.00	81.49 0.41 0.00	93.92 0.37 0.00	105.60 -0.64 0.00	101.23 0.00 0.00	93.28 1.74 0.00	83.97 1.73 0.00	77.02 1.66 0.00	66.60 2.62 0.00	60.40 3.58 0.00
HOWARD_WT_PWR 323690	50.12 2.57 0.00	46.60 2.72 0.00	41.55 2.24 0.00	39.68 1.53 0.00	39.77 1.20 0.00	41.47 1.29 0.00	42.92 1.29 0.00	49.52 0.83 0.00	54.66 1.13 0.00	56.23 1.32 0.00	58.52 1.37 0.00	62.99 2.13 0.00	69.59 3.25 0.00	79.18 3.91 0.00	84.97 3.58 0.00	84.00 2.91 0.00	96.91 3.36 0.00	109.74 3.50 0.00	105.48 4.25 0.00	97.67 6.13 0.00	87.92 5.67 0.00	80.79 5.43 0.00	68.52 4.54 0.00	61.88 5.06 0.00
HQ_GEN_CEDARS 23644	47.36 -0.19 0.00	43.66 -0.22 0.00	39.16 -0.16 0.00	38.00 -0.15 0.00	38.50 -0.08 0.00	40.03 -0.16 0.00	41.54 -0.08 0.00	49.13 0.44 0.00	53.96 0.43 0.00	55.36 0.44 0.00	57.37 0.23 0.00	61.11 0.24 0.00	66.27 -0.07 0.00	74.97 -0.30 0.00	80.82 -0.57 0.00	80.36 -0.73 0.00	92.52 -1.03 0.00	105.29 -0.96 0.00	100.11 -1.11 0.00	90.53 -1.01 0.00	81.09 -1.15 0.00	75.14 -0.23 0.00	64.30 0.32 0.00	56.82 0.00 0.00
HQ_GEN_CEDARS_PROXY 323590	47.32 -0.24 0.00	43.66 -0.22 0.00	39.16 -0.16 0.00	38.00 -0.15 0.00	38.50 -0.08 0.00	40.03 -0.16 0.00	41.54 -0.08 0.00	49.13 0.44 0.00	53.96 0.43 0.00	55.35 0.44 0.00	57.38 0.23 0.00	61.11 0.24 0.00	66.27 -0.07 0.00	74.97 -0.30 0.00	80.66 -0.73 0.00	80.35 -0.73 0.00	92.52 -1.03 0.00	105.28 -0.96 0.00	100.12 -1.11 0.00	90.54 -1.00 0.00	81.09 -1.15 0.00	75.14 -0.23 0.00	66.38 0.32 -2.08	54.74 0.00 2.08

HQ_GEN_IMPORT 323601	46.93 -0.62 0.00	43.31 -0.57 0.00	38.80 -0.51 0.00	37.70 -0.46 0.00	38.15 -0.42 0.00	39.71 -0.48 0.00	41.17 -0.46 0.00	48.54 -0.15 0.00	53.32 -0.21 0.00	54.70 -0.22 0.00	56.86 -0.28 0.00	60.56 -0.30 0.00	65.74 -0.60 0.00	74.44 -0.83 0.00	80.33 -1.06 0.00	80.12 -0.97 0.00	92.43 -1.12 0.00	105.08 -1.17 0.00	99.91 -1.32 0.00	89.98 -1.56 0.00	80.41 -1.57 0.27	74.88 -0.75 -0.27	65.74 -0.32 -2.08	54.12 -0.62 2.08
HQ_GEN_WHEEL 23651	46.93 -0.62 0.00	43.31 -0.57 0.00	38.80 -0.51 0.00	37.70 -0.46 0.00	38.15 -0.42 0.00	39.71 -0.48 0.00	41.17 -0.46 0.00	48.54 -0.15 0.00	53.32 -0.21 0.00	54.70 -0.22 0.00	56.86 -0.28 0.00	60.56 -0.30 0.00	65.74 -0.60 0.00	74.44 -0.83 0.00	80.33 -1.06 0.00	80.12 -0.97 0.00	92.43 -1.12 0.00	105.08 -1.17 0.00	99.91 -1.32 0.00	89.98 -1.56 0.00	80.41 -1.57 0.27	74.88 -0.75 -0.27	65.74 -0.32 -2.08	54.12 -0.62 2.08
HUDSON AVE_GT_3 23810	50.79 3.23 0.00	46.69 2.81 0.00	41.87 2.56 0.00	40.56 2.40 0.00	40.93 2.35 0.00	42.76 2.57 0.00	44.70 3.08 0.00	51.80 3.12 0.00	56.75 3.21 0.00	58.16 3.24 0.00	60.46 3.31 0.00	64.33 3.47 0.00	70.32 3.98 0.00	79.86 4.59 0.00	87.17 5.78 0.00	87.57 6.49 0.00	101.03 7.48 0.00	114.85 8.61 0.00	108.41 7.19 0.00	97.76 6.22 0.00	88.09 5.84 0.00	78.91 3.54 0.00	66.54 2.56 0.00	59.66 2.84 0.00
HUDSON AVE_GT_4 23540	50.79 3.23 0.00	46.69 2.81 0.00	41.87 2.56 0.00	40.56 2.40 0.00	40.93 2.35 0.00	42.76 2.57 0.00	44.70 3.08 0.00	51.80 3.12 0.00	56.75 3.21 0.00	58.16 3.24 0.00	60.46 3.31 0.00	64.33 3.47 0.00	70.32 3.98 0.00	79.86 4.59 0.00	87.17 5.78 0.00	87.57 6.49 0.00	101.03 7.48 0.00	114.85 8.61 0.00	108.41 7.19 0.00	97.76 6.22 0.00	88.09 5.84 0.00	78.91 3.54 0.00	66.54 2.56 0.00	59.66 2.84 0.00
HUDSON AVE_GT_5 23657	50.79 3.23 0.00	46.69 2.81 0.00	41.87 2.56 0.00	40.56 2.40 0.00	40.93 2.35 0.00	42.76 2.57 0.00	44.70 3.08 0.00	51.80 3.12 0.00	56.75 3.21 0.00	58.16 3.24 0.00	60.46 3.31 0.00	64.33 3.47 0.00	70.32 3.98 0.00	79.86 4.59 0.00	87.17 5.78 0.00	87.57 6.49 0.00	101.03 7.48 0.00	114.85 8.61 0.00	108.41 7.19 0.00	97.76 6.22 0.00	88.09 5.84 0.00	78.91 3.54 0.00	66.54 2.56 0.00	59.66 2.84 0.00
HUDSON_AVE_10 24168	50.65 3.09 0.00	46.55 2.68 0.00	41.75 2.44 0.00	40.41 2.25 0.00	40.77 2.20 0.00	42.60 2.41 0.00	44.62 3.00 0.00	51.71 3.02 0.00	56.64 3.11 0.00	58.05 3.13 0.00	60.29 3.14 0.00	64.09 3.23 0.00	70.05 3.71 0.00	79.56 4.29 0.00	86.93 5.53 0.00	87.25 6.16 0.00	101.04 7.20 -0.29	115.12 8.29 -0.59	108.68 6.98 -0.46	97.49 5.95 0.00	87.84 5.59 0.00	78.68 3.32 0.00	66.41 2.43 0.00	59.49 2.67 0.00
HUDSON___115KV_TB 4 355613	46.90 1.09 1.74	43.91 0.88 0.84	40.10 0.79 0.00	38.96 0.80 0.00	39.39 0.81 0.00	41.03 0.84 0.00	42.27 1.00 0.35	47.52 0.83 2.00	51.10 0.70 3.13	52.02 0.55 3.45	53.99 0.40 3.55	56.81 0.37 4.42	60.99 0.40 5.75	68.04 0.68 7.91	73.03 1.14 9.50	72.79 1.14 9.43	82.60 1.50 12.44	92.83 2.12 15.54	89.49 2.63 14.37	93.19 2.65 1.01	84.93 2.71 0.03	69.20 1.81 7.97	59.96 1.15 5.17	54.41 1.08 3.49
HUNTER MOUNT___DRP 323613	46.25 1.24 2.54	43.70 1.05 1.23	40.14 0.83 0.00	39.03 0.88 0.00	39.46 0.89 0.00	41.11 0.92 0.00	42.28 1.17 0.51	46.81 1.02 2.90	49.95 0.96 4.55	50.67 0.77 5.02	52.60 0.63 5.17	55.04 0.61 6.43	58.64 0.66 8.36	64.81 1.05 11.51	69.03 1.47 13.82	68.83 1.46 13.72	77.22 1.78 18.10	86.19 2.55 22.61	83.56 3.24 20.91	93.28 3.20 1.47	85.43 3.21 0.02	66.10 2.34 11.60	58.06 1.60 7.52	53.16 1.42 5.08
HUNTINGTON_RES_REC 323705	51.17 3.61 0.00	47.35 3.47 -0.01	42.42 3.10 0.00	40.94 2.78 0.00	41.47 2.89 0.00	43.29 3.09 -0.01	45.21 3.58 -0.01	51.71 3.02 0.00	54.68 1.39 0.24	55.51 1.37 0.78	58.39 1.83 0.58	61.48 2.07 1.46	67.67 2.79 1.45	76.25 3.01 2.03	84.26 4.47 1.61	86.28 5.19 0.00	99.31 6.36 0.60	112.94 8.18 1.48	107.46 7.19 0.95	96.66 5.12 0.00	85.69 3.45 0.01	75.17 1.43 1.62	61.21 0.96 3.73	56.38 1.02 1.47
HUNTLEY___63 23557	48.79 1.24 0.00	45.98 2.11 0.00	40.69 1.38 0.00	38.61 0.46 0.00	38.58 0.00 0.00	40.19 0.00 0.00	41.29 -0.33 0.00	46.74 -1.95 0.00	52.46 -1.07 0.00	54.64 -0.27 0.00	56.97 -0.17 0.00	61.35 0.49 0.00	67.73 1.39 0.00	77.08 1.81 0.00	81.56 0.16 0.00	80.92 -0.16 0.00	93.64 0.09 0.00	104.97 -1.27 0.00	100.72 -0.51 0.00	93.19 1.65 0.00	83.32 1.07 0.00	76.27 0.90 0.00	65.77 1.79 0.00	60.52 3.69 0.00
HUNTLEY___64 23558	48.79 1.24 0.00	45.98 2.11 0.00	40.69 1.38 0.00	38.61 0.46 0.00	38.58 0.00 0.00	40.19 0.00 0.00	41.29 -0.33 0.00	46.74 -1.95 0.00	52.46 -1.07 0.00	54.64 -0.27 0.00	56.97 -0.17 0.00	61.35 0.49 0.00	67.73 1.39 0.00	77.08 1.81 0.00	81.56 0.16 0.00	80.92 -0.16 0.00	93.64 0.09 0.00	104.97 -1.27 0.00	100.72 -0.51 0.00	93.19 1.65 0.00	83.32 1.07 0.00	76.27 0.90 0.00	65.77 1.79 0.00	60.52 3.69 0.00
HUNTLEY___65 23559	48.79 1.24 0.00	45.98 2.11 0.00	40.69 1.38 0.00	38.61 0.46 0.00	38.58 0.00 0.00	40.19 0.00 0.00	41.29 -0.33 0.00	46.74 -1.95 0.00	52.46 -1.07 0.00	54.64 -0.27 0.00	56.97 -0.17 0.00	61.35 0.49 0.00	67.73 1.39 0.00	77.08 1.81 0.00	81.56 0.16 0.00	80.92 -0.16 0.00	93.64 0.09 0.00	104.97 -1.27 0.00	100.72 -0.51 0.00	93.19 1.65 0.00	83.32 1.07 0.00	76.27 0.90 0.00	65.77 1.79 0.00	60.52 3.69 0.00
HUNTLEY___66 23560	48.79 1.24 0.00	45.98 2.11 0.00	40.69 1.38 0.00	38.61 0.46 0.00	38.58 0.00 0.00	40.19 0.00 0.00	41.29 -0.33 0.00	46.74 -1.95 0.00	52.46 -1.07 0.00	54.64 -0.27 0.00	56.97 -0.17 0.00	61.35 0.49 0.00	67.73 1.39 0.00	77.08 1.81 0.00	81.56 0.16 0.00	80.92 -0.16 0.00	93.64 0.09 0.00	104.97 -1.27 0.00	100.72 -0.51 0.00	93.19 1.65 0.00	83.32 1.07 0.00	76.27 0.90 0.00	65.77 1.79 0.00	60.52 3.69 0.00
HUNTLEY___67 23561	48.46 0.90 0.00	45.72 1.84 0.00	40.45 1.14 0.00	38.46 0.31 0.00	38.38 -0.19 0.00	39.95 -0.24 0.00	41.08 -0.54 0.00	46.69 -2.00 0.00	52.36 -1.18 0.00	54.48 -0.44 0.00	56.75 -0.40 0.00	61.11 0.24 0.00	68.00 1.66 0.00	77.30 2.03 0.00	81.80 0.41 0.00	81.25 0.16 0.00	93.73 0.19 0.00	105.07 -1.17 0.00	100.72 -0.51 0.00	93.19 1.65 0.00	83.40 1.15 0.00	76.34 0.98 0.00	65.58 1.60 0.00	60.17 3.35 0.00
HUNTLEY___68 23562	48.46 0.90 0.00	45.72 1.84 0.00	40.45 1.14 0.00	38.46 0.31 0.00	38.38 -0.19 0.00	39.95 -0.24 0.00	41.08 -0.54 0.00	46.69 -2.00 0.00	52.36 -1.18 0.00	54.48 -0.44 0.00	56.75 -0.40 0.00	61.11 0.24 0.00	68.00 1.66 0.00	77.30 2.03 0.00	81.80 0.41 0.00	81.25 0.16 0.00	93.73 0.19 0.00	105.07 -1.17 0.00	100.72 -0.51 0.00	93.19 1.65 0.00	83.40 1.15 0.00	76.34 0.98 0.00	65.58 1.60 0.00	60.17 3.35 0.00

HYLAND___LFGE 323620	51.98 4.42 0.00	48.31 4.43 0.00	42.85 3.54 0.00	40.83 2.67 0.00	41.08 2.51 0.00	42.76 2.57 0.00	44.25 2.62 0.00	50.39 1.70 0.00	53.16 -0.37 0.00	54.20 -0.72 0.00	55.83 -1.31 0.00	59.89 -0.98 0.00	66.14 -0.20 0.00	75.42 0.15 0.00	81.47 0.08 0.00	80.84 -0.24 0.00	93.92 0.38 0.00	107.41 1.17 0.00	104.67 3.44 0.00	97.67 6.13 0.00	87.92 5.67 0.00	81.02 5.66 0.00	68.33 4.35 0.00	61.37 4.55 0.00
INDECK___CORINTH 23802	49.31 1.76 0.00	45.32 1.45 0.00	40.84 1.53 0.00	39.49 1.33 0.00	39.96 1.39 0.00	41.71 1.53 0.00	43.04 1.42 0.00	50.10 1.41 0.00	55.09 1.55 0.00	56.45 1.54 0.00	58.12 0.97 0.00	61.78 0.91 0.00	67.07 0.73 0.00	76.40 1.13 0.00	82.86 1.47 0.00	82.22 1.13 0.00	95.04 1.49 0.00	108.26 2.01 0.00	105.28 4.05 0.00	95.47 3.93 0.00	86.46 4.19 -0.02	78.46 3.09 0.00	66.15 2.18 0.00	58.64 1.82 0.00
INDECK___ILION 23567	47.70 0.14 0.00	44.01 0.13 0.00	39.39 0.08 0.00	38.27 0.11 0.00	38.73 0.15 0.00	40.39 0.20 0.00	41.83 0.21 0.00	48.88 0.19 0.00	53.75 0.21 0.00	55.14 0.22 0.00	57.32 0.17 0.00	61.05 0.18 0.00	66.60 0.27 0.00	75.65 0.38 0.00	81.64 0.24 0.00	81.33 0.24 0.00	93.83 0.28 0.00	106.56 0.32 0.00	101.73 0.51 0.00	92.00 0.46 0.00	82.74 0.49 0.00	75.59 0.23 0.00	64.04 0.06 0.00	56.94 0.11 0.00
INDECK___OLEAN 23982	48.60 1.04 0.00	45.28 1.40 0.00	40.45 1.14 0.00	38.50 0.34 0.00	38.27 -0.31 0.00	39.91 -0.28 0.00	41.38 -0.25 0.00	47.38 -1.31 0.00	52.84 -0.70 0.00	54.92 0.00 0.00	57.15 0.00 0.00	61.90 1.03 0.00	68.52 2.19 0.00	77.15 1.88 0.00	82.45 1.06 0.00	81.57 0.49 0.00	93.92 0.38 0.00	105.61 -0.63 0.00	101.33 0.10 0.00	93.47 1.93 0.00	84.05 1.81 0.00	77.47 2.11 0.00	66.60 2.62 0.00	60.40 3.58 0.00
INDECK___OSWEGO 23783	47.08 -0.48 0.00	43.44 -0.44 0.00	38.84 -0.47 0.00	37.62 -0.53 0.00	38.00 -0.58 0.00	39.59 -0.60 0.00	41.00 -0.62 0.00	47.81 -0.87 0.00	52.31 -1.23 0.00	53.60 -1.32 0.00	55.83 -1.31 0.00	59.52 -1.34 0.00	65.08 -1.26 0.00	73.99 -1.28 0.00	79.84 -1.55 0.00	79.38 -1.71 0.00	91.58 -1.97 0.00	105.57 -2.34 -1.67	99.20 -2.02 0.00	90.26 -1.28 0.00	81.01 -1.23 0.00	74.16 -1.21 0.00	62.76 -1.22 0.00	55.86 -0.97 0.00
INDECK___YERKES 23781	48.93 1.38 0.00	46.03 2.15 0.00	40.73 1.41 0.00	38.65 0.49 0.00	38.61 0.04 0.00	40.23 0.04 0.00	41.33 -0.29 0.00	46.79 -1.90 0.00	52.52 -1.02 0.00	54.70 -0.22 0.00	57.03 -0.11 0.00	61.60 0.73 0.00	67.73 1.40 0.00	77.07 1.80 0.00	82.29 0.90 0.00	81.09 0.00 0.00	93.83 0.28 0.00	105.18 -1.06 0.00	100.92 -0.30 0.00	93.47 1.93 0.00	83.40 1.15 0.00	76.79 1.43 0.00	65.89 1.92 0.00	60.63 3.81 0.00
INDIAN POINT_GT_1 24139	50.22 2.66 0.00	46.20 2.33 0.00	41.47 2.16 0.00	40.18 2.02 0.00	40.54 1.97 0.00	42.32 2.13 0.00	44.16 2.54 0.00	51.12 2.43 0.00	56.05 2.52 0.00	57.44 2.53 0.00	59.72 2.57 0.00	63.48 2.62 0.00	69.52 3.18 0.00	78.96 3.69 0.00	86.11 4.72 0.00	86.36 5.27 0.00	99.63 6.08 0.00	113.47 7.22 0.00	107.40 6.17 0.00	96.85 5.31 0.00	87.26 5.02 0.00	78.45 3.09 0.00	66.15 2.18 0.00	59.15 2.33 0.00
INDIAN POINT_GT_2 23659	50.22 2.66 0.00	46.20 2.33 0.00	41.47 2.16 0.00	40.18 2.02 0.00	40.54 1.97 0.00	42.32 2.13 0.00	44.16 2.54 0.00	51.12 2.43 0.00	56.05 2.52 0.00	57.44 2.53 0.00	59.72 2.57 0.00	63.48 2.62 0.00	69.52 3.18 0.00	78.96 3.69 0.00	86.11 4.72 0.00	86.36 5.27 0.00	99.63 6.08 0.00	113.47 7.22 0.00	107.40 6.17 0.00	96.85 5.31 0.00	87.26 5.02 0.00	78.45 3.09 0.00	66.15 2.18 0.00	59.15 2.33 0.00
INDIAN POINT_GT_3 24019	50.22 2.66 0.00	46.20 2.33 0.00	41.47 2.16 0.00	40.18 2.02 0.00	40.54 1.97 0.00	42.32 2.13 0.00	44.16 2.54 0.00	51.12 2.43 0.00	56.05 2.52 0.00	57.44 2.53 0.00	59.72 2.57 0.00	63.48 2.62 0.00	69.52 3.18 0.00	78.96 3.69 0.00	86.11 4.72 0.00	86.36 5.27 0.00	99.63 6.08 0.00	113.47 7.22 0.00	107.40 6.17 0.00	96.85 5.31 0.00	87.26 5.02 0.00	78.45 3.09 0.00	66.15 2.18 0.00	59.15 2.33 0.00
INDIAN POINT___2 23530	50.17 2.61 0.00	46.16 2.28 0.00	41.43 2.12 0.00	40.14 1.98 0.00	40.47 1.89 0.00	42.24 2.05 0.00	44.08 2.46 0.00	51.07 2.39 0.00	55.95 2.41 0.00	57.39 2.47 0.00	59.66 2.51 0.00	63.42 2.56 0.00	69.39 3.05 0.00	78.81 3.54 0.00	86.03 4.64 0.00	86.11 5.03 0.00	99.35 5.80 0.00	113.05 6.81 0.00	107.10 5.87 0.00	96.57 5.03 0.00	87.01 4.77 0.00	78.23 2.86 0.00	66.02 2.05 0.00	59.10 2.28 0.00
INDIAN POINT___3 23531	50.17 2.62 0.00	46.16 2.28 0.00	41.44 2.12 0.00	40.14 1.98 0.00	40.47 1.89 0.00	42.28 2.09 0.00	44.08 2.46 0.00	51.07 2.39 0.00	55.94 2.41 0.00	57.33 2.42 0.00	59.66 2.51 0.00	63.36 2.50 0.00	69.32 2.99 0.00	78.73 3.46 0.00	85.87 4.48 0.00	86.11 5.03 0.00	99.35 5.80 0.00	113.04 6.80 0.00	107.10 5.87 0.00	96.57 5.03 0.00	87.02 4.77 0.00	78.23 2.86 0.00	66.02 2.05 0.00	59.04 2.22 0.00
INGHAM_C_115KV_TB7 356103	47.27 -0.29 0.00	43.57 -0.31 0.00	39.00 -0.31 0.00	37.93 -0.23 0.00	38.34 -0.23 0.00	40.07 -0.12 0.00	41.50 -0.12 0.00	48.49 -0.19 0.00	53.32 -0.21 0.00	54.64 -0.27 0.00	56.80 -0.34 0.00	60.50 -0.37 0.00	65.94 -0.40 0.00	74.89 -0.38 0.00	80.74 -0.65 0.00	80.44 -0.65 0.00	92.80 -0.75 0.00	105.39 -0.85 0.00	100.62 -0.61 0.00	90.99 -0.55 0.00	81.84 -0.41 0.00	74.84 -0.53 0.00	63.46 -0.51 0.00	56.42 -0.40 0.00
IP CORINTH___1 23988	49.60 2.04 0.00	45.59 1.71 0.00	41.04 1.73 0.00	39.68 1.53 0.00	40.16 1.58 0.00	41.92 1.73 0.00	43.25 1.62 0.00	50.39 1.70 0.00	55.41 1.87 0.00	56.78 1.87 0.00	58.46 1.31 0.00	62.14 1.28 0.00	67.47 1.13 0.00	76.85 1.58 0.00	83.26 1.87 0.00	82.71 1.62 0.00	95.60 2.06 0.00	108.90 2.66 0.00	105.78 4.56 0.00	96.03 4.49 0.00	86.96 4.69 -0.02	78.91 3.54 0.00	66.54 2.56 0.00	58.98 2.16 0.00
IP___TICONDEROGA 23804	51.36 3.80 0.00	47.17 3.29 0.00	42.42 3.11 0.00	40.90 2.75 0.00	41.39 2.82 0.00	43.24 3.05 0.00	44.54 2.91 0.00	51.85 3.16 0.00	57.07 3.53 0.00	58.54 3.62 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.26 2.92 0.00	79.18 3.91 0.00	85.62 4.23 0.00	84.82 3.73 0.00	98.04 4.49 0.00	112.09 5.84 0.00	109.53 8.30 0.00	99.78 8.24 0.00	90.50 8.22 -0.03	82.15 6.78 0.00	69.09 5.12 0.00	61.14 4.32 0.00
ISLIP_RES_REC 323679	51.74 4.19 0.00	47.92 4.03 -0.01	42.89 3.58 0.00	41.40 3.24 0.00	41.93 3.35 0.00	43.77 3.58 -0.01	45.75 4.12 -0.01	52.29 3.60 0.00	55.59 2.30 0.24	56.44 2.31 0.78	59.81 2.86 0.20	63.53 3.16 0.49	69.90 4.05 0.49	79.03 4.44 0.69	86.79 5.94 0.54	87.81 6.73 0.00	101.09 8.13 0.60	115.36 10.42 1.30	109.50 9.21 0.94	98.41 6.87 0.00	86.92 4.69 0.01	76.31 2.56 1.62	63.17 2.11 2.91	57.29 1.93 1.46

JAMAICA__27_KV_LOAD 355505	50.98 3.42 0.00	46.82 2.94 0.00	41.95 2.63 0.00	40.60 2.44 0.00	40.97 2.39 0.00	42.84 2.65 0.00	44.91 3.29 0.00	52.15 3.46 0.00	57.18 3.64 0.00	58.65 3.73 0.00	60.63 3.49 0.00	64.51 3.65 0.00	70.58 4.25 0.00	80.09 4.82 0.00	87.50 6.10 0.00	87.98 6.89 0.00	101.96 8.04 -0.37	116.34 9.35 -0.75	109.71 7.90 -0.58	98.41 6.87 0.00	88.74 6.50 0.00	79.21 3.84 0.00	67.05 3.07 0.00	60.00 3.18 0.00
JANIS__SOLAR 323808	50.64 3.09 0.00	46.69 2.81 0.00	41.71 2.40 0.00	40.37 2.21 0.00	40.73 2.16 0.00	42.60 2.41 0.00	44.20 2.58 0.00	51.32 2.63 0.00	56.53 3.00 0.00	57.72 2.80 0.00	59.83 2.69 0.00	63.84 2.98 0.00	69.92 3.58 0.00	79.71 4.44 0.00	85.30 3.91 0.00	84.74 3.65 0.00	98.22 4.68 0.00	112.30 6.05 0.00	108.21 6.98 0.00	99.05 7.51 0.00	89.07 6.82 0.00	81.62 6.25 0.00	68.71 4.73 0.00	61.31 4.49 0.00
JARVIS____ 23743	47.84 0.29 0.00	44.14 0.26 0.00	39.55 0.24 0.00	38.39 0.23 0.00	38.81 0.23 0.00	40.47 0.28 0.00	41.92 0.29 0.00	48.93 0.24 0.00	53.80 0.27 0.00	55.19 0.28 0.00	57.38 0.23 0.00	61.11 0.24 0.00	66.67 0.33 0.00	75.72 0.45 0.00	81.88 0.49 0.00	81.57 0.49 0.00	94.11 0.56 0.00	106.88 0.64 0.00	101.94 0.71 0.00	92.19 0.65 0.00	82.90 0.65 0.00	75.74 0.38 0.00	64.17 0.19 0.00	57.11 0.29 0.00
JENNISON____1 23625	50.84 3.28 0.00	46.90 3.03 0.00	41.95 2.63 0.00	40.67 2.52 0.00	41.04 2.47 0.00	42.92 2.73 0.00	44.54 2.91 0.00	51.80 3.12 0.00	57.23 3.69 0.00	58.71 3.79 0.00	60.92 3.77 0.00	65.06 4.20 0.00	71.31 4.98 0.00	81.29 6.02 0.00	86.60 5.21 0.00	86.19 5.11 0.00	99.81 6.27 0.00	113.47 7.22 0.00	108.82 7.59 0.00	99.23 7.69 0.00	89.32 7.07 0.00	81.62 6.26 0.00	68.78 4.80 0.00	61.42 4.60 0.00
JENNISON____2 23626	50.84 3.28 0.00	46.90 3.03 0.00	41.95 2.63 0.00	40.67 2.52 0.00	41.04 2.47 0.00	42.92 2.73 0.00	44.54 2.91 0.00	51.80 3.12 0.00	57.23 3.69 0.00	58.71 3.79 0.00	60.92 3.77 0.00	65.06 4.20 0.00	71.31 4.98 0.00	81.29 6.02 0.00	86.60 5.21 0.00	86.19 5.11 0.00	99.81 6.27 0.00	113.47 7.22 0.00	108.82 7.59 0.00	99.23 7.69 0.00	89.32 7.07 0.00	81.62 6.26 0.00	68.78 4.80 0.00	61.42 4.60 0.00
JERICOHO_RISE_WT_PWR 323719	46.32 -1.24 0.00	42.78 -1.10 0.00	38.41 -0.90 0.00	37.32 -0.84 0.00	37.88 -0.69 0.00	39.42 -0.76 0.00	40.96 -0.67 0.00	48.30 -0.39 0.00	53.05 -0.48 0.00	54.37 -0.55 0.00	56.57 -0.57 0.00	60.25 -0.61 0.00	65.27 -1.06 0.00	73.84 -1.43 0.00	79.60 -1.79 0.00	79.46 -1.62 0.00	91.68 -1.87 0.00	104.44 -1.81 0.00	99.30 -1.93 0.00	89.71 -1.83 0.00	80.36 -1.89 0.00	74.31 -1.06 0.00	63.34 -0.64 0.00	55.74 -1.08 0.00
KATONAH__115KV_46KV_TB4 355592	50.55 3.00 0.00	46.47 2.59 0.00	41.67 2.36 0.00	40.37 2.21 0.00	40.74 2.16 0.00	42.52 2.33 0.00	44.37 2.75 0.00	51.42 2.73 0.00	56.43 2.89 0.00	57.88 2.97 0.00	60.23 3.09 0.00	64.09 3.23 0.00	70.32 3.98 0.00	79.94 4.67 0.00	87.33 5.94 0.00	87.49 6.41 0.00	100.94 7.39 0.00	114.95 8.71 0.00	108.92 7.69 0.00	97.95 6.41 0.00	88.25 6.00 0.00	79.28 3.92 0.00	66.73 2.75 0.00	59.66 2.84 0.00
KCE_NY_1 323755	49.88 2.33 0.00	45.94 2.06 0.00	41.24 1.93 0.00	39.95 1.79 0.00	40.39 1.81 0.00	42.16 1.97 0.00	43.58 1.96 0.00	50.73 2.04 0.00	55.68 2.14 0.00	57.06 2.14 0.00	59.09 1.94 0.00	62.87 2.01 0.00	68.40 2.06 0.00	77.90 2.63 0.00	84.48 3.09 0.00	84.00 2.91 0.00	97.10 3.55 0.00	110.50 4.25 0.00	106.39 5.16 0.00	96.48 4.94 0.00	87.13 4.85 -0.03	79.06 3.69 0.00	66.79 2.81 0.00	59.38 2.56 0.00
KCE_NY_6_ESR 323823	49.17 1.62 0.00	46.20 2.32 0.00	40.93 1.61 0.00	38.88 0.72 0.00	38.85 0.27 0.00	40.43 0.24 0.00	41.66 0.04 0.00	47.42 -1.27 0.00	53.16 -0.37 0.00	55.30 0.39 0.00	57.60 0.46 0.00	62.26 1.40 0.00	69.06 2.72 0.00	78.58 3.31 0.00	83.92 2.53 0.00	82.79 1.71 0.00	95.42 1.87 0.00	106.99 0.75 0.00	102.64 1.42 0.00	95.02 3.48 0.00	84.88 2.63 0.00	78.15 2.79 0.00	66.66 2.69 0.00	60.97 4.15 0.00
KEDC_PORT_JEFF_GT2 24210	51.36 3.81 0.00	47.57 3.69 -0.01	42.57 3.26 0.00	41.13 2.98 0.00	41.62 3.05 0.00	43.49 3.30 -0.01	45.42 3.79 -0.01	51.85 3.16 0.00	55.05 1.76 0.24	55.83 1.70 0.79	59.04 2.12 0.22	62.62 2.31 0.56	68.77 2.99 0.55	77.28 2.79 0.78	85.01 4.23 0.62	86.03 4.95 0.00	99.02 6.08 0.60	112.99 8.07 1.32	107.36 7.08 0.95	96.48 4.94 0.00	85.28 3.04 0.01	74.79 1.05 1.63	62.26 1.28 2.99	56.71 1.36 1.47
KEDC_PORT_JEFF_GT3 24211	51.36 3.81 0.00	47.57 3.69 -0.01	42.57 3.26 0.00	41.13 2.98 0.00	41.62 3.05 0.00	43.49 3.30 -0.01	45.42 3.79 -0.01	51.85 3.16 0.00	55.05 1.76 0.24	55.83 1.70 0.79	59.04 2.12 0.22	62.62 2.31 0.56	68.77 2.99 0.55	77.28 2.79 0.78	85.01 4.23 0.62	86.03 4.95 0.00	99.02 6.08 0.60	112.99 8.07 1.32	107.36 7.08 0.95	96.48 4.94 0.00	85.28 3.04 0.01	74.79 1.05 1.63	62.26 1.28 2.99	56.71 1.36 1.47
KEDC_GLWD_GT4 24219	51.12 3.57 0.00	47.13 3.25 -0.01	42.26 2.95 0.00	40.90 2.75 0.00	41.31 2.74 0.00	43.13 2.93 -0.01	45.05 3.41 -0.01	51.90 3.21 0.00	56.18 2.73 0.08	57.45 2.80 0.26	60.34 3.20 0.00	63.84 2.98 0.00	69.98 3.65 0.00	79.48 4.21 0.00	86.93 5.54 0.00	87.17 6.08 0.00	100.65 7.11 0.00	114.75 8.50 0.00	108.61 7.39 0.00	97.49 5.95 0.00	87.26 5.02 0.00	77.76 2.94 0.54	65.31 1.99 0.65	58.83 2.50 0.49
KEDC_GLWD_GT5 24220	51.12 3.57 0.00	47.13 3.25 -0.01	42.26 2.95 0.00	40.90 2.75 0.00	41.31 2.74 0.00	43.13 2.93 -0.01	45.05 3.41 -0.01	51.90 3.21 0.00	56.18 2.73 0.08	57.45 2.80 0.26	60.34 3.20 0.00	63.84 2.98 0.00	69.98 3.65 0.00	79.48 4.21 0.00	86.93 5.54 0.00	87.17 6.08 0.00	100.65 7.11 0.00	114.75 8.50 0.00	108.61 7.39 0.00	97.49 5.95 0.00	87.26 5.02 0.00	77.76 2.94 0.54	65.31 1.99 0.65	58.83 2.50 0.49
KENSICO____ 23655	50.41 2.85 0.00	46.38 2.50 0.00	41.59 2.28 0.00	40.29 2.14 0.00	40.66 2.08 0.00	42.44 2.25 0.00	44.33 2.71 0.00	51.37 2.68 0.00	56.21 2.68 0.00	57.61 2.69 0.00	59.95 2.80 0.00	63.78 2.92 0.00	69.72 3.38 0.00	79.26 3.99 0.00	86.44 5.05 0.00	86.68 5.59 0.00	100.09 6.55 0.00	113.89 7.65 0.00	107.71 6.48 0.00	97.12 5.58 0.00	87.43 5.18 0.00	78.61 3.24 0.00	66.28 2.30 0.00	59.32 2.50 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	50.20 2.95 0.30	46.28 2.54 0.15	41.59 2.28 0.00	40.41 2.25 0.00	40.74 2.16 0.00	42.52 2.33 0.00	44.19 2.62 0.06	50.97 2.63 0.34	55.73 2.73 0.54	57.07 2.75 0.60	59.33 2.80 0.61	62.96 2.86 0.76	68.80 3.45 0.99	78.04 4.14 1.37	84.72 4.96 1.64	84.81 5.35 1.63	97.76 6.36 2.15	111.21 7.65 2.68	105.73 6.98 2.48	97.59 6.22 0.17	88.09 5.84 0.00	78.06 4.07 1.38	66.16 3.07 0.89	59.29 3.07 0.60

KIAC_JFK_GT1 23816	50.46 2.90 0.00	46.38 2.50 0.00	41.55 2.24 0.00	40.22 2.06 0.00	40.58 2.01 0.00	42.44 2.25 0.00	44.50 2.87 0.00	51.66 2.97 0.00	56.64 3.11 0.00	58.05 3.13 0.00	60.06 2.91 0.00	63.84 2.98 0.00	69.85 3.52 0.00	79.26 3.99 0.00	86.68 5.29 0.00	87.09 6.00 0.00	100.93 7.02 -0.37	115.17 8.18 -0.75	108.59 6.78 -0.58	97.40 5.86 0.00	87.76 5.51 0.00	78.38 3.01 0.00	66.34 2.37 0.00	59.38 2.56 0.00
KIAC_JFK_GT2 23817	50.46 2.90 0.00	46.38 2.50 0.00	41.55 2.24 0.00	40.22 2.06 0.00	40.58 2.01 0.00	42.44 2.25 0.00	44.50 2.87 0.00	51.66 2.97 0.00	56.64 3.11 0.00	58.05 3.13 0.00	60.06 2.91 0.00	63.84 2.98 0.00	69.85 3.52 0.00	79.26 3.99 0.00	86.68 5.29 0.00	87.09 6.00 0.00	100.93 7.02 -0.37	115.17 8.18 -0.75	108.59 6.78 -0.58	97.40 5.86 0.00	87.76 5.51 0.00	78.38 3.01 0.00	66.34 2.37 0.00	59.38 2.56 0.00
KIAC_JFK____ 323774	50.46 2.90 0.00	46.38 2.50 0.00	41.55 2.24 0.00	40.21 2.06 0.00	40.58 2.00 0.00	42.44 2.25 0.00	44.49 2.87 0.00	51.66 2.97 0.00	56.64 3.10 0.00	58.10 3.18 0.00	60.06 2.91 0.00	63.84 2.98 0.00	69.85 3.51 0.00	79.26 3.99 0.00	86.68 5.29 0.00	87.09 6.00 0.00	100.84 6.92 -0.37	115.06 8.07 -0.75	108.59 6.78 -0.58	97.31 5.77 0.00	87.76 5.51 0.00	78.30 2.94 0.00	66.35 2.37 0.00	59.38 2.56 0.00
KINTIGH__24_KV_GSU 356498	48.27 0.71 0.00	45.32 1.45 0.00	40.14 0.83 0.00	38.27 0.11 0.00	38.31 -0.27 0.00	39.82 -0.36 0.00	41.04 -0.58 0.00	46.74 -1.95 0.00	52.25 -1.29 0.00	54.26 -0.66 0.00	56.57 -0.57 0.00	60.86 0.00 0.00	67.40 1.06 0.00	76.55 1.28 0.00	81.88 0.49 0.00	80.84 -0.24 0.00	93.27 -0.28 0.00	104.44 -1.81 0.00	99.91 -1.32 0.00	92.73 1.19 0.00	82.83 0.58 0.00	76.27 0.91 0.00	64.94 0.96 0.00	59.44 2.62 0.00
KINTIGH____ 23543	48.17 0.62 0.00	45.33 1.45 0.00	40.14 0.83 0.00	38.27 0.11 0.00	38.31 -0.27 0.00	39.83 -0.36 0.00	41.04 -0.58 0.00	46.74 -1.95 0.00	52.25 -1.28 0.00	54.26 -0.66 0.00	56.57 -0.57 0.00	60.74 -0.12 0.00	67.40 1.06 0.00	76.55 1.28 0.00	81.31 -0.08 0.00	80.76 -0.32 0.00	93.17 -0.37 0.00	104.44 -1.81 0.00	99.91 -1.32 0.00	92.46 0.92 0.00	82.74 0.49 0.00	75.82 0.45 0.00	64.94 0.96 0.00	59.44 2.61 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	46.94 -0.62 0.00	43.22 -0.66 0.00	38.80 -0.51 0.00	37.66 -0.50 0.00	38.23 -0.35 0.00	39.75 -0.44 0.00	41.37 -0.25 0.00	48.54 -0.15 0.00	53.32 -0.21 0.00	54.64 -0.27 0.00	56.92 -0.23 0.00	60.56 -0.30 0.00	65.74 -0.60 0.00	74.29 -0.98 0.00	80.33 -1.06 0.00	79.95 -1.14 0.00	92.24 -1.31 0.00	105.07 -1.17 0.00	99.91 -1.32 0.00	90.72 -0.82 0.00	81.26 -0.99 0.00	75.06 -0.30 0.00	63.78 -0.19 0.00	56.25 -0.57 0.00
LACHUTE____HYDRO 323717	51.36 3.81 0.00	47.17 3.29 0.00	42.42 3.10 0.00	40.90 2.75 0.00	41.39 2.81 0.00	43.24 3.05 0.00	44.54 2.91 0.00	51.85 3.16 0.00	57.07 3.53 0.00	58.54 3.62 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.25 2.92 0.00	79.18 3.91 0.00	85.70 4.31 0.00	84.82 3.73 0.00	98.04 4.49 0.00	112.08 5.84 0.00	109.53 8.30 0.00	99.68 8.14 0.00	90.42 8.14 -0.03	82.07 6.71 0.00	69.10 5.12 0.00	61.14 4.32 0.00
LAWRNCALV_115KV_TB1 80681	47.41 -0.14 0.00	43.70 -0.18 0.00	39.19 -0.12 0.00	38.04 -0.11 0.00	38.54 -0.04 0.00	40.15 -0.04 0.00	41.62 0.00 0.00	49.22 0.54 0.00	54.12 0.59 0.00	55.47 0.55 0.00	57.49 0.34 0.00	61.17 0.30 0.00	66.34 0.00 0.00	75.04 -0.23 0.00	80.74 -0.65 0.00	79.95 -1.14 0.00	91.96 -1.59 0.00	104.76 -1.49 0.00	99.71 -1.52 0.00	90.35 -1.19 0.00	80.93 -1.32 0.00	74.99 -0.38 0.00	64.36 0.38 0.00	57.05 0.23 0.00
LEDERLE____ 23769	50.46 2.90 0.00	46.38 2.50 0.00	41.63 2.32 0.00	40.37 2.21 0.00	40.70 2.12 0.00	42.48 2.29 0.00	44.29 2.66 0.00	51.37 2.68 0.00	56.27 2.73 0.00	57.72 2.80 0.00	60.06 2.91 0.00	63.84 2.98 0.00	69.85 3.52 0.00	79.41 4.14 0.00	86.52 5.13 0.00	86.68 5.59 0.00	100.09 6.55 0.00	113.79 7.54 0.00	107.81 6.58 0.00	97.22 5.68 0.00	87.59 5.35 0.00	78.83 3.47 0.00	66.47 2.50 0.00	59.49 2.67 0.00
LIGHTHSE_115KV_TB6 355974	48.17 0.62 0.00	44.45 0.57 0.00	39.71 0.39 0.00	38.46 0.31 0.00	38.85 0.27 0.00	40.55 0.36 0.00	42.04 0.42 0.00	49.08 0.39 0.00	54.07 0.54 0.00	55.41 0.49 0.00	57.66 0.51 0.00	61.41 0.55 0.00	67.13 0.80 0.00	76.32 1.05 0.00	81.88 0.49 0.00	81.49 0.41 0.00	94.01 0.47 0.00	107.59 0.53 -0.82	102.34 1.11 0.00	93.28 1.74 0.00	83.73 1.48 0.00	76.72 1.36 0.00	64.87 0.90 0.00	57.73 0.91 0.00
LINDEN COGEN____ 23786	50.36 2.81 0.00	46.33 2.46 0.00	41.55 2.24 0.00	40.21 2.06 0.00	40.57 2.00 0.01	42.39 2.21 0.01	44.37 2.75 0.00	50.72 2.72 0.69	50.67 2.68 5.54	50.97 2.74 6.69	50.99 2.80 8.96	52.98 2.80 10.68	54.34 3.25 15.25	59.42 3.76 19.61	72.67 4.97 13.69	71.96 5.59 14.72	81.30 6.45 18.70	99.72 7.43 13.96	88.11 6.18 19.29	76.26 5.22 20.50	82.91 4.93 4.27	58.49 2.64 19.51	54.70 1.92 11.19	52.92 2.33 6.23
LINDHRST_69_KV_BK1 356055	52.02 4.47 0.00	48.00 4.12 0.00	42.97 3.66 0.00	41.51 3.36 0.00	42.01 3.43 0.00	43.84 3.66 0.00	45.79 4.16 0.00	52.39 3.70 0.00	56.11 2.78 0.21	56.71 2.47 0.68	59.98 2.91 0.08	63.89 3.23 0.20	70.12 3.98 0.20	79.36 4.37 0.27	86.87 5.70 0.22	87.65 6.57 0.00	101.10 8.04 0.49	115.10 9.88 1.03	109.26 8.81 0.78	98.31 6.77 0.00	87.26 5.02 0.01	76.97 3.01 1.41	63.96 2.24 2.26	57.88 2.33 1.27
LIPA_MISC_IPP 23656	51.31 3.76 0.00	47.34 3.47 0.00	42.42 3.11 0.00	40.94 2.79 0.00	41.47 2.89 0.00	43.28 3.09 0.00	45.24 3.62 0.00	51.61 2.92 0.00	55.16 1.87 0.25	55.55 1.43 0.79	58.93 1.94 0.16	62.65 2.19 0.41	68.85 2.92 0.40	77.87 3.16 0.57	85.50 4.56 0.45	86.52 5.43 0.00	99.86 6.92 0.61	113.65 8.71 1.30	107.96 7.69 0.96	97.03 5.49 0.00	85.77 3.54 0.01	75.31 1.58 1.64	62.31 1.22 2.88	56.54 1.19 1.48
LISF____SOLAR 323691	51.22 3.66 0.00	47.44 3.55 -0.01	42.50 3.18 0.00	41.02 2.86 0.00	41.55 2.97 0.00	43.37 3.17 -0.01	45.33 3.70 -0.01	51.71 3.02 0.00	54.89 1.60 0.25	55.72 1.59 0.79	59.03 2.05 0.17	62.75 2.31 0.43	68.97 3.05 0.42	78.07 3.39 0.60	85.72 4.80 0.47	86.68 5.59 0.00	99.86 6.92 0.60	114.08 9.14 1.30	108.37 8.10 0.96	97.40 5.86 0.00	86.02 3.79 0.01	75.47 1.73 1.63	62.49 1.41 2.89	56.54 1.20 1.48
LITTLE FALLS____HYD 24013	47.27 -0.29 0.00	43.57 -0.31 0.00	39.00 -0.31 0.00	37.93 -0.23 0.00	38.34 -0.23 0.00	40.07 -0.12 0.00	41.50 -0.12 0.00	48.49 -0.19 0.00	53.32 -0.21 0.00	54.64 -0.27 0.00	56.80 -0.34 0.00	60.50 -0.37 0.00	65.94 -0.40 0.00	74.89 -0.38 0.00	80.74 -0.65 0.00	80.44 -0.65 0.00	92.80 -0.75 0.00	105.39 -0.85 0.00	100.62 -0.61 0.00	90.99 -0.55 0.00	81.84 -0.41 0.00	74.84 -0.53 0.00	63.46 -0.51 0.00	56.42 -0.40 0.00

LITTLRIV_115KV_TB1 356100	48.08 0.52 0.00	44.27 0.39 0.00	39.67 0.35 0.00	38.54 0.38 0.00	39.08 0.50 0.00	40.71 0.52 0.00	42.25 0.62 0.00	49.91 1.22 0.00	54.77 1.23 0.00	56.07 1.15 0.00	58.06 0.91 0.00	61.71 0.85 0.00	66.94 0.60 0.00	75.72 0.45 0.00	81.31 -0.08 0.00	80.44 -0.65 0.00	92.70 -0.84 0.00	105.82 -0.42 0.00	100.92 -0.30 0.00	91.63 0.09 0.00	82.25 0.00 0.00	76.27 0.90 0.00	65.38 1.41 0.00	57.90 1.08 0.00
LI_NEWBRDGE___DRP 323616	51.12 3.57 0.00	47.08 3.20 0.00	42.22 2.91 0.00	40.83 2.67 0.00	41.28 2.70 0.00	43.08 2.89 0.00	44.99 3.37 0.00	51.56 2.87 0.00	55.20 1.93 0.26	55.77 1.70 0.85	59.20 2.06 0.00	63.11 2.25 0.00	69.19 2.85 0.00	78.43 3.16 0.00	85.87 4.48 0.00	86.27 5.19 0.00	99.16 6.36 0.74	112.60 7.86 1.51	106.83 6.78 1.18	96.67 5.13 0.00	86.02 3.78 0.01	75.56 1.96 1.76	62.41 1.22 2.78	56.71 1.48 1.59
LOCKPORT_115KV_TB60_63_64 80432	48.46 0.90 0.00	45.68 1.80 0.00	40.41 1.10 0.00	38.38 0.23 0.00	38.34 -0.23 0.00	39.91 -0.28 0.00	40.79 -0.83 0.00	46.21 -2.48 0.00	51.82 -1.71 0.00	53.93 -0.99 0.00	56.23 -0.91 0.00	60.50 -0.37 0.00	67.20 0.86 0.00	76.40 1.13 0.00	80.90 -0.49 0.00	80.27 -0.81 0.00	92.61 -0.94 0.00	103.91 -2.34 0.00	99.71 -1.52 0.00	92.27 0.73 0.00	82.49 0.25 0.00	75.59 0.23 0.00	65.00 1.02 0.00	59.72 2.90 0.00
LOCKPORT___CC1 323769	48.31 0.76 0.00	45.50 1.62 0.00	40.25 0.94 0.00	38.23 0.08 0.00	38.19 -0.39 0.00	39.75 -0.44 0.00	40.67 -0.96 0.00	46.06 -2.63 0.00	51.66 -1.88 0.00	53.76 -1.16 0.00	56.06 -1.09 0.00	60.44 -0.42 0.00	67.00 0.66 0.00	76.18 0.91 0.00	81.31 -0.08 0.00	80.20 -0.89 0.00	92.43 -1.12 0.00	103.59 -2.65 0.00	99.41 -1.82 0.00	92.09 0.55 0.00	82.33 0.08 0.00	75.82 0.45 0.00	64.81 0.83 0.00	59.55 2.73 0.00
LOCKPORT___CC2 323770	48.31 0.76 0.00	45.50 1.62 0.00	40.25 0.94 0.00	38.23 0.08 0.00	38.19 -0.39 0.00	39.75 -0.44 0.00	40.67 -0.96 0.00	46.06 -2.63 0.00	51.66 -1.88 0.00	53.76 -1.16 0.00	56.06 -1.09 0.00	60.44 -0.42 0.00	67.00 0.66 0.00	76.18 0.91 0.00	81.31 -0.08 0.00	80.20 -0.89 0.00	92.43 -1.12 0.00	103.59 -2.65 0.00	99.41 -1.82 0.00	92.09 0.55 0.00	82.33 0.08 0.00	75.82 0.45 0.00	64.81 0.83 0.00	59.55 2.73 0.00
LOCKPORT___CC3 323771	48.31 0.76 0.00	45.50 1.62 0.00	40.25 0.94 0.00	38.23 0.08 0.00	38.19 -0.39 0.00	39.75 -0.44 0.00	40.67 -0.96 0.00	46.06 -2.63 0.00	51.66 -1.88 0.00	53.76 -1.16 0.00	56.06 -1.09 0.00	60.44 -0.42 0.00	67.00 0.66 0.00	76.18 0.91 0.00	81.31 -0.08 0.00	80.20 -0.89 0.00	92.43 -1.12 0.00	103.59 -2.65 0.00	99.41 -1.82 0.00	92.09 0.55 0.00	82.33 0.08 0.00	75.82 0.45 0.00	64.81 0.83 0.00	59.55 2.73 0.00
LOCUSVLY_69_KV_BK2 55797	51.45 3.90 0.00	47.39 3.51 0.00	42.50 3.18 0.00	41.09 2.94 0.00	41.51 2.93 0.00	43.36 3.17 0.00	45.24 3.62 0.00	52.00 3.31 0.00	56.09 2.68 0.12	57.10 2.58 0.40	60.17 3.03 0.00	64.03 3.16 0.00	70.25 3.91 0.00	79.79 4.52 0.00	87.25 5.86 0.00	87.65 6.57 0.00	101.15 7.86 0.25	115.08 9.35 0.51	109.03 8.20 0.40	98.04 6.50 0.00	87.42 5.18 0.00	77.70 3.17 0.83	64.96 2.11 1.13	58.46 2.39 0.75
LONG_LAKE_PHOENIX 24014	47.36 -0.19 0.00	43.70 -0.18 0.00	39.08 -0.24 0.00	37.81 -0.34 0.00	38.19 -0.39 0.00	39.79 -0.40 0.00	41.21 -0.42 0.00	48.01 -0.68 0.00	52.95 -0.59 0.00	54.31 -0.60 0.00	56.63 -0.51 0.00	60.38 -0.49 0.00	66.07 -0.27 0.00	75.12 -0.15 0.00	80.99 -0.41 0.00	80.52 -0.57 0.00	92.89 -0.65 0.00	106.65 -0.85 -1.26	100.72 -0.51 0.00	91.63 0.09 0.00	82.25 0.00 0.00	75.14 -0.23 0.00	63.66 -0.32 0.00	56.71 -0.11 0.00
LOVETT___3 23632	50.12 2.57 0.00	46.12 2.24 0.00	41.40 2.08 0.00	40.10 1.95 0.00	40.43 1.85 0.00	42.20 2.01 0.00	44.04 2.41 0.00	51.03 2.34 0.00	55.89 2.36 0.00	57.28 2.36 0.00	59.60 2.46 0.00	63.30 2.43 0.00	69.19 2.85 0.00	78.66 3.39 0.00	85.71 4.31 0.00	85.95 4.87 0.00	99.16 5.61 0.00	112.83 6.59 0.00	106.90 5.67 0.00	96.30 4.76 0.00	86.85 4.61 0.00	78.15 2.79 0.00	65.90 1.92 0.00	58.98 2.16 0.00
LOVETT___4 23642	50.12 2.57 0.00	46.12 2.24 0.00	41.40 2.08 0.00	40.10 1.95 0.00	40.43 1.85 0.00	42.20 2.01 0.00	44.04 2.41 0.00	51.03 2.34 0.00	55.89 2.36 0.00	57.28 2.36 0.00	59.60 2.46 0.00	63.30 2.43 0.00	69.19 2.85 0.00	78.66 3.39 0.00	85.71 4.31 0.00	85.95 4.87 0.00	99.16 5.61 0.00	112.83 6.59 0.00	106.90 5.67 0.00	96.30 4.76 0.00	86.85 4.61 0.00	78.15 2.79 0.00	65.90 1.92 0.00	58.98 2.16 0.00
LOVETT___5 23593	50.12 2.57 0.00	46.12 2.24 0.00	41.40 2.08 0.00	40.10 1.95 0.00	40.43 1.85 0.00	42.20 2.01 0.00	44.04 2.41 0.00	51.03 2.34 0.00	55.89 2.36 0.00	57.28 2.36 0.00	59.60 2.46 0.00	63.30 2.43 0.00	69.19 2.85 0.00	78.66 3.39 0.00	85.71 4.31 0.00	85.95 4.87 0.00	99.16 5.61 0.00	112.83 6.59 0.00	106.90 5.67 0.00	96.30 4.76 0.00	86.85 4.61 0.00	78.15 2.79 0.00	65.90 1.92 0.00	58.98 2.16 0.00
LOWER RAQUET___HYD 24057	47.41 -0.14 0.00	43.75 -0.13 0.00	39.20 -0.12 0.00	38.04 -0.11 0.00	38.58 0.00 0.00	40.19 0.00 0.00	41.66 0.04 0.00	49.28 0.59 0.00	54.18 0.64 0.00	55.47 0.55 0.00	57.55 0.40 0.00	61.23 0.37 0.00	66.40 0.07 0.00	75.12 -0.15 0.00	80.50 -0.89 0.00	79.78 -1.30 0.00	91.77 -1.78 0.00	104.54 -1.70 0.00	99.60 -1.62 0.00	90.26 -1.28 0.00	80.85 -1.40 0.00	74.91 -0.45 0.00	64.36 0.39 0.00	57.11 0.29 0.00
LOWER___HUDSON 24059	49.17 1.62 0.00	45.32 1.45 0.00	40.69 1.38 0.00	39.45 1.30 0.00	39.89 1.31 0.00	41.63 1.44 0.00	43.12 1.50 0.00	50.15 1.46 0.00	54.98 1.45 0.00	56.29 1.37 0.00	58.46 1.32 0.00	62.14 1.28 0.00	67.80 1.46 0.00	77.00 1.73 0.00	83.75 2.36 0.00	83.44 2.35 0.00	96.45 2.90 0.00	109.74 3.50 0.00	105.28 4.05 0.00	95.21 3.67 0.00	85.93 3.61 -0.07	77.78 2.41 0.00	65.70 1.73 0.00	58.47 1.65 0.00
LOWVILLE_115KV_TB2 356335	48.93 1.38 0.00	45.11 1.23 0.00	40.30 0.98 0.00	39.11 0.95 0.00	39.54 0.96 0.00	41.39 1.21 0.00	43.04 1.42 0.00	50.54 1.85 0.00	56.05 2.52 0.00	57.39 2.47 0.00	59.49 2.34 0.00	63.30 2.43 0.00	68.99 2.65 0.00	78.51 3.24 0.00	83.75 2.36 0.00	83.36 2.27 0.00	96.45 2.90 0.00	110.17 3.72 -0.21	105.68 4.45 0.00	96.30 4.76 0.00	85.70 3.45 0.00	78.53 3.17 0.00	66.09 2.11 0.00	58.70 1.88 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	49.84 2.28 0.00	45.90 2.02 0.00	41.24 1.93 0.00	39.95 1.79 0.00	40.39 1.81 0.00	42.12 1.93 0.00	43.54 1.91 0.00	50.69 2.00 0.00	55.68 2.14 0.00	57.00 2.09 0.00	59.09 1.94 0.00	62.81 1.95 0.00	68.39 2.06 0.00	77.83 2.56 0.00	84.40 3.01 0.00	83.92 2.84 0.00	97.01 3.46 0.00	110.49 4.25 0.00	106.29 5.06 0.00	96.39 4.85 0.00	87.05 4.77 -0.03	79.06 3.69 0.00	66.73 2.75 0.00	59.32 2.50 0.00

LUTHERNY_35_KV_BK2 355980	49.88 2.33 0.00	45.94 2.06 0.00	41.24 1.93 0.00	39.95 1.79 0.00	40.43 1.85 0.00	42.16 1.97 0.00	43.58 1.96 0.00	50.73 2.04 0.00	55.68 2.14 0.00	57.06 2.14 0.00	59.09 1.94 0.00	62.87 2.01 0.00	68.39 2.06 0.00	77.90 2.63 0.00	84.40 3.01 0.00	84.00 2.92 0.00	97.10 3.55 0.00	110.60 4.36 0.00	106.39 5.16 0.00	96.48 4.94 0.00	87.13 4.85 -0.03	79.13 3.77 0.00	66.79 2.81 0.00	59.38 2.56 0.00
LWR___OSWEGATCHIE_HYD 23850	48.17 0.62 0.00	44.36 0.48 0.00	39.67 0.35 0.00	38.50 0.34 0.00	38.96 0.39 0.00	40.71 0.52 0.00	42.29 0.67 0.00	49.81 1.12 0.00	55.03 1.50 0.00	56.34 1.43 0.00	58.40 1.26 0.00	62.14 1.28 0.00	67.60 1.26 0.00	76.70 1.43 0.00	81.96 0.57 0.00	81.33 0.24 0.00	93.83 0.28 0.00	107.18 0.74 -0.19	102.44 1.21 0.00	93.28 1.74 0.00	83.40 1.15 0.00	76.80 1.43 0.00	65.26 1.28 0.00	57.90 1.08 0.00
LYONS_FALL_HYD 23570	48.98 1.43 0.00	45.15 1.27 0.00	40.37 1.06 0.00	39.15 0.99 0.00	39.58 1.00 0.00	41.43 1.25 0.00	43.04 1.42 0.00	50.44 1.75 0.00	55.84 2.30 0.00	57.22 2.31 0.00	59.37 2.23 0.00	63.23 2.37 0.00	68.99 2.66 0.00	78.43 3.16 0.00	83.92 2.53 0.00	83.52 2.43 0.00	96.63 3.08 0.00	110.19 3.82 -0.13	105.48 4.25 0.00	95.93 4.39 0.00	85.78 3.53 0.00	78.46 3.09 0.00	66.15 2.18 0.00	58.76 1.93 0.00
MADISON___COUNTY_LFGE 323628	49.31 1.76 0.00	45.46 1.58 0.00	40.65 1.34 0.00	39.41 1.26 0.00	39.81 1.23 0.00	41.59 1.41 0.00	43.12 1.50 0.00	50.34 1.66 0.00	55.62 2.09 0.00	57.00 2.09 0.00	59.32 2.17 0.00	63.24 2.37 0.00	69.12 2.79 0.00	78.73 3.46 0.00	84.32 2.93 0.00	84.00 2.92 0.00	97.10 3.55 0.00	110.39 4.14 0.00	105.68 4.45 0.00	96.12 4.58 0.00	86.28 4.03 0.00	78.91 3.54 0.00	66.54 2.56 0.00	59.21 2.39 0.00
MALONE___115KV_TB1 356076	47.36 -0.19 0.00	43.61 -0.26 0.00	39.16 -0.16 0.00	38.00 -0.15 0.00	38.58 0.00 0.00	40.11 -0.08 0.00	41.75 0.12 0.00	49.27 0.58 0.00	54.18 0.64 0.00	55.52 0.60 0.00	57.77 0.63 0.00	61.47 0.61 0.00	66.67 0.33 0.00	75.42 0.15 0.00	81.31 -0.08 0.00	80.84 -0.24 0.00	93.17 -0.37 0.00	106.14 -0.11 0.00	100.92 -0.30 0.00	91.63 0.09 0.00	82.08 -0.16 0.00	75.89 0.53 0.00	64.68 0.70 0.00	57.05 0.23 0.00
MAPLEWOD_115KV_TB3 80458	48.65 1.09 0.00	44.84 0.97 0.00	40.26 0.94 0.00	39.11 0.95 0.00	39.54 0.96 0.00	41.23 1.04 0.00	42.71 1.08 0.00	49.61 0.93 0.00	54.45 0.91 0.00	55.79 0.88 0.00	58.00 0.86 0.00	61.65 0.79 0.00	67.20 0.86 0.00	76.47 1.20 0.00	83.10 1.71 0.00	82.79 1.70 0.00	95.60 2.06 0.00	108.79 2.55 0.00	104.06 2.83 0.00	94.19 2.65 0.00	84.84 2.63 0.04	77.02 1.66 0.00	65.00 1.02 0.00	57.85 1.02 0.00
MAPLE_RIDGE_WT_1 323574	46.99 -0.57 0.00	43.40 -0.48 0.00	38.92 -0.39 0.00	37.81 -0.34 0.00	38.27 -0.31 0.00	39.91 -0.28 0.00	41.38 -0.25 0.00	48.54 -0.15 0.00	53.38 -0.16 0.00	54.75 -0.16 0.00	56.97 -0.17 0.00	60.68 -0.18 0.00	66.14 -0.20 0.00	74.97 -0.30 0.00	80.99 -0.40 0.00	80.68 -0.40 0.00	93.08 -0.47 0.00	105.82 -0.42 0.00	100.72 -0.50 0.00	91.08 -0.46 0.00	81.67 -0.57 0.00	74.91 -0.45 0.00	63.60 -0.38 0.00	56.37 -0.46 0.00
MAPLE_RIDGE_WT_2 323611	46.99 -0.57 0.00	43.40 -0.48 0.00	38.92 -0.39 0.00	37.81 -0.34 0.00	38.27 -0.31 0.00	39.91 -0.28 0.00	41.38 -0.25 0.00	48.54 -0.15 0.00	53.38 -0.16 0.00	54.75 -0.16 0.00	56.97 -0.17 0.00	60.68 -0.18 0.00	66.14 -0.20 0.00	74.97 -0.30 0.00	80.99 -0.40 0.00	80.68 -0.40 0.00	93.08 -0.47 0.00	105.82 -0.42 0.00	100.72 -0.50 0.00	91.08 -0.46 0.00	81.67 -0.57 0.00	74.91 -0.45 0.00	63.60 -0.38 0.00	56.37 -0.46 0.00
MARBLE_RIVER_WT_PWR 323696	46.37 -1.19 0.00	42.82 -1.05 0.00	38.45 -0.87 0.00	37.35 -0.80 0.00	37.92 -0.66 0.00	39.47 -0.72 0.00	41.00 -0.62 0.00	48.25 -0.44 0.00	53.05 -0.48 0.00	54.37 -0.55 0.00	56.57 -0.57 0.00	60.19 -0.67 0.00	65.27 -1.06 0.00	73.84 -1.43 0.00	79.68 -1.71 0.00	79.46 -1.62 0.00	91.68 -1.87 0.00	104.33 -1.91 0.00	99.30 -1.93 0.00	89.71 -1.83 0.00	80.44 -1.81 0.00	74.31 -1.06 0.00	63.27 -0.70 0.00	55.80 -1.02 0.00
MARSHVLE_115KV_TB1 80742	52.02 4.47 0.00	47.91 4.04 0.00	42.93 3.62 0.00	41.59 3.43 0.00	42.12 3.55 0.00	44.01 3.82 0.00	45.33 3.70 0.00	52.58 3.90 0.00	57.60 4.07 0.00	58.76 3.84 0.00	60.86 3.71 0.00	64.76 3.90 0.00	70.65 4.31 0.00	80.77 5.49 0.00	86.93 5.53 0.00	86.27 5.19 0.00	99.72 6.17 0.00	114.10 7.86 0.00	110.44 9.21 0.00	101.06 9.52 0.00	91.29 9.05 0.00	83.13 7.76 0.00	70.05 6.08 0.00	62.22 5.40 0.00
MARSH_HILL_WT_PWR 323713	50.07 2.52 0.00	46.55 2.68 0.00	41.51 2.20 0.00	39.68 1.53 0.00	39.77 1.20 0.00	41.47 1.29 0.00	42.87 1.25 0.00	49.37 0.68 0.00	54.50 0.96 0.00	56.07 1.16 0.00	58.35 1.20 0.00	62.81 1.95 0.00	69.39 3.05 0.00	78.96 3.69 0.00	84.73 3.34 0.00	83.76 2.67 0.00	96.63 3.08 0.00	109.43 3.18 0.00	105.17 3.94 0.00	97.40 5.86 0.00	87.67 5.43 0.00	80.56 5.20 0.00	68.33 4.35 0.00	61.71 4.89 0.00
MCINTYRE_115KV_TB2 80467	48.32 0.76 0.00	44.49 0.61 0.00	39.86 0.55 0.00	38.73 0.57 0.00	39.27 0.69 0.00	40.91 0.72 0.00	42.41 0.79 0.00	50.10 1.41 0.00	54.82 1.28 0.00	56.07 1.15 0.00	58.06 0.91 0.00	61.65 0.79 0.00	66.87 0.53 0.00	75.65 0.38 0.00	81.31 -0.08 0.00	80.60 -0.49 0.00	92.98 -0.56 0.00	106.14 -0.11 0.00	101.53 0.30 0.00	92.27 0.73 0.00	82.82 0.58 0.00	76.95 1.58 0.00	65.77 1.79 0.00	58.13 1.31 0.00
MECO_____69_KV_BK1 80468	52.21 4.66 0.00	48.05 4.17 0.00	43.09 3.77 0.00	41.67 3.51 0.00	42.20 3.63 0.00	44.05 3.86 0.00	45.45 3.83 0.00	52.78 4.09 0.00	57.93 4.39 0.00	59.09 4.17 0.00	61.20 4.06 0.00	65.06 4.20 0.00	70.78 4.44 0.00	80.92 5.65 0.00	87.33 5.94 0.00	86.76 5.68 0.00	100.28 6.74 0.00	114.74 8.50 0.00	111.05 9.82 0.00	101.43 9.89 0.00	91.54 9.29 0.00	83.28 7.91 0.00	70.18 6.21 0.00	62.28 5.45 0.00
MENANDS___115KV_TB5 355628	48.32 0.76 0.00	44.54 0.66 0.00	39.98 0.67 0.00	38.84 0.69 0.00	39.31 0.73 0.00	40.95 0.76 0.00	42.46 0.83 0.00	49.32 0.63 0.00	54.07 0.54 0.00	55.41 0.49 0.00	57.60 0.46 0.00	61.29 0.43 0.00	66.80 0.46 0.00	75.87 0.60 0.00	82.53 1.14 0.00	82.30 1.22 0.00	94.95 1.40 0.00	108.05 1.81 0.00	103.25 2.02 0.00	93.37 1.83 0.00	84.18 1.97 0.04	76.34 0.98 0.00	64.42 0.45 0.00	57.39 0.57 0.00
MG INDUSTRY___DRP 24185	45.37 -0.19 1.99	42.69 -0.22 0.96	39.19 -0.12 0.00	38.12 -0.04 0.00	38.58 0.00 0.00	40.15 -0.04 0.00	41.14 -0.08 0.40	46.02 -0.39 2.28	49.37 -0.59 3.58	50.26 -0.71 3.94	52.22 -0.86 4.06	54.84 -0.97 5.05	58.64 -1.13 6.57	65.10 -1.13 9.05	69.63 -0.90 10.86	69.42 -0.89 10.78	78.39 -0.94 14.22	87.52 -0.96 17.76	84.19 -0.61 16.43	89.93 -0.46 1.15	82.06 -0.16 0.02	65.57 -0.68 9.11	57.24 -0.83 5.91	52.21 -0.63 3.99

MID___OSWEGATCHIE_HYD 23849	48.17 0.62 0.00	44.36 0.48 0.00	39.67 0.35 0.00	38.50 0.34 0.00	38.96 0.39 0.00	40.71 0.52 0.00	42.29 0.67 0.00	49.81 1.12 0.00	55.03 1.50 0.00	56.34 1.43 0.00	58.40 1.26 0.00	62.14 1.28 0.00	67.60 1.26 0.00	76.70 1.43 0.00	81.96 0.57 0.00	81.33 0.24 0.00	93.83 0.28 0.00	107.18 0.74 -0.19	102.44 1.21 0.00	93.28 1.74 0.00	83.40 1.15 0.00	76.80 1.43 0.00	65.26 1.28 0.00	57.90 1.08 0.00
MID___RAQUETTE_HYD 23851	47.46 -0.10 0.00	43.75 -0.13 0.00	39.19 -0.12 0.00	38.04 -0.11 0.00	38.58 0.00 0.00	40.19 0.00 0.00	41.66 0.04 0.00	49.27 0.58 0.00	54.18 0.64 0.00	55.47 0.55 0.00	57.55 0.40 0.00	61.23 0.37 0.00	66.34 0.00 0.00	75.12 -0.15 0.00	80.74 -0.65 0.00	79.79 -1.30 0.00	91.77 -1.78 0.00	104.54 -1.70 0.00	99.61 -1.62 0.00	90.26 -1.28 0.00	80.85 -1.40 0.00	74.91 -0.45 0.00	64.36 0.38 0.00	57.11 0.28 0.00
MILLIKEN___1 23584	49.27 1.71 0.00	45.46 1.58 0.00	40.65 1.34 0.00	39.26 1.11 0.00	39.62 1.04 0.00	41.31 1.13 0.00	42.79 1.17 0.00	49.71 1.02 0.00	54.93 1.39 0.00	56.23 1.32 0.00	58.57 1.43 0.00	62.51 1.64 0.00	68.53 2.19 0.00	78.06 2.79 0.00	83.83 2.44 0.00	83.36 2.27 0.00	96.17 2.62 0.00	109.68 3.29 -0.14	104.87 3.64 0.00	95.75 4.21 0.00	86.03 3.78 0.00	78.61 3.24 0.00	66.54 2.56 0.00	59.38 2.56 0.00
MILLIKEN___2 23585	49.27 1.71 0.00	45.46 1.58 0.00	40.65 1.34 0.00	39.26 1.11 0.00	39.62 1.04 0.00	41.31 1.13 0.00	42.79 1.17 0.00	49.71 1.02 0.00	54.93 1.39 0.00	56.23 1.32 0.00	58.57 1.43 0.00	62.51 1.64 0.00	68.53 2.19 0.00	78.06 2.79 0.00	83.83 2.44 0.00	83.36 2.27 0.00	96.17 2.62 0.00	109.68 3.29 -0.14	104.87 3.64 0.00	95.75 4.21 0.00	86.03 3.78 0.00	78.61 3.24 0.00	66.54 2.56 0.00	59.38 2.56 0.00
MILLIKEN___DIESEL 23629	49.27 1.71 0.00	45.46 1.58 0.00	40.65 1.34 0.00	39.26 1.11 0.00	39.62 1.04 0.00	41.31 1.13 0.00	42.79 1.17 0.00	49.71 1.02 0.00	54.93 1.39 0.00	56.23 1.32 0.00	58.57 1.43 0.00	62.51 1.64 0.00	68.53 2.19 0.00	78.06 2.79 0.00	83.83 2.44 0.00	83.36 2.27 0.00	96.17 2.62 0.00	109.68 3.29 -0.14	104.87 3.64 0.00	95.75 4.21 0.00	86.03 3.78 0.00	78.61 3.24 0.00	66.54 2.56 0.00	59.38 2.56 0.00
MILLSEAT___LFGE 323607	49.60 2.04 0.00	46.51 2.63 0.00	41.16 1.85 0.00	39.07 0.91 0.00	39.15 0.58 0.00	40.71 0.52 0.00	41.83 0.21 0.00	47.62 -1.07 0.00	53.27 -0.27 0.00	55.35 0.44 0.00	57.83 0.69 0.00	62.14 1.28 0.00	68.86 2.52 0.00	78.20 2.93 0.00	83.59 2.20 0.00	82.46 1.38 0.00	95.04 1.49 0.00	107.20 0.95 0.00	102.84 1.61 0.00	95.21 3.67 0.00	84.96 2.71 0.00	78.23 2.86 0.00	66.54 2.56 0.00	60.74 3.92 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.26 2.71 0.00	46.25 2.37 0.00	41.51 2.20 0.00	40.22 2.06 0.00	40.58 2.01 0.00	42.36 2.17 0.00	44.20 2.58 0.00	51.22 2.53 0.00	56.05 2.52 0.00	57.50 2.58 0.00	59.77 2.63 0.00	63.54 2.68 0.00	69.52 3.18 0.00	79.03 3.76 0.00	86.19 4.80 0.00	86.44 5.35 0.00	99.72 6.17 0.00	113.47 7.22 0.00	107.50 6.28 0.00	96.85 5.31 0.00	87.26 5.02 0.00	78.45 3.09 0.00	66.15 2.18 0.00	59.21 2.39 0.00
MILLWOOD_13_KV_LOAD 356217	50.46 2.90 0.00	46.42 2.54 0.00	41.63 2.32 0.00	40.33 2.17 0.00	40.66 2.08 0.00	42.44 2.25 0.00	44.33 2.71 0.00	51.32 2.63 0.00	56.27 2.73 0.00	57.72 2.80 0.00	60.00 2.86 0.00	63.84 2.98 0.00	69.92 3.58 0.00	79.49 4.22 0.00	86.76 5.37 0.00	86.92 5.84 0.00	100.28 6.74 0.00	114.21 7.97 0.00	108.11 6.88 0.00	97.40 5.86 0.00	87.76 5.51 0.00	78.83 3.47 0.00	66.47 2.50 0.00	59.44 2.61 0.00
MODEL_CITY_ENERGY 24167	48.31 0.76 0.00	45.50 1.62 0.00	40.25 0.94 0.00	38.23 0.08 0.00	38.23 -0.35 0.00	39.75 -0.44 0.00	40.50 -1.12 0.00	45.82 -2.87 0.00	51.39 -2.14 0.00	53.49 -1.43 0.00	55.72 -1.43 0.00	60.14 -0.73 0.00	66.67 0.33 0.00	75.80 0.53 0.00	80.91 -0.49 0.00	79.78 -1.30 0.00	92.05 -1.50 0.00	103.16 -3.08 0.00	98.90 -2.32 0.00	91.72 0.18 0.00	81.84 -0.41 0.00	75.44 0.08 0.00	64.43 0.45 0.00	59.26 2.44 0.00
MODERN_LFGE___ 323580	48.31 0.76 0.00	45.50 1.62 0.00	40.25 0.94 0.00	38.23 0.08 0.00	38.23 -0.35 0.00	39.75 -0.44 0.00	40.50 -1.12 0.00	45.82 -2.87 0.00	51.39 -2.14 0.00	53.49 -1.43 0.00	55.72 -1.43 0.00	60.14 -0.73 0.00	66.67 0.33 0.00	75.80 0.53 0.00	80.91 -0.49 0.00	79.78 -1.30 0.00	92.05 -1.50 0.00	103.16 -3.08 0.00	98.90 -2.32 0.00	91.72 0.18 0.00	81.84 -0.41 0.00	75.44 0.08 0.00	64.43 0.45 0.00	59.26 2.44 0.00
MOHAWK_PAPER___DRP 24187	48.65 1.09 0.00	44.84 0.97 0.00	40.26 0.94 0.00	39.11 0.95 0.00	39.54 0.96 0.00	41.23 1.04 0.00	42.71 1.08 0.00	49.61 0.93 0.00	54.45 0.91 0.00	55.79 0.88 0.00	58.00 0.86 0.00	61.65 0.79 0.00	67.20 0.86 0.00	76.47 1.20 0.00	83.10 1.71 0.00	82.79 1.70 0.00	95.60 2.06 0.00	108.79 2.55 0.00	104.06 2.83 0.00	94.19 2.65 0.00	84.84 2.63 0.04	77.02 1.66 0.00	65.00 1.02 0.00	57.85 1.02 0.00
MOHICAN___35_KV_115KV_LD 80490	49.88 2.33 0.00	45.90 2.02 0.00	41.28 1.97 0.00	39.95 1.79 0.00	40.39 1.81 0.00	42.16 1.97 0.00	43.54 1.91 0.00	50.69 2.00 0.00	55.73 2.19 0.00	57.11 2.20 0.00	58.92 1.77 0.00	62.63 1.77 0.00	67.93 1.59 0.00	77.45 2.18 0.00	83.92 2.52 0.00	83.36 2.27 0.00	96.35 2.81 0.00	109.85 3.61 0.00	106.49 5.26 0.00	96.67 5.13 0.00	87.54 5.26 -0.03	79.43 4.07 0.00	66.98 3.01 0.00	59.38 2.56 0.00
MONGAUP___HYD 23641	50.12 2.57 0.00	46.07 2.19 0.00	41.32 2.00 0.00	40.14 1.98 0.00	40.47 1.89 0.00	42.24 2.05 0.00	43.91 2.29 0.00	50.88 2.19 0.00	55.68 2.14 0.00	56.95 2.03 0.00	59.15 2.00 0.00	62.87 2.01 0.00	68.79 2.46 0.00	77.75 2.48 0.00	84.56 3.17 0.00	84.65 3.56 0.00	97.85 4.31 0.00	111.55 5.31 0.00	106.29 5.06 0.00	96.21 4.67 0.00	86.85 4.60 0.00	78.38 3.02 0.00	66.60 2.62 0.00	59.49 2.67 0.00
MONTAUK___DIESEL 23721	53.55 5.99 0.00	49.41 5.53 0.00	44.27 4.95 0.00	42.70 4.54 0.00	43.28 4.71 0.00	45.13 4.94 0.00	47.12 5.49 0.00	53.85 5.16 0.00	58.00 4.71 0.25	58.79 4.67 0.79	62.58 5.60 0.16	66.66 6.21 0.41	73.42 7.50 0.41	83.20 8.51 0.58	91.27 10.34 0.46	92.19 11.11 0.00	106.22 13.28 0.61	120.88 15.94 1.30	114.54 14.27 0.96	102.52 10.98 0.00	89.97 7.73 0.01	78.93 5.20 1.63	65.06 3.97 2.88	58.98 3.64 1.48
MOONROAD_115KV_HARTFLD_TB1-2 355988	50.22 2.66 0.00	47.12 3.25 0.00	41.79 2.48 0.00	39.64 1.49 0.00	39.62 1.04 0.00	41.43 1.25 0.00	42.83 1.21 0.00	48.93 0.24 0.00	54.71 1.18 0.00	57.11 2.20 0.00	59.49 2.34 0.00	64.15 3.29 0.00	71.38 5.04 0.00	81.14 5.87 0.00	85.79 4.40 0.00	85.22 4.14 0.00	98.13 4.58 0.00	109.96 3.72 0.00	105.68 4.45 0.00	97.58 6.04 0.00	87.35 5.10 0.00	79.81 4.45 0.00	68.58 4.61 0.00	62.50 5.68 0.00

MORRIS_RIDGE___SOLAR 323848	49.26 1.71 0.00	45.98 2.11 0.00	40.89 1.57 0.00	39.07 0.91 0.00	39.12 0.54 0.00	40.75 0.56 0.00	42.00 0.37 0.00	47.96 -0.73 0.00	53.11 -0.43 0.00	54.81 -0.11 0.00	57.03 -0.11 0.00	61.47 0.61 0.00	67.93 1.59 0.00	77.30 2.03 0.00	82.77 1.38 0.00	81.81 0.73 0.00	94.39 0.84 0.00	106.46 0.21 0.00	102.34 1.12 0.00	94.83 3.29 0.00	85.29 3.04 0.00	78.46 3.09 0.00	66.73 2.75 0.00	60.57 3.75 0.00
MORTIMER_115KV_TB3 55949	48.79 1.24 0.00	45.54 1.67 0.00	40.41 1.10 0.00	38.65 0.50 0.00	38.85 0.27 0.00	40.39 0.20 0.00	41.79 0.17 0.00	48.10 -0.58 0.00	53.54 0.00 0.00	55.41 0.49 0.00	57.95 0.80 0.00	61.96 1.10 0.00	68.53 2.19 0.00	77.68 2.41 0.00	82.86 1.47 0.00	82.38 1.30 0.00	94.86 1.31 0.00	107.30 1.06 0.00	102.54 1.32 0.00	94.19 2.65 0.00	84.30 2.06 0.00	77.25 1.88 0.00	65.77 1.79 0.00	59.44 2.61 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.65 3.09 0.00	46.60 2.72 0.00	41.79 2.48 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.64 2.45 0.00	44.58 2.96 0.00	51.66 2.97 0.00	56.53 3.00 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.09 3.23 0.00	70.05 3.71 0.00	79.56 4.29 0.00	86.85 5.45 0.00	87.17 6.08 0.00	100.56 7.02 0.00	114.42 8.18 0.00	108.11 6.88 0.00	97.49 5.95 0.00	87.76 5.51 0.00	78.76 3.39 0.00	66.41 2.43 0.00	59.55 2.73 0.00
MUNSVILLE_WIND_PWR 323609	52.26 4.71 0.00	48.18 4.30 0.00	43.01 3.69 0.00	41.74 3.59 0.00	42.12 3.55 0.00	44.21 4.02 0.00	45.99 4.37 0.00	53.60 4.92 0.00	59.16 5.62 0.00	60.57 5.66 0.00	62.75 5.60 0.00	67.07 6.21 0.00	73.44 7.10 0.00	83.85 8.58 0.00	88.88 7.48 0.00	88.30 7.21 0.00	102.44 8.89 0.00	116.76 10.52 0.00	112.66 11.44 0.00	102.98 11.44 0.00	92.69 10.45 0.00	84.86 9.50 0.00	71.20 7.23 0.00	63.52 6.70 0.00
N SALMON___HYD 24042	47.32 -0.24 0.00	43.62 -0.26 0.00	39.16 -0.16 0.00	38.00 -0.15 0.00	38.58 0.00 0.00	40.11 -0.08 0.00	41.75 0.13 0.00	49.28 0.59 0.00	54.18 0.64 0.00	55.52 0.61 0.00	57.78 0.63 0.00	61.47 0.61 0.00	66.67 0.33 0.00	75.42 0.15 0.00	81.15 -0.24 0.00	80.84 -0.24 0.00	93.17 -0.37 0.00	106.14 -0.11 0.00	100.92 -0.30 0.00	91.63 0.09 0.00	82.08 -0.16 0.00	75.90 0.53 0.00	64.68 0.71 0.00	57.05 0.23 0.00
N.AKRON__115KV_KNAPP 355671	49.22 1.66 0.00	46.33 2.46 0.00	40.96 1.65 0.00	38.92 0.76 0.00	38.92 0.35 0.00	40.51 0.32 0.00	41.54 -0.08 0.00	47.23 -1.46 0.00	52.89 -0.64 0.00	54.97 0.05 0.00	57.37 0.23 0.00	61.59 0.73 0.00	68.46 2.12 0.00	77.75 2.48 0.00	82.37 0.98 0.00	81.73 0.65 0.00	94.29 0.75 0.00	106.14 -0.11 0.00	101.83 0.61 0.00	94.19 2.65 0.00	84.22 1.97 0.00	77.17 1.81 0.00	66.15 2.18 0.00	60.52 3.69 0.00
N.E_GEN_SANDY PD 24062	49.17 1.62 0.00	45.41 1.53 0.00	40.77 1.46 0.00	39.53 1.37 0.00	39.92 1.35 0.00	41.71 1.53 0.00	43.29 1.67 0.00	50.29 1.60 0.00	55.03 1.50 0.00	56.29 1.37 0.00	58.52 1.37 0.00	62.20 1.34 0.00	67.93 1.59 0.00	77.07 1.80 0.00	84.00 2.60 0.00	84.00 2.91 0.00	97.10 3.55 0.00	110.60 4.36 0.00	105.58 4.35 0.00	95.21 3.67 0.00	85.96 3.70 -0.01	77.40 2.04 0.00	67.46 1.41 -2.08	56.22 1.47 2.08
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.22 2.66 0.00	46.20 2.33 0.00	41.47 2.16 0.00	40.22 2.06 0.00	40.50 1.93 0.00	42.28 2.09 0.00	44.12 2.50 0.00	51.12 2.43 0.00	56.00 2.46 0.00	57.44 2.53 0.00	59.72 2.57 0.00	63.48 2.62 0.00	69.46 3.12 0.00	78.96 3.69 0.00	86.03 4.64 0.00	86.27 5.19 0.00	99.53 5.99 0.00	113.15 6.91 0.00	107.20 5.97 0.00	96.67 5.13 0.00	87.10 4.85 0.00	78.45 3.09 0.00	66.15 2.18 0.00	59.15 2.33 0.00
N.QUEENS_27_KV_LOAD 356247	51.18 3.61 -0.01	47.09 3.20 -0.01	42.23 2.91 -0.01	40.87 2.71 -0.01	41.25 2.66 -0.01	43.04 2.85 0.00	45.04 3.41 -0.01	51.85 3.16 0.00	56.48 2.94 0.00	57.99 3.08 0.00	60.12 2.97 0.00	64.03 3.16 0.00	69.99 3.65 0.00	79.55 4.29 0.01	87.09 5.70 0.00	87.66 6.57 -0.01	101.33 7.58 -0.21	115.36 8.71 -0.41	108.42 6.88 -0.31	97.57 6.04 0.01	87.93 5.68 -0.01	78.75 3.39 0.01	66.34 2.37 0.01	59.61 2.78 0.00
N.TROY___115KV_TB1 355778	49.17 1.62 0.00	45.33 1.45 0.00	40.69 1.38 0.00	39.45 1.30 0.00	39.89 1.31 0.00	41.63 1.45 0.00	43.12 1.50 0.00	50.15 1.46 0.00	54.98 1.45 0.00	56.29 1.37 0.00	58.46 1.31 0.00	62.20 1.34 0.00	67.80 1.59 0.00	77.00 1.73 0.00	83.67 2.28 0.00	83.52 2.43 0.00	96.45 2.90 0.00	109.85 3.61 0.00	105.28 4.05 0.00	95.20 3.66 0.00	85.94 3.62 -0.07	77.85 2.49 0.00	65.70 1.73 0.00	58.47 1.65 0.00
NARROWS_GT1_1 24228	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.96 3.10 0.01	69.84 3.51 0.01	79.32 4.06 0.01	86.84 5.45 0.01	87.32 6.24 0.01	100.57 7.02 0.00	114.42 8.18 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
NARROWS_GT1_2 24229	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.96 3.10 0.01	69.84 3.51 0.01	79.32 4.06 0.01	86.84 5.45 0.01	87.32 6.24 0.01	100.57 7.02 0.00	114.42 8.18 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
NARROWS_GT1_3 24230	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.96 3.10 0.01	69.84 3.51 0.01	79.32 4.06 0.01	86.84 5.45 0.01	87.32 6.24 0.01	100.57 7.02 0.00	114.42 8.18 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
NARROWS_GT1_4 24231	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.96 3.10 0.01	69.84 3.51 0.01	79.32 4.06 0.01	86.84 5.45 0.01	87.32 6.24 0.01	100.57 7.02 0.00	114.42 8.18 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
NARROWS_GT1_5 24232	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.96 3.10 0.01	69.84 3.51 0.01	79.32 4.06 0.01	86.84 5.45 0.01	87.32 6.24 0.01	100.57 7.02 0.00	114.42 8.18 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00

NARROWS_GT1_6 24233	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.96 3.10 0.01	69.84 3.51 0.01	79.32 4.06 0.01	86.84 5.45 0.01	87.32 6.24 0.01	100.57 7.02 0.00	114.42 8.18 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
NARROWS_GT1_7 24234	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.96 3.10 0.01	69.84 3.51 0.01	79.32 4.06 0.01	86.84 5.45 0.01	87.32 6.24 0.01	100.57 7.02 0.00	114.42 8.18 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
NARROWS_GT1_8 24235	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.96 3.10 0.01	69.84 3.51 0.01	79.32 4.06 0.01	86.84 5.45 0.01	87.32 6.24 0.01	100.57 7.02 0.00	114.42 8.18 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
NARROWS_GT2_1 24236	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.97 3.10 0.00	69.86 3.51 0.00	79.33 4.06 0.01	86.85 5.45 0.00	87.33 6.24 0.00	100.57 7.02 0.00	114.43 8.18 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
NARROWS_GT2_2 24237	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.97 3.10 0.00	69.86 3.51 0.00	79.33 4.06 0.01	86.85 5.45 0.00	87.33 6.24 0.00	100.57 7.02 0.00	114.43 8.18 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
NARROWS_GT2_3 24238	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.97 3.10 0.00	69.86 3.51 0.00	79.33 4.06 0.01	86.85 5.45 0.00	87.33 6.24 0.00	100.57 7.02 0.00	114.43 8.18 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
NARROWS_GT2_4 24239	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.97 3.10 0.00	69.86 3.51 0.00	79.33 4.06 0.01	86.85 5.45 0.00	87.33 6.24 0.00	100.57 7.02 0.00	114.43 8.18 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
NARROWS_GT2_5 24240	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.97 3.10 0.00	69.86 3.51 0.00	79.33 4.06 0.01	86.85 5.45 0.00	87.33 6.24 0.00	100.57 7.02 0.00	114.43 8.18 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
NARROWS_GT2_6 24241	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.97 3.10 0.00	69.86 3.51 0.00	79.33 4.06 0.01	86.85 5.45 0.00	87.33 6.24 0.00	100.57 7.02 0.00	114.43 8.18 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
NARROWS_GT2_7 24242	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.97 3.10 0.00	69.86 3.51 0.00	79.33 4.06 0.01	86.85 5.45 0.00	87.33 6.24 0.00	100.57 7.02 0.00	114.43 8.18 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
NARROWS_GT2_8 24243	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.97 3.10 0.00	69.86 3.51 0.00	79.33 4.06 0.01	86.85 5.45 0.00	87.33 6.24 0.00	100.57 7.02 0.00	114.43 8.18 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	46.25 1.24 2.54	43.70 1.05 1.23	40.14 0.83 0.00	39.03 0.88 0.00	39.46 0.89 0.00	41.11 0.92 0.00	42.28 1.17 0.51	46.81 1.02 2.90	49.95 0.96 4.55	50.67 0.77 5.02	52.60 0.63 5.17	55.04 0.61 6.43	58.64 0.66 8.36	64.81 1.05 11.51	69.03 1.47 13.82	68.83 1.46 13.72	77.22 1.78 18.10	86.19 2.55 22.61	83.56 3.24 20.91	93.28 3.20 1.47	85.43 3.21 0.02	66.10 2.34 11.60	58.06 1.60 7.52	53.16 1.42 5.08
NCHELSEA_115KV_TR2 355582	50.41 2.85 0.00	46.38 2.50 0.00	41.59 2.28 0.00	40.33 2.17 0.00	40.70 2.12 0.00	42.48 2.29 0.00	44.25 2.62 0.00	51.32 2.63 0.00	56.48 2.94 0.00	57.88 2.97 0.00	60.23 3.09 0.00	64.09 3.23 0.00	70.19 3.85 0.00	79.86 4.59 0.00	87.01 5.62 0.00	87.09 6.00 0.00	100.47 6.92 0.00	114.53 8.29 0.00	108.72 7.49 0.00	98.04 6.50 0.00	88.33 6.09 0.00	79.51 4.15 0.00	67.05 3.07 0.00	59.89 3.07 0.00
NEG CAPITAL___MECHNVIL 23645	49.93 2.38 0.00	46.03 2.15 0.00	41.28 1.96 0.00	39.99 1.83 0.00	40.43 1.85 0.00	42.20 2.01 0.00	43.66 2.04 0.00	50.78 2.09 0.00	55.78 2.25 0.00	57.17 2.25 0.00	59.26 2.12 0.00	63.05 2.19 0.00	68.66 2.32 0.00	78.13 2.86 0.00	84.81 3.42 0.00	84.33 3.25 0.00	97.47 3.93 0.00	111.03 4.79 0.00	106.79 5.56 0.00	96.76 5.22 0.00	87.39 5.10 -0.04	79.21 3.84 0.00	66.92 2.94 0.00	59.44 2.62 0.00
NEG CENTRAL_HIGH_ACRES 23767	47.98 0.43 0.00	44.62 0.75 0.00	39.63 0.31 0.00	37.97 -0.19 0.00	38.23 -0.35 0.00	39.79 -0.40 0.00	41.21 -0.42 0.00	47.62 -1.07 0.00	53.00 -0.54 0.00	54.70 -0.22 0.00	57.26 0.11 0.00	61.23 0.37 0.00	67.46 1.13 0.00	76.55 1.28 0.00	82.29 0.90 0.00	81.41 0.33 0.00	93.83 0.28 0.00	106.38 0.00 -0.14	101.43 0.20 0.00	93.09 1.55 0.00	83.24 0.99 0.00	76.42 1.05 0.00	64.68 0.71 0.00	58.24 1.42 0.00

NEG CENTRAL___DRP 24199	48.89 1.33 0.00	45.24 1.36 0.00	40.37 1.06 0.00	38.84 0.69 0.00	39.15 0.58 0.00	40.83 0.64 0.00	42.29 0.67 0.00	49.08 0.39 0.00	54.18 0.64 0.00	55.69 0.77 0.00	58.12 0.97 0.00	62.14 1.28 0.00	68.33 1.99 0.00	77.68 2.41 0.00	83.35 1.95 0.00	82.79 1.70 0.00	95.04 1.50 0.00	108.26 1.70 -0.32	103.25 2.02 0.00	94.38 2.84 0.00	85.13 2.88 0.00	77.78 2.41 0.00	65.96 1.98 0.00	59.04 2.22 0.00
NEG CENTRAL___INDECK 23768	51.17 3.61 0.00	47.56 3.69 0.00	42.22 2.91 0.00	40.25 2.10 0.00	40.50 1.93 0.00	42.16 1.97 0.00	43.58 1.96 0.00	49.86 1.17 0.00	53.27 -0.27 0.00	54.59 -0.33 0.00	56.75 -0.40 0.00	60.92 0.06 0.00	67.33 1.00 0.00	76.55 1.28 0.00	82.37 0.98 0.00	81.57 0.49 0.00	94.29 0.74 0.00	107.20 0.95 0.00	103.56 2.33 0.00	96.12 4.58 0.00	86.19 3.95 0.00	79.43 4.07 0.00	67.11 3.13 0.00	60.46 3.64 0.00
NEG CENTRAL___SENECA 23627	49.46 1.90 0.00	45.85 1.97 0.00	40.89 1.57 0.00	39.26 1.11 0.00	39.50 0.93 0.00	41.19 1.00 0.00	42.66 1.04 0.00	49.37 0.68 0.00	54.50 0.96 0.00	56.01 1.10 0.00	58.46 1.31 0.00	62.57 1.70 0.00	68.93 2.59 0.00	78.43 3.16 0.00	84.00 2.60 0.00	83.44 2.35 0.00	95.42 1.87 0.00	108.56 2.12 -0.19	103.76 2.53 0.00	95.11 3.57 0.00	85.95 3.70 0.00	78.61 3.24 0.00	66.73 2.75 0.00	59.83 3.01 0.00
NEG CENTRAL___STATE_STREET 24147	48.55 1.00 0.00	44.84 0.97 0.00	40.06 0.75 0.00	38.61 0.46 0.00	39.00 0.42 0.00	40.63 0.44 0.00	42.08 0.46 0.00	48.98 0.29 0.00	54.12 0.59 0.00	55.52 0.60 0.00	57.95 0.80 0.00	61.90 1.03 0.00	67.86 1.53 0.00	77.23 1.96 0.00	83.02 1.63 0.00	82.63 1.54 0.00	95.14 1.59 0.00	108.54 1.91 -0.39	103.35 2.13 0.00	94.38 2.84 0.00	84.71 2.47 0.00	77.40 2.03 0.00	65.58 1.60 0.00	58.41 1.59 0.00
NEG MILLWOOD___DRP 24198	50.69 3.14 0.00	46.64 2.76 0.00	41.79 2.48 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.64 2.45 0.00	44.45 2.83 0.00	51.51 2.82 0.00	56.69 3.16 0.00	58.21 3.29 0.00	60.57 3.43 0.00	64.39 3.53 0.00	70.78 4.44 0.00	80.54 5.27 0.00	87.90 6.51 0.00	88.06 6.97 0.00	101.50 7.95 0.00	115.70 9.46 0.00	109.73 8.50 0.00	98.77 7.23 0.00	88.99 6.74 0.00	79.89 4.52 0.00	67.30 3.33 0.00	60.12 3.30 0.00
NEG NORTH_FLCN_SEA 23793	46.51 -1.05 0.00	42.82 -1.05 0.00	38.45 -0.86 0.00	37.35 -0.80 0.00	37.92 -0.66 0.00	39.46 -0.72 0.00	41.04 -0.58 0.00	48.10 -0.58 0.00	52.84 -0.70 0.00	54.15 -0.77 0.00	56.35 -0.80 0.00	60.01 -0.85 0.00	65.08 -1.26 0.00	73.61 -1.66 0.00	79.52 -1.87 0.00	79.22 -1.86 0.00	91.39 -2.15 0.00	104.01 -2.23 0.00	98.90 -2.33 0.00	89.53 -2.01 0.00	80.19 -2.06 0.00	74.16 -1.21 0.00	63.08 -0.90 0.00	55.57 -1.25 0.00
NEG NORTH_KES_CHATEGAY 23792	46.56 -1.00 0.00	42.87 -1.01 0.00	38.49 -0.83 0.00	37.43 -0.72 0.00	37.96 -0.62 0.00	39.50 -0.68 0.00	41.08 -0.54 0.00	48.35 -0.34 0.00	53.05 -0.48 0.00	54.37 -0.55 0.00	56.57 -0.57 0.00	60.19 -0.67 0.00	65.21 -1.13 0.00	73.77 -1.51 0.00	79.85 -1.55 0.00	79.46 -1.62 0.00	91.77 -1.78 0.00	104.54 -1.70 0.00	99.51 -1.72 0.00	89.98 -1.56 0.00	80.60 -1.64 0.00	74.54 -0.83 0.00	63.53 -0.45 0.00	55.97 -0.85 0.00
NEG NORTH___ALICE_FALLS 23915	46.94 -0.62 0.00	43.22 -0.66 0.00	38.80 -0.51 0.00	37.66 -0.50 0.00	38.23 -0.35 0.00	39.75 -0.44 0.00	41.37 -0.25 0.00	48.54 -0.15 0.00	53.32 -0.21 0.00	54.64 -0.27 0.00	56.92 -0.23 0.00	60.56 -0.30 0.00	65.74 -0.60 0.00	74.29 -0.98 0.00	80.33 -1.06 0.00	79.95 -1.14 0.00	92.24 -1.31 0.00	105.07 -1.17 0.00	99.91 -1.32 0.00	90.72 -0.82 0.00	81.26 -0.99 0.00	75.06 -0.30 0.00	63.78 -0.19 0.00	56.25 -0.57 0.00
NEG NORTH___LWR_SARANAC 23913	46.94 -0.62 0.00	43.22 -0.66 0.00	38.80 -0.51 0.00	37.66 -0.50 0.00	38.23 -0.35 0.00	39.75 -0.44 0.00	41.37 -0.25 0.00	48.54 -0.15 0.00	53.32 -0.21 0.00	54.64 -0.27 0.00	56.92 -0.23 0.00	60.56 -0.30 0.00	65.74 -0.60 0.00	74.29 -0.98 0.00	80.33 -1.06 0.00	79.95 -1.14 0.00	92.24 -1.31 0.00	105.07 -1.17 0.00	99.91 -1.32 0.00	90.72 -0.82 0.00	81.26 -0.99 0.00	75.06 -0.30 0.00	63.78 -0.19 0.00	56.25 -0.57 0.00
NEG NORTH___PLATTSBURG 23628	46.79 -0.76 0.00	43.22 -0.66 0.00	38.80 -0.51 0.00	37.66 -0.50 0.00	38.23 -0.35 0.00	39.75 -0.44 0.00	41.38 -0.25 0.00	48.54 -0.15 0.00	53.32 -0.21 0.00	54.64 -0.27 0.00	56.92 -0.23 0.00	60.56 -0.30 0.00	65.74 -0.60 0.00	74.29 -0.98 0.00	80.09 -1.31 0.00	79.95 -1.14 0.00	92.24 -1.31 0.00	105.08 -1.17 0.00	99.91 -1.32 0.00	90.71 -0.83 0.00	81.26 -0.98 0.00	75.06 -0.30 0.00	63.79 -0.19 0.00	56.25 -0.57 0.00
NEG WEST_LEA_LOCKPORT 23791	48.22 0.67 0.00	45.50 1.62 0.00	40.26 0.94 0.00	38.23 0.08 0.00	38.19 -0.39 0.00	39.75 -0.44 0.00	40.67 -0.96 0.00	46.06 -2.63 0.00	51.66 -1.87 0.00	53.76 -1.15 0.00	56.06 -1.09 0.00	60.31 -0.55 0.00	67.00 0.66 0.00	76.17 0.90 0.00	80.58 -0.81 0.00	80.03 -1.05 0.00	92.24 -1.31 0.00	103.48 -2.76 0.00	99.20 -2.02 0.00	91.91 0.37 0.00	82.25 0.00 0.00	75.29 -0.08 0.00	64.74 0.77 0.00	59.55 2.73 0.00
NEG WEST___LANCASTR 23811	48.27 0.71 0.00	45.24 1.36 0.00	40.26 0.94 0.00	38.27 0.11 0.00	38.15 -0.42 0.00	39.75 -0.44 0.00	41.08 -0.54 0.00	47.03 -1.66 0.00	52.57 -0.96 0.00	54.75 -0.16 0.00	57.03 -0.11 0.00	61.53 0.67 0.00	68.33 1.99 0.00	77.68 2.41 0.00	82.37 0.98 0.00	81.90 0.81 0.00	94.39 0.84 0.00	106.03 -0.21 0.00	101.63 0.40 0.00	93.83 2.29 0.00	84.14 1.89 0.00	77.02 1.66 0.00	66.09 2.11 0.00	60.06 3.24 0.00
NEG_PENN_ALLEGHNY 23528	48.98 1.43 0.00	45.24 1.36 0.00	40.49 1.18 0.00	39.11 0.95 0.00	39.42 0.85 0.00	41.03 0.85 0.00	42.50 0.88 0.00	49.28 0.59 0.00	54.44 0.91 0.00	55.96 1.04 0.00	58.29 1.14 0.00	62.38 1.52 0.00	68.46 2.12 0.00	77.90 2.63 0.00	83.92 2.53 0.00	83.28 2.19 0.00	96.07 2.53 0.00	108.90 2.66 0.00	103.96 2.73 0.00	94.83 3.29 0.00	85.20 2.96 0.00	78.00 2.64 0.00	66.02 2.05 0.00	59.15 2.33 0.00
NEG___GEN_MONROE 24207	48.98 1.43 0.00	45.68 1.80 0.00	40.49 1.18 0.00	38.69 0.53 0.00	38.88 0.31 0.00	40.47 0.28 0.00	41.83 0.21 0.00	48.06 -0.63 0.00	53.48 -0.05 0.00	55.36 0.44 0.00	57.83 0.69 0.00	61.84 0.97 0.00	68.53 2.19 0.00	77.68 2.41 0.00	82.78 1.38 0.00	82.14 1.05 0.00	94.76 1.22 0.00	107.09 0.85 0.00	102.54 1.32 0.00	94.38 2.84 0.00	84.38 2.14 0.00	77.40 2.03 0.00	65.96 1.98 0.00	59.83 3.01 0.00
NEPA___ENERGY 23901	47.84 0.29 0.00	44.80 0.92 0.00	39.94 0.63 0.00	38.12 -0.04 0.00	38.04 -0.54 0.00	39.58 -0.60 0.00	40.92 -0.71 0.00	46.69 -2.00 0.00	52.09 -1.45 0.00	54.04 -0.88 0.00	56.29 -0.86 0.00	60.62 -0.24 0.00	67.13 0.80 0.00	76.25 0.98 0.00	81.07 -0.33 0.00	80.68 -0.41 0.00	92.98 -0.56 0.00	104.65 -1.59 0.00	100.22 -1.01 0.00	92.27 0.73 0.00	82.90 0.66 0.00	76.04 0.68 0.00	65.13 1.15 0.00	59.27 2.44 0.00

NEVERSINK___HYD 23608	49.74 2.38 0.19	45.80 2.02 0.09	41.12 1.81 0.00	39.95 1.79 0.00	40.31 1.74 0.00	42.04 1.85 0.00	43.71 2.12 0.04	50.56 2.09 0.22	55.39 2.20 0.35	56.73 2.20 0.38	59.04 2.29 0.39	62.69 2.31 0.49	68.49 2.79 0.63	77.79 3.39 0.87	84.41 4.07 1.05	84.42 4.38 1.04	97.31 5.14 1.37	110.79 6.27 1.71	105.41 5.77 1.59	96.46 5.03 0.11	87.10 4.85 0.00	77.72 3.24 0.88	65.78 2.37 0.57	58.88 2.44 0.39
NEWKRMKL_115KV_TB1 55635	48.03 0.48 0.00	44.27 0.39 0.00	39.75 0.43 0.00	38.65 0.50 0.00	39.08 0.50 0.00	40.71 0.52 0.00	42.21 0.58 0.00	49.03 0.34 0.00	53.80 0.27 0.00	55.14 0.22 0.00	57.32 0.17 0.00	60.98 0.12 0.00	66.47 0.13 0.00	75.57 0.30 0.00	82.12 0.73 0.00	81.81 0.73 0.00	94.39 0.84 0.00	107.41 1.17 0.00	102.64 1.42 0.00	92.82 1.28 0.00	83.69 1.48 0.03	75.97 0.60 0.00	64.10 0.13 0.00	57.05 0.23 0.00
NEWTON___FALLS_HYD 23847	48.17 0.62 0.00	44.36 0.48 0.00	39.67 0.35 0.00	38.50 0.34 0.00	38.96 0.39 0.00	40.71 0.52 0.00	42.29 0.67 0.00	49.81 1.12 0.00	55.03 1.50 0.00	56.34 1.43 0.00	58.40 1.26 0.00	62.14 1.28 0.00	67.60 1.26 0.00	76.70 1.43 0.00	81.96 0.57 0.00	81.33 0.24 0.00	93.83 0.28 0.00	107.18 0.74 -0.19	102.44 1.21 0.00	93.28 1.74 0.00	83.40 1.15 0.00	76.80 1.43 0.00	65.26 1.28 0.00	57.90 1.08 0.00
NGRID_A1_DSASP 323792	47.51 -0.05 0.00	44.84 0.96 0.00	39.63 0.31 0.00	37.66 -0.50 0.00	37.61 -0.96 0.00	39.10 -1.08 0.00	40.21 -1.42 0.00	45.52 -3.16 0.00	51.13 -2.41 0.00	53.21 -1.70 0.00	55.43 -1.71 0.00	59.83 -1.04 0.00	66.27 -0.07 0.00	75.27 0.00 0.00	80.33 -1.06 0.00	79.22 -1.86 0.00	91.40 -2.15 0.00	102.31 -3.93 0.00	97.98 -3.24 0.00	90.90 -0.64 0.00	81.09 -1.15 0.00	74.76 -0.61 0.00	63.91 -0.06 0.00	58.98 2.16 0.00
NGRID_A2_DSASP 323793	47.51 -0.05 0.00	44.84 0.96 0.00	39.63 0.31 0.00	37.66 -0.50 0.00	37.61 -0.96 0.00	39.10 -1.08 0.00	40.21 -1.42 0.00	45.52 -3.16 0.00	51.13 -2.41 0.00	53.21 -1.70 0.00	55.43 -1.71 0.00	59.83 -1.04 0.00	66.27 -0.07 0.00	75.27 0.00 0.00	80.33 -1.06 0.00	79.22 -1.86 0.00	91.40 -2.15 0.00	102.31 -3.93 0.00	97.98 -3.24 0.00	90.90 -0.64 0.00	81.09 -1.15 0.00	74.76 -0.61 0.00	63.91 -0.06 0.00	58.98 2.16 0.00
NGRID_A4_DSASP 323807	47.51 -0.05 0.00	44.84 0.96 0.00	39.63 0.31 0.00	37.66 -0.50 0.00	37.61 -0.96 0.00	39.10 -1.08 0.00	40.21 -1.42 0.00	45.52 -3.16 0.00	51.13 -2.41 0.00	53.21 -1.70 0.00	55.43 -1.71 0.00	59.83 -1.04 0.00	66.27 -0.07 0.00	75.27 0.00 0.00	80.33 -1.06 0.00	79.22 -1.86 0.00	91.40 -2.15 0.00	102.31 -3.93 0.00	97.98 -3.24 0.00	90.90 -0.64 0.00	81.09 -1.15 0.00	74.76 -0.61 0.00	63.91 -0.06 0.00	58.98 2.16 0.00
NIAGARA_115E_LBMP 323715	48.17 0.62 0.00	45.41 1.53 0.00	40.18 0.86 0.00	38.19 0.04 0.00	38.15 -0.42 0.00	39.66 -0.52 0.00	40.33 -1.29 0.00	45.57 -3.12 0.00	51.13 -2.41 0.00	53.21 -1.70 0.00	55.49 -1.66 0.00	59.83 -1.04 0.00	66.40 0.07 0.00	75.50 0.23 0.00	80.58 -0.81 0.00	79.38 -1.71 0.00	91.58 -1.97 0.00	102.63 -3.61 0.00	98.39 -2.83 0.00	91.27 -0.27 0.00	81.42 -0.82 0.00	75.06 -0.30 0.00	64.17 0.19 0.00	59.04 2.21 0.00
NIAGARA_115W_LBMP 323714	47.36 -0.19 0.00	44.71 0.83 0.00	39.51 0.20 0.00	37.54 -0.61 0.00	37.50 -1.08 0.00	38.98 -1.20 0.00	40.08 -1.54 0.00	45.38 -3.31 0.00	50.97 -2.57 0.00	53.05 -1.87 0.00	55.26 -1.88 0.00	59.58 -1.28 0.00	66.07 -0.26 0.00	75.05 -0.23 0.00	80.17 -1.22 0.00	78.98 -2.11 0.00	91.11 -2.43 0.00	101.99 -4.25 0.00	97.79 -3.44 0.00	90.62 -0.92 0.00	80.85 -1.40 0.00	74.54 -0.83 0.00	63.72 -0.25 0.00	58.76 1.93 0.00
NIAGARA_230_LBMP 323716	47.98 0.43 0.00	45.24 1.36 0.00	39.98 0.67 0.00	38.04 -0.11 0.00	38.04 -0.54 0.00	39.50 -0.68 0.00	40.58 -1.04 0.00	46.01 -2.68 0.00	51.61 -1.93 0.00	53.66 -1.26 0.00	55.94 -1.20 0.00	60.31 -0.55 0.00	66.93 0.60 0.00	76.02 0.75 0.00	81.23 -0.16 0.00	80.03 -1.06 0.00	92.33 -1.22 0.00	103.48 -2.76 0.00	99.10 -2.13 0.00	91.91 0.37 0.00	82.08 -0.16 0.00	75.59 0.23 0.00	64.62 0.64 0.00	59.44 2.62 0.00
NIAGARA___115KV_198_GIBSON 55903	47.27 -0.29 0.00	44.71 0.83 0.00	39.51 0.20 0.00	37.55 -0.61 0.00	37.50 -1.08 0.00	38.98 -1.21 0.00	40.08 -1.54 0.00	45.38 -3.31 0.00	50.97 -2.57 0.00	53.05 -1.87 0.00	55.26 -1.89 0.00	59.46 -1.40 0.00	66.07 -0.27 0.00	75.04 -0.23 0.00	79.44 -1.95 0.00	78.81 -2.27 0.00	90.93 -2.62 0.00	101.89 -4.36 0.00	97.58 -3.64 0.00	90.44 -1.10 0.00	80.85 -1.40 0.00	74.08 -1.28 0.00	63.72 -0.26 0.00	58.81 1.99 0.00
NIAGARA____ 23760	47.98 0.43 0.00	45.24 1.36 0.00	39.98 0.67 0.00	38.04 -0.11 0.00	38.04 -0.54 0.00	39.50 -0.68 0.00	40.58 -1.04 0.00	46.01 -2.68 0.00	51.61 -1.93 0.00	53.66 -1.26 0.00	55.94 -1.20 0.00	60.31 -0.55 0.00	66.93 0.60 0.00	76.02 0.75 0.00	81.23 -0.16 0.00	80.03 -1.06 0.00	92.33 -1.22 0.00	103.48 -2.76 0.00	99.10 -2.13 0.00	91.91 0.37 0.00	82.08 -0.16 0.00	75.59 0.23 0.00	64.62 0.64 0.00	59.44 2.62 0.00
NINE_MILE_1 23575	46.60 -0.95 0.00	43.04 -0.84 0.00	38.49 -0.83 0.00	37.28 -0.88 0.00	37.65 -0.93 0.00	39.22 -0.96 0.00	40.58 -1.04 0.00	47.33 -1.36 0.00	52.14 -1.39 0.00	53.55 -1.37 0.00	55.77 -1.37 0.00	59.47 -1.40 0.00	65.08 -1.26 0.00	73.92 -1.35 0.00	79.77 -1.63 0.00	79.30 -1.78 0.00	91.49 -2.06 0.00	98.91 -2.55 4.78	99.00 -2.23 0.00	89.98 -1.56 0.00	80.85 -1.40 0.00	73.93 -1.43 0.00	62.63 -1.35 0.00	55.80 -1.02 0.00
NINE_MILE_2 23744	46.60 -0.95 0.00	43.04 -0.84 0.00	38.49 -0.83 0.00	37.28 -0.88 0.00	37.65 -0.93 0.00	39.22 -0.96 0.00	40.58 -1.04 0.00	47.33 -1.36 0.00	52.14 -1.39 0.00	53.55 -1.37 0.00	55.77 -1.37 0.00	59.47 -1.40 0.00	65.08 -1.26 0.00	73.92 -1.35 0.00	79.77 -1.63 0.00	79.30 -1.78 0.00	91.49 -2.06 0.00	98.87 -2.55 4.82	99.00 -2.23 0.00	89.98 -1.56 0.00	80.85 -1.40 0.00	73.93 -1.43 0.00	62.70 -1.28 0.00	55.80 -1.02 0.00
NM_CAPITAL___DRP 24208	48.17 0.62 0.00	44.40 0.53 0.00	39.86 0.55 0.00	38.77 0.61 0.00	39.19 0.62 0.00	40.83 0.64 0.00	42.33 0.71 0.00	49.18 0.49 0.00	53.96 0.43 0.00	55.25 0.33 0.00	57.43 0.29 0.00	61.11 0.24 0.00	66.60 0.27 0.00	75.65 0.38 0.00	82.29 0.90 0.00	82.06 0.97 0.00	94.76 1.22 0.00	107.73 1.49 0.00	102.95 1.72 0.00	93.10 1.56 0.00	83.93 1.73 0.04	76.12 0.75 0.00	64.23 0.26 0.00	57.22 0.40 0.00
NM_CENTRAL___DRP 24181	47.60 0.05 0.00	43.97 0.09 0.00	39.31 0.00 0.00	38.00 -0.15 0.00	38.38 -0.19 0.00	39.99 -0.20 0.00	41.42 -0.21 0.00	48.25 -0.44 0.00	53.32 -0.21 0.00	54.81 -0.11 0.00	57.15 0.00 0.00	60.98 0.12 0.00	66.80 0.46 0.00	76.02 0.75 0.00	81.80 0.41 0.00	81.33 0.24 0.00	93.73 0.19 0.00	106.49 0.11 -0.14	101.43 0.20 0.00	92.36 0.82 0.00	82.90 0.66 0.00	75.74 0.38 0.00	64.17 0.19 0.00	57.22 0.40 0.00

NM_FRONTIER___DRP 24179	47.27 -0.29 0.00	44.71 0.83 0.00	39.51 0.20 0.00	37.55 -0.61 0.00	37.50 -1.08 0.00	38.98 -1.21 0.00	40.08 -1.54 0.00	45.38 -3.31 0.00	50.97 -2.57 0.00	53.05 -1.87 0.00	55.26 -1.89 0.00	59.46 -1.40 0.00	66.07 -0.27 0.00	75.04 -0.23 0.00	79.44 -1.95 0.00	78.81 -2.27 0.00	90.93 -2.62 0.00	101.89 -4.36 0.00	97.58 -3.64 0.00	90.44 -1.10 0.00	80.85 -1.40 0.00	74.08 -1.28 0.00	63.72 -0.26 0.00	58.81 1.99 0.00
NM_ST_REGIS___HYD 24053	47.46 -0.10 0.00	43.70 -0.18 0.00	39.19 -0.12 0.00	38.04 -0.11 0.00	38.58 0.00 0.00	40.15 -0.04 0.00	41.71 0.08 0.00	49.27 0.58 0.00	54.18 0.64 0.00	55.52 0.60 0.00	57.60 0.46 0.00	61.29 0.43 0.00	66.47 0.13 0.00	75.20 -0.08 0.00	80.90 -0.49 0.00	80.11 -0.97 0.00	92.14 -1.40 0.00	104.97 -1.27 0.00	99.91 -1.32 0.00	90.62 -0.92 0.00	81.18 -1.07 0.00	75.21 -0.15 0.00	64.49 0.51 0.00	57.11 0.28 0.00
NORTHPORT___1 23551	51.02 3.47 0.00	47.35 3.47 -0.01	42.42 3.10 0.00	40.98 2.82 0.00	41.47 2.89 0.00	43.33 3.14 -0.01	45.25 3.62 -0.01	51.61 2.92 0.00	54.41 1.13 0.25	54.94 0.82 0.80	55.99 1.08 2.24	56.45 1.22 5.63	62.53 1.79 5.60	69.29 1.88 7.86	78.26 3.09 6.22	84.98 3.89 0.00	97.72 4.77 0.59	110.49 6.48 2.23	105.86 5.56 0.94	95.29 3.75 0.00	84.54 2.30 0.01	74.24 0.53 1.66	56.76 0.06 7.29	55.72 0.40 1.50
NORTHPORT___2 23552	51.02 3.47 0.00	47.35 3.47 -0.01	42.42 3.10 0.00	40.98 2.82 0.00	41.47 2.89 0.00	43.33 3.14 -0.01	45.25 3.62 -0.01	51.61 2.92 0.00	54.41 1.13 0.25	54.94 0.82 0.80	55.99 1.08 2.24	56.45 1.22 5.63	62.53 1.79 5.60	69.29 1.88 7.86	78.26 3.09 6.22	84.98 3.89 0.00	97.72 4.77 0.59	110.49 6.48 2.23	105.86 5.56 0.94	95.29 3.75 0.00	84.54 2.30 0.01	74.24 0.53 1.66	56.76 0.06 7.29	55.72 0.40 1.50
NORTHPORT___3 23553	50.60 3.05 0.00	46.83 2.94 -0.01	41.99 2.67 0.00	40.56 2.41 0.00	41.05 2.47 0.00	42.85 2.65 -0.01	44.75 3.12 -0.01	51.17 2.48 0.00	53.87 0.59 0.26	54.66 0.55 0.81	55.81 0.91 2.25	56.26 1.03 5.64	62.26 1.53 5.61	69.13 1.73 7.87	78.17 3.01 6.23	84.73 3.65 0.01	97.41 4.49 0.63	109.78 5.84 2.30	105.09 4.86 0.99	94.82 3.29 0.01	84.37 2.13 0.02	74.01 0.30 1.66	56.57 -0.13 7.28	55.38 0.06 1.50
NORTHPORT___4 23650	50.60 3.05 0.00	46.83 2.94 -0.01	41.99 2.67 0.00	40.56 2.41 0.00	41.05 2.47 0.00	42.85 2.65 -0.01	44.75 3.12 -0.01	51.17 2.48 0.00	53.87 0.59 0.26	54.66 0.55 0.81	55.81 0.91 2.25	56.26 1.03 5.64	62.26 1.53 5.61	69.13 1.73 7.87	78.17 3.01 6.23	84.73 3.65 0.01	97.41 4.49 0.63	109.78 5.84 2.30	105.09 4.86 0.99	94.82 3.29 0.01	84.37 2.13 0.02	74.01 0.30 1.66	56.57 -0.13 7.28	55.38 0.06 1.50
NORTHPORT___IC 23718	51.26 3.71 0.00	47.34 3.47 0.00	42.42 3.11 0.00	40.98 2.82 0.00	41.47 2.89 0.00	43.32 3.13 0.00	45.24 3.62 0.00	51.66 2.97 0.00	54.79 1.50 0.25	54.88 0.77 0.80	55.99 1.09 2.24	56.45 1.22 5.63	62.53 1.79 5.60	69.29 1.88 7.86	78.18 3.01 6.22	85.06 3.97 0.00	98.01 5.05 0.59	110.49 6.48 2.23	105.86 5.57 0.94	95.29 3.75 0.00	84.62 2.39 0.01	74.31 0.60 1.66	56.76 0.06 7.29	55.89 0.57 1.50
NORTH___COUNTRY_ESR 323785	46.32 -1.24 0.00	42.78 -1.10 0.00	38.41 -0.90 0.00	37.32 -0.84 0.00	37.88 -0.69 0.00	39.42 -0.76 0.00	40.96 -0.67 0.00	48.30 -0.39 0.00	53.05 -0.48 0.00	54.37 -0.55 0.00	56.57 -0.57 0.00	60.25 -0.61 0.00	65.27 -1.06 0.00	73.84 -1.43 0.00	79.60 -1.79 0.00	79.46 -1.62 0.00	91.68 -1.87 0.00	104.44 -1.81 0.00	99.30 -1.93 0.00	89.71 -1.83 0.00	80.36 -1.89 0.00	74.31 -1.06 0.00	63.34 -0.64 0.00	55.74 -1.08 0.00
NPX_GEN_1385_PROXY 323591	50.64 3.09 0.00	47.22 3.33 -0.01	42.34 3.03 0.00	40.98 2.82 0.00	41.47 2.89 0.00	43.33 3.14 -0.01	45.25 3.62 -0.01	51.66 2.97 0.00	54.20 0.91 0.25	54.72 0.61 0.80	55.77 0.86 2.24	56.51 1.28 5.63	62.53 1.79 5.60	69.36 1.95 7.86	78.26 3.09 6.22	85.38 4.29 0.00	97.82 4.86 0.59	111.02 7.01 2.23	106.87 6.58 0.94	96.21 4.67 0.00	85.69 3.45 0.01	75.13 1.43 1.66	59.03 0.26 5.20	53.41 0.17 3.58
NPX_GEN_CSC 323557	50.93 3.38 0.00	47.18 3.29 -0.01	42.22 2.91 0.00	40.75 2.60 0.00	41.31 2.74 0.00	43.13 2.93 -0.01	45.05 3.41 -0.01	51.41 2.72 0.00	54.63 1.34 0.25	55.44 1.32 0.79	58.76 1.77 0.16	62.52 2.07 0.41	68.72 2.79 0.41	77.79 3.09 0.57	85.50 4.56 0.45	86.43 5.35 0.00	99.49 6.55 0.61	113.65 8.71 1.30	107.96 7.69 0.96	96.94 5.40 0.00	85.61 3.37 0.01	75.01 1.28 1.64	64.39 1.21 0.80	54.11 0.85 3.56
NSINS_S_GLNS_FALLS 23858	49.88 2.33 0.00	45.85 1.97 0.00	41.24 1.93 0.00	39.91 1.76 0.00	40.39 1.81 0.00	42.12 1.93 0.00	43.50 1.87 0.00	50.64 1.95 0.00	55.68 2.14 0.00	57.06 2.14 0.00	58.80 1.66 0.00	62.57 1.70 0.00	67.86 1.53 0.00	77.38 2.11 0.00	83.75 2.36 0.00	83.19 2.11 0.00	96.17 2.62 0.00	109.64 3.40 0.00	106.39 5.16 0.00	96.57 5.03 0.00	87.46 5.18 -0.03	79.36 3.99 0.00	66.92 2.94 0.00	59.32 2.50 0.00
NUCOR_STEEL___DRP 24197	48.55 1.00 0.00	44.84 0.97 0.00	40.10 0.79 0.00	38.65 0.50 0.00	39.04 0.46 0.00	40.67 0.48 0.00	42.12 0.50 0.00	48.98 0.29 0.00	54.12 0.59 0.00	55.52 0.60 0.00	57.95 0.80 0.00	61.84 0.97 0.00	67.80 1.46 0.00	77.08 1.81 0.00	82.86 1.47 0.00	82.38 1.30 0.00	94.95 1.40 0.00	108.36 1.70 -0.42	103.15 1.92 0.00	94.10 2.56 0.00	84.47 2.22 0.00	77.25 1.88 0.00	65.45 1.47 0.00	58.41 1.59 0.00
NUMBER_THREE_WT_PWR 323818	48.88 1.33 0.00	45.06 1.19 0.00	40.25 0.94 0.00	39.03 0.88 0.00	39.50 0.92 0.00	41.35 1.17 0.00	42.95 1.33 0.00	50.49 1.80 0.00	56.05 2.52 0.00	57.33 2.41 0.00	59.43 2.29 0.00	63.23 2.37 0.00	68.99 2.66 0.00	78.43 3.16 0.00	83.75 2.36 0.00	83.28 2.19 0.00	96.35 2.80 0.00	110.17 3.72 -0.21	105.58 4.35 0.00	96.21 4.67 0.00	85.62 3.37 0.00	78.46 3.09 0.00	66.02 2.05 0.00	58.59 1.76 0.00
NYISO_LBMP_REFERENCE 24008	47.55 0.00 0.00	43.88 0.00 0.00	39.31 0.00 0.00	38.16 0.00 0.00	38.58 0.00 0.00	40.19 0.00 0.00	41.62 0.00 0.00	48.69 0.00 0.00	53.54 0.00 0.00	54.92 0.00 0.00	57.15 0.00 0.00	60.86 0.00 0.00	66.34 0.00 0.00	75.27 0.00 0.00	81.39 0.00 0.00	81.09 0.00 0.00	93.55 0.00 0.00	106.24 0.00 0.00	101.23 0.00 0.00	91.54 0.00 0.00	82.25 0.00 0.00	75.36 0.00 0.00	63.98 0.00 0.00	56.82 0.00 0.00
NYPA_BRENTWD____GT 24164	51.74 4.19 0.00	47.92 4.03 -0.01	42.93 3.61 0.00	41.44 3.28 0.00	41.93 3.35 0.00	43.81 3.62 -0.01	45.75 4.12 -0.01	52.29 3.60 0.00	55.44 2.14 0.24	56.11 1.97 0.78	59.39 2.46 0.21	63.08 2.74 0.52	69.33 3.51 0.52	78.15 3.61 0.73	85.37 4.56 0.58	86.35 5.27 0.00	99.41 6.45 0.58	113.35 8.39 1.28	107.69 7.39 0.92	96.85 5.31 0.00	85.85 3.61 0.01	75.87 2.11 1.60	62.79 1.73 2.92	57.07 1.70 1.45

NYPA_GOWANUS____GT5 24156	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.96 3.10 0.01	69.84 3.51 0.01	79.32 4.06 0.01	86.84 5.45 0.01	87.32 6.24 0.01	100.57 7.02 0.00	114.42 8.18 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.58 5.34 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
NYPA_GOWANUS____GT6 24157	51.13 3.57 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.96 3.10 0.01	69.84 3.51 0.01	79.32 4.06 0.01	86.84 5.45 0.01	87.32 6.24 0.01	100.57 7.02 0.00	114.42 8.18 0.01	107.90 6.68 0.01	97.21 5.68 0.01	87.58 5.34 0.01	78.59 3.24 0.01	66.15 2.18 0.01	59.55 2.73 0.00
NYPA_HARLEM__RVR__GT1 24160	51.03 3.47 -0.01	46.96 3.07 -0.01	42.15 2.83 -0.01	40.79 2.63 -0.01	41.13 2.55 -0.01	42.96 2.77 0.00	44.92 3.29 -0.01	51.76 3.07 0.00	56.32 2.78 0.00	57.82 2.91 0.00	59.95 2.80 0.00	63.78 2.92 0.00	69.72 3.38 0.00	79.25 3.99 0.01	86.76 5.37 0.00	87.25 6.16 -0.01	100.66 7.11 -0.01	114.43 8.18 -0.01	107.80 6.58 0.01	97.12 5.58 0.01	87.52 5.27 -0.01	78.45 3.09 0.01	66.08 2.11 0.01	59.61 2.78 0.00
NYPA_HARLEM__RVR__GT2 24161	51.03 3.47 -0.01	46.96 3.07 -0.01	42.15 2.83 -0.01	40.79 2.63 -0.01	41.13 2.55 -0.01	42.96 2.77 0.00	44.92 3.29 -0.01	51.76 3.07 0.00	56.32 2.78 0.00	57.82 2.91 0.00	59.95 2.80 0.00	63.78 2.92 0.00	69.72 3.38 0.00	79.25 3.99 0.01	86.76 5.37 0.00	87.25 6.16 -0.01	100.66 7.11 -0.01	114.43 8.18 -0.01	107.80 6.58 0.01	97.12 5.58 0.01	87.52 5.27 -0.01	78.45 3.09 0.01	66.08 2.11 0.01	59.61 2.78 0.00
NYPA_KENT____GT 24152	51.03 3.47 0.00	46.95 3.07 0.00	42.11 2.79 0.00	40.76 2.60 0.00	41.12 2.55 0.00	42.92 2.73 0.00	44.92 3.29 -0.01	51.71 3.02 0.00	56.53 3.00 0.00	57.99 3.07 0.00	60.29 3.14 0.00	63.97 3.10 0.00	69.85 3.51 0.00	79.33 4.06 0.01	86.76 5.37 0.00	87.17 6.08 0.00	100.47 6.92 0.00	114.31 8.07 0.00	107.80 6.58 0.01	97.12 5.58 0.01	87.51 5.27 0.01	78.45 3.09 0.01	66.15 2.18 0.01	59.55 2.73 0.00
NYPA_POUCHI____GT 24155	51.08 3.52 -0.01	47.05 3.16 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	44.96 3.33 0.00	50.73 2.72 0.69	50.62 2.62 5.54	50.98 2.74 6.68	51.00 2.80 8.95	52.99 2.80 10.68	54.28 3.18 15.24	59.35 3.69 19.60	72.76 5.05 13.68	72.22 5.84 14.71	81.40 6.55 18.69	99.95 7.65 13.95	88.12 6.18 19.29	76.27 5.22 20.49	82.92 4.93 4.26	58.72 2.86 19.50	54.58 1.79 11.19	52.99 2.39 6.22
NYPA_VERNON____GT2 24162	50.88 3.33 0.00	46.82 2.94 0.00	41.99 2.67 0.00	40.67 2.52 0.00	41.01 2.43 0.00	42.84 2.65 0.00	44.84 3.21 -0.01	51.76 3.07 0.00	56.59 3.05 0.00	58.04 3.13 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.85 3.51 0.00	79.33 4.06 0.01	86.76 5.37 0.00	87.17 6.08 0.00	100.47 6.92 0.00	114.31 8.07 0.00	107.80 6.58 0.01	97.12 5.58 0.01	87.51 5.27 0.01	78.38 3.02 0.01	66.15 2.18 0.01	59.49 2.67 0.00
NYPA_VERNON____GT3 24163	50.88 3.33 0.00	46.82 2.94 0.00	41.99 2.67 0.00	40.67 2.52 0.00	41.01 2.43 0.00	42.84 2.65 0.00	44.84 3.21 -0.01	51.76 3.07 0.00	56.59 3.05 0.00	58.04 3.13 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.85 3.51 0.00	79.33 4.06 0.01	86.76 5.37 0.00	87.17 6.08 0.00	100.47 6.92 0.00	114.31 8.07 0.00	107.80 6.58 0.01	97.12 5.58 0.01	87.51 5.27 0.01	78.38 3.02 0.01	66.15 2.18 0.01	59.49 2.67 0.00
NYPA__ASTORIA_CC1 323568	50.83 3.28 0.00	46.77 2.90 0.00	41.95 2.63 0.00	40.63 2.48 0.00	40.97 2.39 0.00	42.80 2.61 0.00	44.79 3.16 -0.01	51.71 3.02 0.00	56.48 2.94 0.00	57.93 3.02 0.00	60.17 3.03 0.00	63.90 3.04 0.00	69.72 3.38 0.00	79.18 3.91 0.01	86.68 5.29 0.00	87.00 5.92 0.00	100.37 6.83 0.00	114.10 7.86 0.00	107.60 6.38 0.01	96.93 5.40 0.01	87.34 5.10 0.01	78.22 2.86 0.01	66.02 2.05 0.01	59.44 2.62 0.00
NYPA__ASTORIA_CC2 323569	50.83 3.28 0.00	46.77 2.90 0.00	41.95 2.63 0.00	40.63 2.48 0.00	40.97 2.39 0.00	42.80 2.61 0.00	44.79 3.16 -0.01	51.71 3.02 0.00	56.48 2.94 0.00	57.93 3.02 0.00	60.17 3.03 0.00	63.90 3.04 0.00	69.72 3.38 0.00	79.18 3.91 0.01	86.68 5.29 0.00	87.00 5.92 0.00	100.37 6.83 0.00	114.10 7.86 0.00	107.60 6.38 0.01	96.93 5.40 0.01	87.34 5.10 0.01	78.22 2.86 0.01	66.02 2.05 0.01	59.44 2.62 0.00
NYPA__HOLTSVILL 23794	51.17 3.61 0.00	47.40 3.51 -0.01	42.46 3.15 0.00	40.98 2.82 0.00	41.51 2.93 0.00	43.37 3.17 -0.01	45.30 3.66 -0.01	51.71 3.02 0.00	54.84 1.55 0.25	55.61 1.48 0.79	58.88 1.88 0.15	62.55 2.07 0.39	68.68 2.72 0.38	77.66 2.93 0.54	85.28 4.31 0.43	86.20 5.11 0.00	99.11 6.17 0.61	113.13 8.18 1.30	107.46 7.19 0.96	96.57 5.03 0.00	85.53 3.29 0.01	75.01 1.28 1.64	62.13 1.02 2.87	56.42 1.08 1.48
NYPA____HELLGATE_GT1 24158	51.03 3.47 -0.01	46.96 3.07 -0.01	42.15 2.83 -0.01	40.79 2.63 -0.01	41.13 2.55 -0.01	42.96 2.77 0.00	44.92 3.29 -0.01	51.76 3.07 0.00	56.32 2.78 0.00	57.82 2.91 0.00	59.95 2.80 0.00	63.78 2.92 0.00	69.72 3.38 0.00	79.25 3.99 0.01	86.76 5.37 0.00	87.25 6.16 -0.01	100.66 7.11 -0.01	114.43 8.18 -0.01	107.80 6.58 0.01	97.12 5.58 0.01	87.52 5.27 -0.01	78.45 3.09 0.01	66.15 2.18 0.01	59.61 2.78 0.00
NYPA____HELLGATE_GT2 24159	51.03 3.47 -0.01	46.96 3.07 -0.01	42.15 2.83 -0.01	40.79 2.63 -0.01	41.13 2.55 -0.01	42.96 2.77 0.00	44.92 3.29 -0.01	51.76 3.07 0.00	56.32 2.78 0.00	57.82 2.91 0.00	59.95 2.80 0.00	63.78 2.92 0.00	69.72 3.38 0.00	79.25 3.99 0.01	86.76 5.37 0.00	87.25 6.16 -0.01	100.66 7.11 -0.01	114.43 8.18 -0.01	107.80 6.58 0.01	97.12 5.58 0.01	87.52 5.27 -0.01	78.45 3.09 0.01	66.15 2.18 0.01	59.61 2.78 0.00
NYS_BARGE__HYD 23848	48.55 1.00 0.00	45.68 1.80 0.00	40.41 1.10 0.00	38.39 0.23 0.00	38.38 -0.19 0.00	39.91 -0.28 0.00	40.79 -0.83 0.00	46.21 -2.48 0.00	51.82 -1.72 0.00	53.93 -0.99 0.00	56.23 -0.92 0.00	60.68 -0.18 0.00	67.20 0.86 0.00	76.40 1.13 0.00	81.56 0.16 0.00	80.43 -0.65 0.00	92.79 -0.75 0.00	104.01 -2.24 0.00	99.81 -1.42 0.00	92.46 0.92 0.00	82.58 0.33 0.00	76.12 0.75 0.00	65.00 1.02 0.00	59.72 2.90 0.00
OAK ORCHARD__HYD 24046	48.88 1.33 0.00	45.54 1.67 0.00	40.41 1.10 0.00	38.65 0.49 0.00	38.85 0.27 0.00	40.39 0.20 0.00	41.79 0.17 0.00	48.11 -0.58 0.00	53.54 0.00 0.00	55.41 0.49 0.00	57.95 0.80 0.00	62.02 1.15 0.00	68.52 2.19 0.00	77.68 2.41 0.00	83.43 2.04 0.00	82.55 1.46 0.00	95.04 1.49 0.00	107.52 1.28 0.00	102.75 1.52 0.00	94.47 2.93 0.00	84.38 2.13 0.00	77.55 2.19 0.00	65.77 1.79 0.00	59.44 2.62 0.00

OAKDALE___35_KV_LOAD 356122	48.65 1.09 0.00	44.97 1.10 0.00	40.26 0.94 0.00	38.92 0.76 0.00	39.23 0.66 0.00	40.83 0.64 0.00	42.25 0.62 0.00	48.98 0.29 0.00	54.12 0.59 0.00	55.63 0.71 0.00	57.95 0.80 0.00	61.96 1.10 0.00	68.00 1.66 0.00	77.30 2.03 0.00	83.10 1.71 0.00	82.71 1.62 0.00	95.42 1.87 0.00	108.15 1.91 0.00	103.25 2.02 0.00	94.10 2.56 0.00	84.63 2.39 0.00	77.32 1.96 0.00	65.58 1.60 0.00	58.75 1.93 0.00
OCC_CHEM___DRP 24175	47.41 -0.14 0.00	44.84 0.97 0.00	39.63 0.31 0.00	37.66 -0.50 0.00	37.57 -1.00 0.00	39.10 -1.09 0.00	40.21 -1.42 0.00	45.52 -3.16 0.00	51.13 -2.41 0.00	53.21 -1.70 0.00	55.43 -1.71 0.00	59.65 -1.22 0.00	66.27 -0.07 0.00	75.27 0.00 0.00	79.68 -1.71 0.00	79.06 -2.03 0.00	91.21 -2.34 0.00	102.10 -4.14 0.00	97.89 -3.34 0.00	90.72 -0.82 0.00	81.01 -1.23 0.00	74.31 -1.06 0.00	63.91 -0.06 0.00	58.98 2.16 0.00
OH_GEN_PROXY 24063	47.98 0.43 0.00	45.19 1.32 0.00	39.98 0.67 0.00	38.04 -0.11 0.00	38.00 -0.58 0.00	39.47 -0.72 0.00	40.62 -1.00 0.00	46.06 -2.63 0.00	51.66 -1.88 0.00	53.71 -1.21 0.00	56.00 -1.14 0.00	60.37 -0.49 0.00	67.00 0.66 0.00	76.10 0.83 0.00	81.31 -0.08 0.00	80.20 -0.89 0.00	92.52 -1.03 0.00	103.80 -2.44 0.00	99.30 -1.93 0.00	92.00 0.46 0.00	82.16 -0.08 0.00	75.74 0.38 0.00	66.76 0.71 -2.08	57.30 2.56 2.08
OLIN_CORP_DRP 24177	48.12 0.57 0.00	45.46 1.58 0.00	40.22 0.90 0.00	38.23 0.08 0.00	38.19 -0.39 0.00	39.71 -0.48 0.00	40.46 -1.17 0.00	45.72 -2.97 0.00	51.29 -2.25 0.00	53.38 -1.54 0.00	55.60 -1.54 0.00	59.83 -1.03 0.00	66.60 0.27 0.00	75.65 0.38 0.00	80.09 -1.30 0.00	79.46 -1.62 0.00	91.68 -1.87 0.00	102.84 -3.40 0.00	98.60 -2.63 0.00	91.27 -0.27 0.00	81.59 -0.66 0.00	74.76 -0.60 0.00	64.30 0.32 0.00	59.15 2.33 0.00
OLIN_CORP_DSASP 323712	47.51 -0.05 0.00	44.84 0.96 0.00	39.63 0.31 0.00	37.66 -0.50 0.00	37.61 -0.96 0.00	39.10 -1.08 0.00	40.21 -1.42 0.00	45.52 -3.16 0.00	51.13 -2.41 0.00	53.21 -1.70 0.00	55.43 -1.71 0.00	59.83 -1.04 0.00	66.27 -0.07 0.00	75.27 0.00 0.00	80.33 -1.06 0.00	79.22 -1.86 0.00	91.40 -2.15 0.00	102.31 -3.93 0.00	97.98 -3.24 0.00	90.90 -0.64 0.00	81.09 -1.15 0.00	74.76 -0.61 0.00	63.91 -0.06 0.00	58.98 2.16 0.00
ONEIDA_HERK_LFGE 323681	48.98 1.43 0.00	45.15 1.27 0.00	40.37 1.06 0.00	39.19 1.03 0.00	39.62 1.04 0.00	41.43 1.25 0.00	42.99 1.37 0.00	50.39 1.70 0.00	55.68 2.14 0.00	57.12 2.20 0.00	59.26 2.12 0.00	63.12 2.25 0.00	68.92 2.58 0.00	78.36 3.09 0.00	84.00 2.60 0.00	83.52 2.43 0.00	96.63 3.08 0.00	109.96 3.72 0.00	105.38 4.15 0.00	95.66 4.12 0.00	85.70 3.45 0.00	78.38 3.02 0.00	66.08 2.11 0.00	58.76 1.93 0.00
ONEIDA___115KV_TB4 55905	49.31 1.76 0.00	45.46 1.58 0.00	40.65 1.34 0.00	39.41 1.26 0.00	39.81 1.23 0.00	41.59 1.41 0.00	43.12 1.50 0.00	50.34 1.66 0.00	55.62 2.09 0.00	57.00 2.09 0.00	59.32 2.17 0.00	63.24 2.37 0.00	69.12 2.79 0.00	78.73 3.46 0.00	84.32 2.93 0.00	84.00 2.92 0.00	97.10 3.55 0.00	110.39 4.14 0.00	105.68 4.45 0.00	96.12 4.58 0.00	86.28 4.03 0.00	78.91 3.54 0.00	66.54 2.56 0.00	59.21 2.39 0.00
ONONDAGA_REF_OCCRA 23987	47.79 0.24 0.00	44.10 0.22 0.00	39.43 0.12 0.00	38.16 0.00 0.00	38.50 -0.08 0.00	40.11 -0.08 0.00	41.54 -0.08 0.00	48.45 -0.24 0.00	53.54 0.00 0.00	54.92 0.00 0.00	57.26 0.11 0.00	61.17 0.30 0.00	67.00 0.66 0.00	76.17 0.90 0.00	82.04 0.65 0.00	81.57 0.49 0.00	94.11 0.56 0.00	106.92 0.53 -0.15	101.94 0.71 0.00	92.82 1.28 0.00	83.32 1.07 0.00	76.12 0.75 0.00	64.42 0.45 0.00	57.45 0.63 0.00
ONONDAGA___COGEN 23986	47.70 0.14 0.00	44.01 0.13 0.00	39.35 0.04 0.00	38.04 -0.11 0.00	38.42 -0.15 0.00	40.03 -0.16 0.00	41.46 -0.17 0.00	48.30 -0.39 0.00	53.37 -0.16 0.00	54.75 -0.16 0.00	57.09 -0.06 0.00	60.98 0.12 0.00	66.74 0.40 0.00	75.95 0.68 0.00	81.80 0.41 0.00	81.33 0.24 0.00	93.73 0.19 0.00	106.85 0.11 -0.50	101.53 0.30 0.00	92.46 0.92 0.00	82.99 0.74 0.00	75.82 0.45 0.00	64.23 0.26 0.00	57.22 0.40 0.00
ONTARIO___LFGE 23819	49.50 1.95 0.00	45.85 1.98 0.00	40.89 1.57 0.00	39.22 1.07 0.00	39.50 0.92 0.00	41.19 1.01 0.00	42.66 1.04 0.00	49.37 0.68 0.00	54.50 0.96 0.00	56.01 1.10 0.00	58.46 1.32 0.00	62.63 1.77 0.00	68.92 2.58 0.00	78.43 3.16 0.00	84.32 2.93 0.00	83.52 2.43 0.00	95.51 1.97 0.00	108.67 2.23 -0.19	103.86 2.63 0.00	95.21 3.67 0.00	86.03 3.79 0.00	78.83 3.47 0.00	66.73 2.75 0.00	59.83 3.01 0.00
ORANGEVILLE_WT_PWR 323706	49.08 1.52 0.00	45.90 2.02 0.00	40.77 1.46 0.00	38.84 0.69 0.00	38.88 0.31 0.00	40.47 0.28 0.00	41.71 0.08 0.00	47.52 -1.17 0.00	52.90 -0.64 0.00	54.81 -0.11 0.00	57.03 -0.11 0.00	61.53 0.67 0.00	68.13 1.79 0.00	77.45 2.18 0.00	82.86 1.47 0.00	81.90 0.81 0.00	94.39 0.84 0.00	106.14 -0.11 0.00	101.94 0.71 0.00	94.47 2.93 0.00	84.71 2.47 0.00	78.00 2.64 0.00	66.41 2.43 0.00	60.51 3.69 0.00
ORANGEVILLE___ESR 323794	49.08 1.52 0.00	45.90 2.02 0.00	40.77 1.46 0.00	38.84 0.69 0.00	38.88 0.31 0.00	40.47 0.28 0.00	41.71 0.08 0.00	47.52 -1.17 0.00	52.90 -0.64 0.00	54.81 -0.11 0.00	57.03 -0.11 0.00	61.53 0.67 0.00	68.13 1.79 0.00	77.45 2.18 0.00	82.86 1.47 0.00	81.90 0.81 0.00	94.39 0.84 0.00	106.14 -0.11 0.00	101.94 0.71 0.00	94.47 2.93 0.00	84.71 2.47 0.00	78.00 2.64 0.00	66.41 2.43 0.00	60.51 3.69 0.00
OSWEGATCHIE___HYD 24044	48.13 0.57 0.00	44.36 0.48 0.00	39.67 0.35 0.00	38.50 0.34 0.00	38.96 0.39 0.00	40.71 0.52 0.00	42.29 0.66 0.00	49.81 1.12 0.00	55.03 1.50 0.00	56.34 1.43 0.00	58.40 1.26 0.00	62.14 1.28 0.00	67.60 1.26 0.00	76.70 1.43 0.00	81.97 0.57 0.00	81.41 0.33 0.00	93.83 0.28 0.00	107.18 0.75 -0.19	102.45 1.22 0.00	93.27 1.73 0.00	83.40 1.15 0.00	76.79 1.43 0.00	65.26 1.28 0.00	57.90 1.08 0.00
OSWEGO___5 23606	46.99 -0.57 0.00	43.40 -0.48 0.00	38.80 -0.51 0.00	37.54 -0.61 0.00	37.92 -0.66 0.00	39.50 -0.68 0.00	40.92 -0.71 0.00	47.66 -1.02 0.00	52.57 -0.96 0.00	53.98 -0.93 0.00	56.23 -0.92 0.00	59.95 -0.91 0.00	65.61 -0.73 0.00	74.52 -0.75 0.00	80.42 -0.97 0.00	79.95 -1.14 0.00	92.24 -1.31 0.00	107.59 -1.70 -3.05	99.81 -1.42 0.00	90.71 -0.83 0.00	81.50 -0.74 0.00	74.61 -0.75 0.00	63.21 -0.76 0.00	56.31 -0.51 0.00
OSWEGO___6 23613	46.99 -0.57 0.00	43.40 -0.48 0.00	38.80 -0.51 0.00	37.54 -0.61 0.00	37.92 -0.66 0.00	39.50 -0.68 0.00	40.92 -0.71 0.00	47.66 -1.02 0.00	52.57 -0.96 0.00	53.98 -0.93 0.00	56.23 -0.92 0.00	59.95 -0.91 0.00	65.61 -0.73 0.00	74.52 -0.75 0.00	80.42 -0.97 0.00	79.95 -1.14 0.00	92.24 -1.31 0.00	107.59 -1.70 -3.05	99.81 -1.42 0.00	90.71 -0.83 0.00	81.50 -0.74 0.00	74.61 -0.75 0.00	63.21 -0.76 0.00	56.31 -0.51 0.00

OUTOKUMPU-AB___DRP 24206	48.79 1.24 0.00	45.98 2.11 0.00	40.69 1.38 0.00	38.61 0.46 0.00	38.58 0.00 0.00	40.19 0.00 0.00	41.29 -0.33 0.00	46.74 -1.95 0.00	52.46 -1.07 0.00	54.64 -0.27 0.00	56.97 -0.17 0.00	61.35 0.49 0.00	67.73 1.39 0.00	77.08 1.81 0.00	81.56 0.16 0.00	80.92 -0.16 0.00	93.64 0.09 0.00	104.97 -1.27 0.00	100.72 -0.51 0.00	93.19 1.65 0.00	83.32 1.07 0.00	76.27 0.90 0.00	65.77 1.79 0.00	60.52 3.69 0.00
OXBOW___BTM 323836	48.31 0.76 0.00	45.50 1.62 0.00	40.22 0.90 0.00	38.19 0.04 0.00	38.15 -0.42 0.00	39.71 -0.48 0.00	40.83 -0.79 0.00	46.26 -2.43 0.00	51.93 -1.60 0.00	54.04 -0.88 0.00	56.35 -0.80 0.00	60.86 0.00 0.00	66.87 0.53 0.00	76.02 0.75 0.00	81.15 -0.24 0.00	79.95 -1.14 0.00	92.43 -1.12 0.00	103.48 -2.76 0.00	99.20 -2.02 0.00	91.91 0.37 0.00	82.08 -0.16 0.00	75.59 0.23 0.00	64.68 0.71 0.00	59.89 3.07 0.00
OXBOW___ 24026	48.22 0.67 0.00	45.50 1.62 0.00	40.22 0.90 0.00	38.19 0.04 0.00	38.15 -0.42 0.00	39.71 -0.48 0.00	40.83 -0.79 0.00	46.25 -2.43 0.00	51.93 -1.61 0.00	54.09 -0.82 0.00	56.35 -0.80 0.00	60.68 -0.18 0.00	66.87 0.53 0.00	76.02 0.75 0.00	80.42 -0.98 0.00	79.87 -1.22 0.00	92.24 -1.31 0.00	103.27 -2.97 0.00	99.10 -2.13 0.00	91.72 0.18 0.00	82.00 -0.25 0.00	75.06 -0.30 0.00	64.68 0.70 0.00	59.89 3.07 0.00
OXY_CHEM_DSASP 323612	47.41 -0.14 0.00	44.84 0.97 0.00	39.63 0.31 0.00	37.66 -0.50 0.00	37.57 -1.00 0.00	39.10 -1.09 0.00	40.21 -1.42 0.00	45.52 -3.16 0.00	51.13 -2.41 0.00	53.21 -1.70 0.00	55.43 -1.71 0.00	59.65 -1.22 0.00	66.27 -0.07 0.00	75.27 0.00 0.00	79.68 -1.71 0.00	79.06 -2.03 0.00	91.21 -2.34 0.00	102.10 -4.14 0.00	97.89 -3.34 0.00	90.72 -0.82 0.00	81.01 -1.23 0.00	74.31 -1.06 0.00	63.91 -0.06 0.00	58.98 2.16 0.00
OZONE_PARK_ESR 323760	51.22 3.66 0.00	47.08 3.20 0.00	42.22 2.91 0.00	40.86 2.71 0.00	41.20 2.62 0.00	43.04 2.85 0.00	45.04 3.41 0.00	52.24 3.55 0.00	57.23 3.69 0.00	58.65 3.73 0.00	60.97 3.83 0.00	64.88 4.02 0.00	70.98 4.64 0.00	80.61 5.34 0.00	87.99 6.59 0.00	88.38 7.30 0.00	101.97 8.42 0.00	116.02 9.77 0.00	109.53 8.30 0.00	98.77 7.23 0.00	88.99 6.74 0.00	79.74 4.37 0.00	67.24 3.26 0.00	60.23 3.41 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	47.41 -0.14 0.00	44.84 0.97 0.00	39.63 0.31 0.00	37.66 -0.50 0.00	37.57 -1.00 0.00	39.10 -1.09 0.00	40.21 -1.42 0.00	45.52 -3.16 0.00	51.13 -2.41 0.00	53.21 -1.70 0.00	55.43 -1.71 0.00	59.65 -1.22 0.00	66.27 -0.07 0.00	75.27 0.00 0.00	79.68 -1.71 0.00	79.06 -2.03 0.00	91.21 -2.34 0.00	102.10 -4.14 0.00	97.89 -3.34 0.00	90.72 -0.82 0.00	81.01 -1.23 0.00	74.31 -1.06 0.00	63.91 -0.06 0.00	58.98 2.16 0.00
PACKARD___115KV_DUPONT_184 80571	47.41 -0.14 0.00	44.84 0.97 0.00	39.63 0.31 0.00	37.66 -0.50 0.00	37.57 -1.00 0.00	39.10 -1.09 0.00	40.21 -1.42 0.00	45.52 -3.16 0.00	51.13 -2.41 0.00	53.21 -1.70 0.00	55.43 -1.71 0.00	59.65 -1.22 0.00	66.27 -0.07 0.00	75.27 0.00 0.00	79.68 -1.71 0.00	79.06 -2.03 0.00	91.21 -2.34 0.00	102.10 -4.14 0.00	97.89 -3.34 0.00	90.72 -0.82 0.00	81.01 -1.23 0.00	74.31 -1.06 0.00	63.91 -0.06 0.00	58.98 2.16 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	51.03 3.47 -0.01	46.96 3.07 -0.01	42.11 2.79 -0.01	40.80 2.63 -0.01	41.13 2.55 -0.01	42.92 2.73 0.00	44.88 3.25 -0.01	51.76 3.07 0.00	56.37 2.84 0.00	57.83 2.91 0.00	60.00 2.86 0.00	63.84 2.98 0.00	69.72 3.38 0.00	79.25 3.99 0.01	86.68 5.29 0.00	87.26 6.16 -0.01	100.66 7.11 -0.01	114.43 8.18 -0.01	107.80 6.58 0.01	97.21 5.68 0.01	87.60 5.35 -0.01	78.60 3.24 0.01	66.21 2.24 0.01	59.55 2.73 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	51.79 4.23 -0.01	47.70 3.82 -0.01	42.78 3.46 -0.01	41.37 3.21 -0.01	41.75 3.16 -0.01	43.60 3.42 0.00	45.59 3.95 -0.01	52.49 3.80 0.00	57.23 3.69 0.00	58.71 3.79 0.00	60.86 3.71 0.00	64.82 3.96 0.00	70.85 4.51 0.00	80.46 5.19 0.01	87.99 6.59 0.00	88.63 7.54 -0.01	102.25 8.70 -0.01	116.24 9.99 -0.01	109.52 8.30 0.01	98.86 7.32 0.01	89.08 6.83 -0.01	79.88 4.52 0.01	67.30 3.33 0.01	60.52 3.69 0.00
PATROON___115KV_TB1 80586	48.22 0.67 0.00	44.45 0.57 0.00	39.90 0.59 0.00	38.77 0.61 0.00	39.23 0.66 0.00	40.87 0.68 0.00	42.33 0.71 0.00	49.18 0.49 0.00	54.02 0.48 0.00	55.36 0.44 0.00	57.55 0.40 0.00	61.23 0.37 0.00	66.67 0.33 0.00	75.87 0.60 0.00	82.45 1.06 0.00	82.14 1.05 0.00	94.76 1.22 0.00	107.73 1.49 0.00	103.05 1.82 0.00	93.19 1.65 0.00	83.94 1.73 0.03	76.19 0.83 0.00	64.36 0.38 0.00	57.28 0.45 0.00
PATTRSNVILLE___SOLAR 323815	49.70 2.14 0.00	45.76 1.89 0.00	41.04 1.73 0.00	39.83 1.68 0.00	40.27 1.70 0.00	42.04 1.85 0.00	43.41 1.79 0.00	50.49 1.80 0.00	55.36 1.82 0.00	56.56 1.65 0.00	58.69 1.54 0.00	62.38 1.52 0.00	68.06 1.72 0.00	77.45 2.18 0.00	84.00 2.60 0.00	83.52 2.43 0.00	96.45 2.90 0.00	109.96 3.72 0.00	105.68 4.45 0.00	96.02 4.48 0.00	86.52 4.27 0.00	78.76 3.39 0.00	66.54 2.56 0.00	59.21 2.39 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	48.74 1.19 0.00	45.76 1.89 0.00	40.61 1.30 0.00	38.61 0.46 0.00	38.50 -0.08 0.00	40.15 -0.04 0.00	41.37 -0.25 0.00	47.33 -1.36 0.00	53.00 -0.54 0.00	55.19 0.27 0.00	57.49 0.34 0.00	62.02 1.16 0.00	68.99 2.65 0.00	78.51 3.24 0.00	83.10 1.71 0.00	82.71 1.62 0.00	95.32 1.78 0.00	106.88 0.64 0.00	102.54 1.32 0.00	94.65 3.11 0.00	84.80 2.55 0.00	77.55 2.19 0.00	66.60 2.62 0.00	60.63 3.81 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	50.69 3.14 0.00	46.64 2.76 0.00	41.79 2.48 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.64 2.45 0.00	44.45 2.83 0.00	51.51 2.82 0.00	56.69 3.16 0.00	58.21 3.29 0.00	60.57 3.43 0.00	64.39 3.53 0.00	70.78 4.44 0.00	80.54 5.27 0.00	87.90 6.51 0.00	88.06 6.97 0.00	101.50 7.95 0.00	115.70 9.46 0.00	109.73 8.50 0.00	98.77 7.23 0.00	88.99 6.74 0.00	79.89 4.52 0.00	67.30 3.33 0.00	60.12 3.30 0.00
PEEKSKILL___ 23653	50.22 2.66 0.00	46.20 2.32 0.00	41.47 2.16 0.00	40.18 2.02 0.00	40.50 1.93 0.00	42.32 2.13 0.00	44.16 2.54 0.00	51.12 2.43 0.00	56.00 2.46 0.00	57.44 2.53 0.00	59.78 2.63 0.00	63.48 2.62 0.00	69.52 3.18 0.00	78.96 3.69 0.00	86.19 4.80 0.00	86.35 5.27 0.00	99.62 6.08 0.00	113.36 7.12 0.00	107.40 6.18 0.00	96.76 5.22 0.00	87.18 4.93 0.00	78.38 3.02 0.00	66.15 2.18 0.00	59.15 2.33 0.00
PGE MADISON___WINDPWR 24146	52.26 4.71 0.00	48.18 4.30 0.00	43.01 3.69 0.00	41.74 3.59 0.00	42.12 3.55 0.00	44.21 4.02 0.00	45.99 4.37 0.00	53.60 4.92 0.00	59.16 5.62 0.00	60.57 5.66 0.00	62.75 5.60 0.00	67.07 6.21 0.00	73.44 7.10 0.00	83.85 8.58 0.00	88.88 7.48 0.00	88.30 7.21 0.00	102.44 8.89 0.00	116.76 10.52 0.00	112.66 11.44 0.00	102.98 11.44 0.00	92.69 10.45 0.00	84.86 9.50 0.00	71.20 7.23 0.00	63.52 6.70 0.00

PIERCEFIELD___HYD 23852	47.46 -0.10 0.00	43.75 -0.13 0.00	39.19 -0.12 0.00	38.04 -0.11 0.00	38.58 0.00 0.00	40.19 0.00 0.00	41.66 0.04 0.00	49.27 0.58 0.00	54.18 0.64 0.00	55.47 0.55 0.00	57.55 0.40 0.00	61.23 0.37 0.00	66.34 0.00 0.00	75.12 -0.15 0.00	80.74 -0.65 0.00	79.79 -1.30 0.00	91.77 -1.78 0.00	104.54 -1.70 0.00	99.61 -1.62 0.00	90.26 -1.28 0.00	80.85 -1.40 0.00	74.91 -0.45 0.00	64.36 0.38 0.00	57.11 0.28 0.00
PINELAWN_CC_1 323563	51.50 3.94 0.00	47.66 3.77 -0.01	42.69 3.38 0.00	41.24 3.09 0.00	41.74 3.16 0.00	43.57 3.38 -0.01	45.50 3.87 -0.01	52.05 3.36 0.00	55.35 2.03 0.22	55.70 1.48 0.70	58.95 1.88 0.08	62.66 2.01 0.20	68.79 2.66 0.20	77.69 2.71 0.29	85.15 3.99 0.23	85.87 4.78 0.00	98.73 5.71 0.52	112.70 7.54 1.09	106.98 6.58 0.82	96.21 4.67 0.00	85.44 3.20 0.01	75.27 1.36 1.45	62.64 1.02 2.35	56.65 1.14 1.31
PJM_GEN_HTTP_PROXY 323702	50.60 3.05 0.00	46.55 2.68 0.00	41.75 2.44 0.00	40.44 2.29 0.00	40.81 2.24 0.00	42.64 2.45 0.00	44.58 2.96 0.00	51.66 2.97 0.00	56.53 3.00 0.00	57.99 3.07 0.00	60.29 3.14 0.00	64.09 3.22 0.00	70.05 3.71 0.00	79.56 4.29 0.00	86.93 5.54 0.00	87.17 6.08 0.00	100.57 7.02 0.00	114.42 8.18 0.00	108.11 6.89 0.00	97.40 5.86 0.00	87.76 5.51 0.00	78.60 3.24 0.00	68.43 2.37 -2.08	57.41 2.67 2.08
PJM_GEN_KEystone 24065	49.03 1.48 0.00	45.37 1.49 0.00	40.61 1.30 0.00	39.11 0.95 0.00	39.23 0.66 0.00	40.87 0.68 0.00	42.46 0.83 0.00	48.84 0.20 0.05	53.57 0.43 0.39	55.16 0.71 0.47	57.26 0.74 0.63	61.15 1.03 0.75	66.99 1.72 1.07	75.93 2.03 1.37	82.71 2.28 0.96	82.32 2.27 1.03	94.76 2.53 1.31	107.81 2.55 0.98	102.21 2.33 1.35	92.85 2.74 1.43	84.50 2.55 0.30	75.73 1.73 1.37	66.68 1.41 -1.30	56.46 2.16 2.52
PJM_GEN_NEPTUNE_PROXY 323594	50.93 3.38 0.00	47.05 3.16 -0.01	42.22 2.91 0.00	40.79 2.63 0.00	41.24 2.66 0.00	43.09 2.90 -0.01	44.96 3.33 -0.01	51.56 2.87 0.00	54.93 1.66 0.26	55.71 1.65 0.85	59.15 2.00 0.00	63.05 2.19 0.00	69.12 2.79 0.00	78.43 3.16 0.00	85.87 4.47 0.00	86.20 5.11 0.00	98.88 6.08 0.74	112.49 7.75 1.51	106.73 6.68 1.18	96.57 5.03 0.00	85.94 3.70 0.01	75.41 1.81 1.76	64.43 1.15 0.70	54.40 1.25 3.68
PJM_GEN_VFT_PROXY 323633	50.36 2.81 0.00	46.33 2.46 0.00	41.55 2.24 0.00	40.21 2.06 0.00	40.57 2.00 0.01	42.39 2.21 0.01	44.37 2.75 0.00	50.72 2.72 0.69	50.67 2.68 5.54	50.97 2.74 6.69	50.99 2.80 8.96	52.98 2.80 10.68	54.34 3.25 15.25	59.42 3.76 19.61	72.67 4.97 13.69	71.96 5.59 14.72	81.30 6.45 18.70	99.72 7.43 13.96	88.11 6.18 19.29	76.26 5.22 20.50	82.91 4.93 4.27	58.49 2.64 19.51	56.78 1.92 9.11	50.84 2.33 8.31
PLATSBURG_115KV_PMLD1 355749	46.56 -1.00 0.00	42.91 -0.97 0.00	38.49 -0.83 0.00	37.39 -0.76 0.00	37.96 -0.62 0.00	39.50 -0.68 0.00	41.08 -0.54 0.00	48.20 -0.49 0.00	53.00 -0.54 0.00	54.31 -0.60 0.00	56.52 -0.63 0.00	60.13 -0.73 0.00	65.21 -1.13 0.00	73.77 -1.51 0.00	79.76 -1.63 0.00	79.46 -1.62 0.00	91.58 -1.96 0.00	104.33 -1.91 0.00	99.10 -2.13 0.00	89.80 -1.74 0.00	80.44 -1.81 0.00	74.31 -1.06 0.00	63.27 -0.70 0.00	55.74 -1.08 0.00
PLEASANTVLY___LBMP 24000	49.74 2.19 0.00	45.81 1.93 0.00	41.12 1.81 0.00	39.87 1.72 0.00	40.23 1.66 0.00	42.00 1.81 0.00	43.75 2.12 0.00	50.73 2.04 0.00	55.57 2.03 0.00	56.89 1.98 0.00	59.20 2.06 0.00	62.93 2.07 0.00	68.79 2.45 0.00	78.13 2.86 0.00	85.22 3.83 0.00	85.30 4.22 0.00	98.50 4.96 0.00	112.09 5.84 0.00	106.39 5.16 0.00	95.93 4.39 0.00	86.44 4.19 0.00	77.85 2.49 0.00	65.70 1.73 0.00	58.75 1.93 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	50.41 2.85 0.00	46.38 2.50 0.00	41.59 2.28 0.00	40.29 2.14 0.00	40.66 2.08 0.00	42.48 2.29 0.00	44.33 2.71 0.00	51.37 2.68 0.00	56.27 2.73 0.00	57.66 2.75 0.00	60.00 2.86 0.00	63.84 2.98 0.00	69.85 3.52 0.00	79.41 4.14 0.00	86.60 5.21 0.00	86.92 5.84 0.00	100.28 6.74 0.00	114.10 7.86 0.00	108.01 6.78 0.00	97.31 5.77 0.00	87.59 5.35 0.00	78.76 3.39 0.00	66.41 2.43 0.00	59.38 2.56 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	50.41 2.85 0.00	46.38 2.50 0.00	41.59 2.28 0.00	40.29 2.14 0.00	40.66 2.08 0.00	42.48 2.29 0.00	44.33 2.71 0.00	51.37 2.68 0.00	56.27 2.73 0.00	57.66 2.75 0.00	60.00 2.86 0.00	63.84 2.98 0.00	69.85 3.52 0.00	79.41 4.14 0.00	86.60 5.21 0.00	86.92 5.84 0.00	100.28 6.74 0.00	114.10 7.86 0.00	108.01 6.78 0.00	97.31 5.77 0.00	87.59 5.35 0.00	78.76 3.39 0.00	66.41 2.43 0.00	59.38 2.56 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.12 2.57 0.00	46.16 2.28 0.00	41.40 2.08 0.00	40.14 1.98 0.00	40.54 1.97 0.00	42.32 2.13 0.00	44.04 2.41 0.00	51.07 2.39 0.00	56.00 2.46 0.00	57.39 2.47 0.00	59.66 2.51 0.00	63.48 2.62 0.00	69.46 3.12 0.00	78.96 3.69 0.00	86.03 4.64 0.00	86.11 5.03 0.00	99.35 5.80 0.00	113.15 6.91 0.00	107.50 6.28 0.00	97.03 5.49 0.00	87.43 5.18 0.00	78.76 3.39 0.00	66.47 2.50 0.00	59.38 2.56 0.00
POLETTI_____ 23519	50.60 3.04 0.00	46.51 2.63 0.00	41.71 2.40 0.00	40.41 2.25 0.00	40.77 2.20 0.00	42.60 2.41 0.00	44.54 2.91 0.00	51.61 2.92 0.00	56.48 2.94 0.00	57.88 2.97 0.00	60.17 3.03 0.00	63.97 3.10 0.00	69.99 3.65 0.00	79.40 4.14 0.01	86.76 5.37 0.00	87.09 6.00 0.00	100.47 6.92 0.00	114.32 8.07 0.00	107.89 6.68 0.01	97.29 5.77 0.01	87.59 5.35 0.00	78.51 3.17 0.02	66.22 2.24 0.00	59.44 2.61 0.00
POMONA___ESR 323819	50.22 2.66 0.00	46.20 2.32 0.00	41.47 2.16 0.00	40.21 2.06 0.00	40.50 1.93 0.00	42.28 2.09 0.00	44.12 2.50 0.00	51.12 2.43 0.00	56.00 2.46 0.00	57.44 2.53 0.00	59.78 2.63 0.00	63.48 2.62 0.00	69.46 3.12 0.00	78.96 3.69 0.00	86.11 4.72 0.00	86.20 5.11 0.00	99.44 5.90 0.00	113.14 6.90 0.00	107.20 5.97 0.00	96.66 5.12 0.00	87.10 4.85 0.00	78.38 3.02 0.00	66.15 2.18 0.00	59.15 2.33 0.00
PORT_JEFF_3 23555	51.27 3.71 0.00	47.48 3.60 -0.01	42.54 3.22 0.00	41.05 2.90 0.00	41.59 3.01 0.00	43.41 3.22 -0.01	45.38 3.75 -0.01	51.81 3.12 0.00	54.95 1.66 0.25	55.72 1.59 0.79	58.92 1.94 0.17	62.51 2.07 0.42	68.57 2.66 0.42	77.38 2.71 0.59	85.07 4.15 0.47	85.95 4.86 0.00	98.93 5.99 0.61	112.91 7.97 1.30	107.16 6.89 0.96	96.39 4.85 0.00	85.28 3.04 0.01	74.78 1.05 1.64	62.10 1.02 2.90	56.59 1.25 1.48
PORT_JEFF_4 23616	51.27 3.71 0.00	47.48 3.60 -0.01	42.54 3.22 0.00	41.05 2.90 0.00	41.59 3.01 0.00	43.41 3.22 -0.01	45.38 3.75 -0.01	51.81 3.12 0.00	54.95 1.66 0.25	55.72 1.59 0.79	58.92 1.94 0.17	62.51 2.07 0.42	68.57 2.66 0.42	77.38 2.71 0.59	85.07 4.15 0.47	85.95 4.86 0.00	98.93 5.99 0.61	112.91 7.97 1.30	107.16 6.89 0.96	96.39 4.85 0.00	85.28 3.04 0.01	74.78 1.05 1.64	62.10 1.02 2.90	56.59 1.25 1.48

PORT_JEFF_IC 23713	51.55 3.99 0.00	47.56 3.69 0.00	42.58 3.26 0.00	41.09 2.94 0.00	41.62 3.05 0.00	43.48 3.30 0.00	45.41 3.79 0.00	51.85 3.16 0.00	55.38 2.09 0.24	55.83 1.70 0.79	59.04 2.11 0.22	62.62 2.31 0.56	68.77 2.99 0.55	77.28 2.79 0.78	84.93 4.15 0.62	86.11 5.03 0.00	99.30 6.36 0.60	113.10 8.18 1.32	107.36 7.09 0.95	96.48 4.94 0.00	85.36 3.13 0.01	74.87 1.13 1.63	62.26 1.28 2.99	56.88 1.53 1.47
PPL PILGRIM_ST_GT1 24216	51.74 4.19 0.00	47.92 4.03 -0.01	42.93 3.61 0.00	41.44 3.28 0.00	41.93 3.35 0.00	43.81 3.62 -0.01	45.75 4.12 -0.01	52.29 3.60 0.00	55.44 2.14 0.24	56.11 1.97 0.78	59.39 2.46 0.21	63.08 2.74 0.52	69.33 3.51 0.52	78.15 3.61 0.73	85.37 4.56 0.58	86.35 5.27 0.00	99.41 6.45 0.58	113.35 8.39 1.28	107.69 7.39 0.92	96.85 5.31 0.00	85.85 3.61 0.01	75.87 2.11 1.60	62.79 1.73 2.92	57.07 1.70 1.45
PPL PILGRIM_ST_GT2 24217	51.74 4.19 0.00	47.92 4.03 -0.01	42.93 3.61 0.00	41.44 3.28 0.00	41.93 3.35 0.00	43.81 3.62 -0.01	45.75 4.12 -0.01	52.29 3.60 0.00	55.44 2.14 0.24	56.11 1.97 0.78	59.39 2.46 0.21	63.08 2.74 0.52	69.33 3.51 0.52	78.15 3.61 0.73	85.37 4.56 0.58	86.35 5.27 0.00	99.41 6.45 0.58	113.35 8.39 1.28	107.69 7.39 0.92	96.85 5.31 0.00	85.85 3.61 0.01	75.87 2.11 1.60	62.79 1.73 2.92	57.07 1.70 1.45
PPL_SHRM_GT3 24213	50.98 3.43 0.00	47.22 3.33 -0.01	42.26 2.95 0.00	40.79 2.63 0.00	41.31 2.74 0.00	43.17 2.97 -0.01	45.08 3.45 -0.01	51.41 2.72 0.00	54.63 1.34 0.25	55.44 1.32 0.79	58.79 1.83 0.18	62.48 2.07 0.45	68.67 2.79 0.45	77.80 3.16 0.63	85.53 4.64 0.50	86.52 5.43 0.00	99.58 6.64 0.60	113.75 8.81 1.31	108.07 7.80 0.96	97.12 5.58 0.00	85.77 3.53 0.01	75.16 1.43 1.63	62.28 1.21 2.91	56.25 0.91 1.48
PPL_SHRM_GT4 24214	50.98 3.43 0.00	47.22 3.33 -0.01	42.26 2.95 0.00	40.79 2.63 0.00	41.31 2.74 0.00	43.17 2.97 -0.01	45.08 3.45 -0.01	51.41 2.72 0.00	54.63 1.34 0.25	55.44 1.32 0.79	58.79 1.83 0.18	62.48 2.07 0.45	68.67 2.79 0.45	77.80 3.16 0.63	85.53 4.64 0.50	86.52 5.43 0.00	99.58 6.64 0.60	113.75 8.81 1.31	108.07 7.80 0.96	97.12 5.58 0.00	85.77 3.53 0.01	75.16 1.43 1.63	62.28 1.21 2.91	56.25 0.91 1.48
PROJECT___ORANGE 1 24174	47.65 0.10 0.00	44.01 0.13 0.00	39.35 0.04 0.00	38.04 -0.11 0.00	38.38 -0.19 0.00	40.03 -0.16 0.00	41.42 -0.21 0.00	48.25 -0.44 0.00	53.37 -0.16 0.00	54.81 -0.11 0.00	57.15 0.00 0.00	61.05 0.18 0.00	66.87 0.53 0.00	76.02 0.75 0.00	81.88 0.49 0.00	81.41 0.32 0.00	93.83 0.28 0.00	106.35 0.11 0.00	101.53 0.30 0.00	92.36 0.82 0.00	82.90 0.66 0.00	75.82 0.45 0.00	64.23 0.26 0.00	57.22 0.40 0.00
PROJECT___ORANGE 2 24166	47.65 0.10 0.00	44.01 0.13 0.00	39.35 0.04 0.00	38.04 -0.11 0.00	38.38 -0.19 0.00	40.03 -0.16 0.00	41.42 -0.21 0.00	48.25 -0.44 0.00	53.37 -0.16 0.00	54.81 -0.11 0.00	57.15 0.00 0.00	61.05 0.18 0.00	66.87 0.53 0.00	76.02 0.75 0.00	81.88 0.49 0.00	81.41 0.32 0.00	93.83 0.28 0.00	106.35 0.11 0.00	101.53 0.30 0.00	92.36 0.82 0.00	82.90 0.66 0.00	75.82 0.45 0.00	64.23 0.26 0.00	57.22 0.40 0.00
PUCKETT___SOLAR 323809	49.55 2.00 0.00	45.76 1.89 0.00	40.93 1.61 0.00	39.61 1.45 0.00	39.92 1.35 0.00	41.63 1.44 0.00	43.12 1.50 0.00	50.05 1.36 0.00	55.20 1.66 0.00	56.62 1.70 0.00	58.86 1.71 0.00	62.93 2.07 0.00	68.92 2.58 0.00	78.43 3.16 0.00	84.24 2.85 0.00	83.68 2.59 0.00	96.63 3.08 0.00	109.86 3.61 0.00	105.28 4.05 0.00	96.21 4.67 0.00	86.52 4.27 0.00	79.13 3.77 0.00	66.92 2.94 0.00	59.83 3.01 0.00
PYRITES___HYD 24023	48.32 0.76 0.00	44.49 0.61 0.00	39.86 0.55 0.00	38.73 0.57 0.00	39.27 0.69 0.00	40.95 0.76 0.00	42.46 0.83 0.00	50.15 1.46 0.00	55.03 1.50 0.00	56.29 1.37 0.00	58.29 1.14 0.00	61.90 1.03 0.00	67.13 0.80 0.00	75.95 0.68 0.00	81.56 0.16 0.00	80.68 -0.41 0.00	92.98 -0.56 0.00	106.24 0.00 0.00	101.53 0.30 0.00	92.18 0.64 0.00	82.82 0.58 0.00	76.80 1.43 0.00	65.77 1.79 0.00	58.19 1.36 0.00
QUAKERRD_115KV_BK1 80622	47.70 0.14 0.00	44.40 0.53 0.00	39.43 0.12 0.00	37.77 -0.38 0.00	38.04 -0.54 0.00	39.58 -0.60 0.00	40.96 -0.67 0.00	47.28 -1.41 0.00	52.57 -0.96 0.00	54.31 -0.60 0.00	56.80 -0.34 0.00	60.68 -0.18 0.00	67.00 0.66 0.00	75.95 0.68 0.00	81.23 -0.16 0.00	80.68 -0.41 0.00	92.98 -0.56 0.00	105.29 -0.96 0.00	100.52 -0.71 0.00	92.18 0.64 0.00	82.49 0.25 0.00	75.59 0.23 0.00	64.23 0.26 0.00	57.90 1.08 0.00
QUENSBRY_115KV_TB8 356137	49.84 2.28 0.00	45.85 1.97 0.00	41.24 1.93 0.00	39.87 1.72 0.00	40.35 1.77 0.00	42.12 1.93 0.00	43.45 1.83 0.00	50.64 1.95 0.00	55.68 2.14 0.00	57.11 2.20 0.00	58.80 1.66 0.00	62.51 1.64 0.00	67.80 1.46 0.00	77.38 2.11 0.00	83.75 2.36 0.00	83.11 2.03 0.00	96.07 2.53 0.00	109.54 3.29 0.00	106.49 5.26 0.00	96.67 5.13 0.00	87.54 5.26 -0.03	79.43 4.07 0.00	66.92 2.94 0.00	59.32 2.50 0.00
RAMAPO___LBMP 323565	49.98 2.43 0.00	45.98 2.11 0.00	41.32 2.00 0.00	40.03 1.87 0.00	40.35 1.77 0.00	42.12 1.93 0.00	43.91 2.29 0.00	50.93 2.24 0.00	55.73 2.19 0.00	57.17 2.25 0.00	59.43 2.29 0.00	63.18 2.31 0.00	69.06 2.72 0.00	78.51 3.24 0.00	85.54 4.15 0.00	85.79 4.70 0.00	98.97 5.43 0.00	112.62 6.37 0.00	106.69 5.47 0.00	96.21 4.67 0.00	86.69 4.44 0.00	78.08 2.71 0.00	65.83 1.86 0.00	58.92 2.10 0.00
RANKINE____ 23646	49.03 1.47 0.00	46.16 2.28 0.00	40.89 1.57 0.00	38.84 0.69 0.00	38.77 0.19 0.00	40.43 0.24 0.00	41.62 0.00 0.00	47.37 -1.31 0.00	53.11 -0.43 0.00	55.30 0.38 0.00	57.60 0.46 0.00	62.08 1.22 0.00	68.99 2.65 0.00	78.51 3.24 0.00	83.18 1.79 0.00	82.63 1.54 0.00	95.23 1.68 0.00	106.77 0.53 0.00	102.44 1.21 0.00	94.74 3.20 0.00	84.71 2.47 0.00	77.55 2.19 0.00	66.60 2.62 0.00	60.97 4.15 0.00
RAVENSWOOD_GT2_1 24244	50.69 3.14 0.00	46.64 2.76 0.00	41.83 2.52 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.68 2.49 0.00	44.62 3.00 0.00	51.66 2.97 0.00	56.59 3.05 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.09 3.23 0.00	70.05 3.71 0.00	79.56 4.29 0.00	86.85 5.45 0.00	87.25 6.16 0.00	100.66 7.11 0.00	114.42 8.18 0.00	108.11 6.88 0.00	97.40 5.86 0.00	87.76 5.51 0.00	78.68 3.32 0.00	66.34 2.37 0.00	59.55 2.73 0.00
RAVENSWOOD_GT2_2 24245	50.69 3.14 0.00	46.64 2.76 0.00	41.83 2.52 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.68 2.49 0.00	44.62 3.00 0.00	51.66 2.97 0.00	56.59 3.05 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.09 3.23 0.00	70.05 3.71 0.00	79.56 4.29 0.00	86.85 5.45 0.00	87.25 6.16 0.00	100.66 7.11 0.00	114.42 8.18 0.00	108.11 6.88 0.00	97.40 5.86 0.00	87.76 5.51 0.00	78.68 3.32 0.00	66.34 2.37 0.00	59.55 2.73 0.00

RAVENSWOOD_GT2_3 24246	50.74 3.19 0.00	46.64 2.76 0.00	41.83 2.52 0.00	40.52 2.37 0.00	40.89 2.31 0.00	42.68 2.49 0.00	44.66 3.04 0.00	51.71 3.02 0.00	56.59 3.05 0.00	57.99 3.08 0.00	60.35 3.20 0.00	64.15 3.29 0.00	70.12 3.78 0.00	79.64 4.37 0.00	86.93 5.53 0.00	87.25 6.16 0.00	100.75 7.20 0.00	114.53 8.29 0.00	108.21 6.98 0.00	97.49 5.95 0.00	87.84 5.59 0.00	78.76 3.39 0.00	66.41 2.43 0.00	59.55 2.73 0.00
RAVENSWOOD_GT2_4 24247	50.74 3.19 0.00	46.64 2.76 0.00	41.83 2.52 0.00	40.52 2.37 0.00	40.89 2.31 0.00	42.68 2.49 0.00	44.66 3.04 0.00	51.71 3.02 0.00	56.59 3.05 0.00	57.99 3.08 0.00	60.35 3.20 0.00	64.15 3.29 0.00	70.12 3.78 0.00	79.64 4.37 0.00	86.93 5.53 0.00	87.25 6.16 0.00	100.75 7.20 0.00	114.53 8.29 0.00	108.21 6.98 0.00	97.49 5.95 0.00	87.84 5.59 0.00	78.76 3.39 0.00	66.41 2.43 0.00	59.55 2.73 0.00
RAVENSWOOD_GT3_1 24248	50.69 3.14 0.00	46.64 2.76 0.00	41.83 2.52 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.68 2.49 0.00	44.62 3.00 0.00	51.66 2.97 0.00	56.59 3.05 0.00	57.99 3.08 0.00	60.29 3.14 0.00	64.09 3.23 0.00	70.05 3.71 0.00	79.56 4.29 0.00	86.85 5.45 0.00	87.25 6.16 0.00	100.66 7.11 0.00	114.42 8.18 0.00	108.11 6.88 0.00	97.40 5.86 0.00	87.76 5.51 0.00	78.68 3.32 0.00	66.41 2.43 0.00	59.55 2.73 0.00
RAVENSWOOD_GT3_2 24249	50.69 3.14 0.00	46.64 2.76 0.00	41.83 2.52 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.68 2.49 0.00	44.62 3.00 0.00	51.66 2.97 0.00	56.59 3.05 0.00	57.99 3.08 0.00	60.29 3.14 0.00	64.09 3.23 0.00	70.05 3.71 0.00	79.56 4.29 0.00	86.85 5.45 0.00	87.25 6.16 0.00	100.66 7.11 0.00	114.42 8.18 0.00	108.11 6.88 0.00	97.40 5.86 0.00	87.76 5.51 0.00	78.68 3.32 0.00	66.41 2.43 0.00	59.55 2.73 0.00
RAVENSWOOD_GT3_3 24250	50.79 3.23 0.00	46.69 2.81 0.00	41.87 2.56 0.00	40.56 2.40 0.00	40.93 2.35 0.00	42.72 2.53 0.00	44.70 3.08 0.00	51.76 3.07 0.00	56.69 3.16 0.00	58.10 3.19 0.00	60.40 3.26 0.00	64.21 3.35 0.00	70.25 3.91 0.00	79.71 4.44 0.00	87.09 5.70 0.00	87.41 6.32 0.00	100.84 7.30 0.00	114.74 8.50 0.00	108.31 7.09 0.00	97.67 6.13 0.00	87.92 5.68 0.00	78.83 3.47 0.00	66.54 2.56 0.00	59.66 2.84 0.00
RAVENSWOOD_GT3_4 24251	50.79 3.23 0.00	46.69 2.81 0.00	41.87 2.56 0.00	40.56 2.40 0.00	40.93 2.35 0.00	42.72 2.53 0.00	44.70 3.08 0.00	51.76 3.07 0.00	56.69 3.16 0.00	58.10 3.19 0.00	60.40 3.26 0.00	64.21 3.35 0.00	70.25 3.91 0.00	79.71 4.44 0.00	87.09 5.70 0.00	87.41 6.32 0.00	100.84 7.30 0.00	114.74 8.50 0.00	108.31 7.09 0.00	97.67 6.13 0.00	87.92 5.68 0.00	78.83 3.47 0.00	66.54 2.56 0.00	59.66 2.84 0.00
RAVENSWOOD_GT_1 23729	50.88 3.33 0.00	46.82 2.94 0.00	41.99 2.67 0.00	40.68 2.52 0.00	41.04 2.47 0.00	42.84 2.65 0.00	44.84 3.20 -0.01	51.76 3.07 0.00	56.59 3.05 0.00	57.99 3.08 0.00	60.29 3.14 0.00	64.03 3.16 0.00	69.92 3.58 0.00	79.33 4.06 0.01	86.68 5.29 0.00	87.17 6.08 0.00	100.56 7.02 0.00	114.32 8.07 0.00	107.80 6.58 0.01	97.12 5.58 0.01	87.50 5.26 0.01	78.45 3.09 0.01	66.15 2.18 0.01	59.49 2.67 0.00
RAVENSWOOD_GT_10 24258	50.69 3.14 0.00	46.64 2.76 0.00	41.83 2.52 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.68 2.49 0.00	44.62 3.00 0.00	51.66 2.97 0.00	56.59 3.05 0.00	57.99 3.08 0.00	60.29 3.14 0.00	64.09 3.23 0.00	70.12 3.78 0.00	79.56 4.29 0.00	86.93 5.53 0.00	87.25 6.16 0.00	100.66 7.11 0.00	114.42 8.18 0.00	108.11 6.88 0.00	97.49 5.95 0.00	87.76 5.51 0.00	78.75 3.39 0.00	66.41 2.43 0.00	59.55 2.73 0.00
RAVENSWOOD_GT_11 24259	50.69 3.14 0.00	46.64 2.76 0.00	41.83 2.52 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.68 2.49 0.00	44.62 3.00 0.00	51.66 2.97 0.00	56.59 3.05 0.00	57.99 3.08 0.00	60.29 3.14 0.00	64.09 3.23 0.00	70.12 3.78 0.00	79.56 4.29 0.00	86.93 5.53 0.00	87.25 6.16 0.00	100.66 7.11 0.00	114.42 8.18 0.00	108.11 6.88 0.00	97.49 5.95 0.00	87.76 5.51 0.00	78.75 3.39 0.00	66.41 2.43 0.00	59.55 2.73 0.00
RAVENSWOOD_GT_4 24252	50.69 3.14 0.00	46.60 2.72 0.00	41.79 2.48 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.64 2.45 0.00	44.57 2.96 0.01	51.71 3.02 0.00	56.59 3.05 0.00	57.99 3.08 0.00	60.29 3.14 0.00	64.15 3.29 0.00	70.19 3.85 0.00	79.63 4.37 0.00	87.01 5.62 0.00	87.33 6.24 0.00	100.75 7.20 0.00	114.53 8.29 0.00	108.21 6.98 0.00	97.58 6.04 0.00	87.92 5.68 0.00	78.83 3.47 0.01	66.47 2.50 0.00	59.55 2.73 0.00
RAVENSWOOD_GT_5 24254	50.69 3.14 0.00	46.60 2.72 0.00	41.79 2.48 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.64 2.45 0.00	44.57 2.96 0.01	51.71 3.02 0.00	56.59 3.05 0.00	57.99 3.08 0.00	60.29 3.14 0.00	64.15 3.29 0.00	70.19 3.85 0.00	79.63 4.37 0.00	87.01 5.62 0.00	87.33 6.24 0.00	100.75 7.20 0.00	114.53 8.29 0.00	108.21 6.98 0.00	97.58 6.04 0.00	87.92 5.68 0.00	78.83 3.47 0.01	66.47 2.50 0.00	59.55 2.73 0.00
RAVENSWOOD_GT_6 24253	50.69 3.14 0.00	46.60 2.72 0.00	41.79 2.48 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.64 2.45 0.00	44.57 2.96 0.01	51.71 3.02 0.00	56.59 3.05 0.00	57.99 3.08 0.00	60.29 3.14 0.00	64.15 3.29 0.00	70.19 3.85 0.00	79.63 4.37 0.00	87.01 5.62 0.00	87.33 6.24 0.00	100.75 7.20 0.00	114.53 8.29 0.00	108.21 6.98 0.00	97.58 6.04 0.00	87.92 5.68 0.00	78.83 3.47 0.01	66.47 2.50 0.00	59.55 2.73 0.00
RAVENSWOOD_GT_7 24255	50.69 3.14 0.00	46.60 2.72 0.00	41.79 2.48 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.64 2.45 0.00	44.57 2.96 0.01	51.71 3.02 0.00	56.59 3.05 0.00	57.99 3.08 0.00	60.29 3.14 0.00	64.15 3.29 0.00	70.19 3.85 0.00	79.63 4.37 0.00	87.01 5.62 0.00	87.33 6.24 0.00	100.75 7.20 0.00	114.53 8.29 0.00	108.21 6.98 0.00	97.58 6.04 0.00	87.92 5.68 0.00	78.83 3.47 0.01	66.47 2.50 0.00	59.55 2.73 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.69 3.14 0.00	46.64 2.76 0.00	41.83 2.52 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.68 2.49 0.00	44.62 3.00 0.00	51.66 2.97 0.00	56.59 3.05 0.00	57.99 3.08 0.00	60.29 3.14 0.00	64.09 3.23 0.00	70.12 3.78 0.00	79.56 4.29 0.00	86.93 5.53 0.00	87.25 6.16 0.00	100.66 7.11 0.00	114.42 8.18 0.00	108.11 6.88 0.00	97.49 5.95 0.00	87.76 5.51 0.00	78.75 3.39 0.00	66.41 2.43 0.00	59.55 2.73 0.00
RAVENSWOOD_GT_9 24257	50.69 3.14 0.00	46.64 2.76 0.00	41.83 2.52 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.68 2.49 0.00	44.62 3.00 0.00	51.66 2.97 0.00	56.59 3.05 0.00	57.99 3.08 0.00	60.29 3.14 0.00	64.09 3.23 0.00	70.12 3.78 0.00	79.56 4.29 0.00	86.93 5.53 0.00	87.25 6.16 0.00	100.66 7.11 0.00	114.42 8.18 0.00	108.11 6.88 0.00	97.49 5.95 0.00	87.76 5.51 0.00	78.75 3.39 0.00	66.41 2.43 0.00	59.55 2.73 0.00

RAVENSWOOD___1 23533	50.83 3.28 0.00	46.77 2.90 0.00	41.95 2.63 0.00	40.63 2.48 0.00	40.97 2.39 0.00	42.80 2.61 0.00	44.79 3.16 -0.01	51.71 3.02 0.00	56.53 3.00 0.00	57.99 3.07 0.00	60.23 3.08 0.00	63.97 3.10 0.00	69.85 3.51 0.00	79.25 3.99 0.01	86.68 5.29 0.00	87.09 6.00 0.00	100.37 6.83 0.00	114.21 7.97 0.00	107.70 6.48 0.01	97.03 5.49 0.01	87.42 5.18 0.01	78.29 2.94 0.01	66.08 2.11 0.01	59.49 2.67 0.00
RAVENSWOOD___2 23534	50.74 3.19 0.00	46.69 2.81 0.00	41.87 2.55 0.00	40.52 2.37 0.00	40.89 2.31 0.00	42.72 2.53 0.00	44.71 3.08 -0.01	51.61 2.92 0.00	56.42 2.89 0.00	57.77 2.85 0.00	60.12 2.97 0.00	63.54 2.67 0.00	69.19 2.85 0.00	78.57 3.31 0.01	85.95 4.56 0.00	86.35 5.27 0.00	99.54 5.99 0.00	113.25 7.01 0.00	106.78 5.56 0.01	96.20 4.67 0.01	86.68 4.44 0.01	77.62 2.26 0.01	65.63 1.66 0.01	59.32 2.50 0.00
RAVENSWOOD___3 23535	50.69 3.14 0.00	46.64 2.77 0.00	41.83 2.52 0.00	40.48 2.33 0.00	40.85 2.28 0.00	42.68 2.49 0.00	44.62 3.00 0.00	51.66 2.97 0.00	56.53 3.00 0.00	57.99 3.07 0.00	60.29 3.14 0.00	64.09 3.22 0.00	70.05 3.71 0.00	79.56 4.29 0.00	86.93 5.54 0.00	87.24 6.16 0.00	100.57 7.02 0.00	114.42 8.18 0.00	108.11 6.89 0.00	97.40 5.86 0.00	87.76 5.51 0.00	78.60 3.24 0.00	66.41 2.43 0.00	59.55 2.73 0.00
RAVENSWOOD___4 23820	50.79 3.24 0.00	46.73 2.85 0.00	41.91 2.59 0.00	40.60 2.44 0.00	40.93 2.35 0.00	42.76 2.57 0.00	44.75 3.12 -0.01	51.71 3.02 0.00	56.48 2.94 0.00	57.93 3.02 0.00	60.23 3.08 0.00	63.90 3.04 0.00	69.79 3.45 0.00	79.17 3.91 0.01	86.68 5.29 0.00	87.00 5.92 0.00	100.29 6.74 0.00	114.10 7.86 0.00	107.60 6.38 0.01	96.93 5.40 0.01	87.34 5.10 0.01	78.29 2.94 0.01	66.08 2.11 0.01	59.44 2.62 0.00
RCPL_TRUST___DRP 24196	50.69 3.14 0.00	46.64 2.76 0.00	41.83 2.52 0.00	40.52 2.37 0.00	40.89 2.31 0.00	42.72 2.53 0.00	44.66 3.04 0.00	51.76 3.07 0.00	56.69 3.16 0.00	58.10 3.19 0.00	60.46 3.31 0.00	64.27 3.41 0.00	70.32 3.98 0.00	79.79 4.52 0.00	87.17 5.78 0.00	87.49 6.41 0.00	100.94 7.39 0.00	114.74 8.50 0.00	108.41 7.19 0.00	97.67 6.13 0.00	88.00 5.76 0.00	78.83 3.47 0.00	66.47 2.50 0.00	59.61 2.78 0.00
RED___ROCHESTER 323720	49.31 1.76 0.00	45.94 2.06 0.00	40.73 1.41 0.00	38.92 0.76 0.00	39.15 0.58 0.00	40.71 0.52 0.00	42.08 0.46 0.00	48.54 -0.15 0.00	54.07 0.54 0.00	55.96 1.04 0.00	58.58 1.43 0.00	62.69 1.82 0.00	69.33 2.99 0.00	78.50 3.23 0.00	84.24 2.85 0.00	83.28 2.19 0.00	95.97 2.43 0.00	108.58 2.33 0.00	103.76 2.53 0.00	95.38 3.84 0.00	85.20 2.96 0.00	78.38 3.02 0.00	66.41 2.43 0.00	59.95 3.12 0.00
REGAN___SOLAR 323812	51.79 4.23 0.00	47.65 3.77 0.00	42.73 3.42 0.00	41.36 3.21 0.00	41.85 3.28 0.00	43.72 3.54 0.00	45.08 3.45 0.00	52.39 3.70 0.00	57.50 3.96 0.00	58.70 3.79 0.00	60.81 3.66 0.00	64.64 3.77 0.00	70.39 4.05 0.00	80.31 5.04 0.00	86.93 5.54 0.00	86.20 5.11 0.00	99.72 6.17 0.00	113.90 7.65 0.00	110.14 8.91 0.00	100.42 8.88 0.00	90.72 8.47 0.00	82.45 7.08 0.00	69.54 5.56 0.00	61.76 4.94 0.00
RENSSELAER___COGEN 23796	47.79 0.24 0.00	44.05 0.18 0.00	39.59 0.28 0.00	38.50 0.34 0.00	38.92 0.35 0.00	40.55 0.36 0.00	42.04 0.42 0.00	48.84 0.15 0.00	53.54 0.00 0.00	54.86 -0.05 0.00	56.97 -0.17 0.00	60.62 -0.24 0.00	66.07 -0.26 0.00	75.12 -0.15 0.00	81.72 0.33 0.00	81.41 0.33 0.00	93.92 0.38 0.00	106.88 0.64 0.00	102.14 0.91 0.00	92.27 0.73 0.00	83.20 0.99 0.04	75.44 0.08 0.00	63.79 -0.19 0.00	56.77 -0.06 0.00
REPUBLIC_115KV_BARTNBK 55605	51.83 4.28 0.00	47.61 3.73 0.00	42.81 3.50 0.00	41.21 3.05 0.00	41.74 3.16 0.00	43.60 3.42 0.00	44.91 3.29 0.00	52.34 3.65 0.00	57.60 4.07 0.00	59.14 4.23 0.00	60.86 3.71 0.00	64.70 3.83 0.00	69.92 3.58 0.00	80.01 4.74 0.00	86.44 5.05 0.00	85.54 4.46 0.00	98.88 5.33 0.00	113.04 6.80 0.00	110.54 9.31 0.00	100.69 9.15 0.00	91.32 9.05 -0.03	82.98 7.61 0.00	69.80 5.82 0.00	61.71 4.89 0.00
REVERE_CPPR_DRP 24186	49.74 2.19 0.00	45.85 1.97 0.00	40.96 1.65 0.00	39.76 1.60 0.00	40.20 1.62 0.00	42.04 1.85 0.00	43.62 2.00 0.00	50.98 2.29 0.00	56.37 2.84 0.00	57.77 2.86 0.00	60.06 2.91 0.00	63.97 3.10 0.00	69.99 3.65 0.00	79.71 4.44 0.00	85.14 3.74 0.00	84.73 3.65 0.00	98.22 4.68 0.00	111.66 5.42 0.00	107.10 5.87 0.00	97.31 5.77 0.00	87.35 5.10 0.00	79.89 4.52 0.00	67.30 3.33 0.00	59.83 3.01 0.00
REYNLDPA_13_KV_LD 356490	47.17 -0.38 0.00	43.48 -0.39 0.00	39.00 -0.31 0.00	37.85 -0.31 0.00	38.34 -0.23 0.00	39.87 -0.32 0.00	41.37 -0.25 0.00	48.79 0.10 0.00	53.59 0.05 0.00	54.97 0.05 0.00	57.20 0.06 0.00	60.86 0.00 0.00	66.01 -0.33 0.00	74.67 -0.60 0.00	80.66 -0.73 0.00	80.27 -0.81 0.00	92.52 -1.03 0.00	105.07 -1.17 0.00	99.91 -1.32 0.00	90.17 -1.37 0.00	80.85 -1.40 0.00	74.84 -0.53 0.00	63.98 0.00 0.00	56.54 -0.28 0.00
REYNOLDS_115KV_TB3 80639	48.36 0.81 0.00	44.58 0.70 0.00	40.02 0.71 0.00	38.88 0.72 0.00	39.31 0.73 0.00	40.99 0.80 0.00	42.50 0.87 0.00	49.37 0.68 0.00	54.12 0.59 0.00	55.41 0.49 0.00	57.60 0.46 0.00	61.29 0.43 0.00	66.80 0.46 0.00	75.87 0.60 0.00	82.53 1.14 0.00	82.30 1.22 0.00	95.04 1.50 0.00	108.15 1.91 0.00	103.35 2.13 0.00	93.46 1.92 0.00	84.17 1.97 0.05	76.34 0.98 0.00	64.49 0.51 0.00	57.39 0.57 0.00
RIVERBAY____ 323610	51.79 4.23 -0.01	47.70 3.82 -0.01	42.78 3.46 -0.01	41.37 3.21 -0.01	41.75 3.16 -0.01	43.60 3.42 0.00	45.59 3.95 -0.01	52.49 3.80 0.00	57.23 3.69 0.00	58.71 3.79 0.00	60.86 3.71 0.00	64.82 3.96 0.00	70.85 4.51 0.00	80.46 5.19 0.01	87.99 6.59 0.00	88.63 7.54 -0.01	102.25 8.70 -0.01	116.24 9.99 -0.01	109.52 8.30 0.01	98.86 7.32 0.01	89.08 6.83 -0.01	79.88 4.52 0.01	67.30 3.33 0.01	60.52 3.69 0.00
RIVERSDE_115KV_TB3 55908	48.17 0.62 0.00	44.40 0.53 0.00	39.86 0.55 0.00	38.77 0.61 0.00	39.19 0.62 0.00	40.83 0.64 0.00	42.33 0.71 0.00	49.18 0.49 0.00	53.96 0.43 0.00	55.25 0.33 0.00	57.43 0.29 0.00	61.11 0.24 0.00	66.60 0.27 0.00	75.65 0.38 0.00	82.29 0.90 0.00	82.06 0.97 0.00	94.76 1.22 0.00	107.73 1.49 0.00	102.95 1.72 0.00	93.10 1.56 0.00	83.93 1.73 0.04	76.12 0.75 0.00	64.23 0.26 0.00	57.22 0.40 0.00
ROARING___BROOK_WT_PWR 323790	46.99 -0.57 0.00	43.40 -0.48 0.00	38.92 -0.39 0.00	37.81 -0.34 0.00	38.27 -0.31 0.00	39.91 -0.28 0.00	41.38 -0.25 0.00	48.54 -0.15 0.00	53.38 -0.16 0.00	54.75 -0.16 0.00	56.97 -0.17 0.00	60.68 -0.18 0.00	66.14 -0.20 0.00	74.97 -0.30 0.00	80.99 -0.40 0.00	80.68 -0.40 0.00	93.08 -0.47 0.00	105.82 -0.42 0.00	100.72 -0.50 0.00	91.08 -0.46 0.00	81.67 -0.57 0.00	74.91 -0.45 0.00	63.60 -0.38 0.00	56.37 -0.46 0.00

ROCHESRG_115KV_T4 355643	48.55 1.00 0.00	45.33 1.45 0.00	40.22 0.90 0.00	38.50 0.34 0.00	38.69 0.12 0.00	40.23 0.04 0.00	41.58 -0.04 0.00	47.86 -0.83 0.00	53.27 -0.27 0.00	55.08 0.16 0.00	57.60 0.46 0.00	61.59 0.73 0.00	68.13 1.79 0.00	77.23 1.96 0.00	82.45 1.06 0.00	81.90 0.81 0.00	94.39 0.84 0.00	106.67 0.42 0.00	101.94 0.71 0.00	93.65 2.11 0.00	83.81 1.56 0.00	76.80 1.43 0.00	65.38 1.41 0.00	59.21 2.39 0.00
ROCHESTER_9_IC 23652	48.93 1.38 0.00	45.68 1.80 0.00	40.49 1.18 0.00	38.73 0.57 0.00	38.92 0.35 0.00	40.47 0.28 0.00	41.87 0.25 0.00	48.20 -0.49 0.00	53.70 0.16 0.00	55.58 0.66 0.00	58.12 0.97 0.00	62.14 1.28 0.00	68.73 2.39 0.00	77.90 2.63 0.00	83.10 1.71 0.00	82.54 1.46 0.00	95.14 1.59 0.00	107.62 1.38 0.00	102.85 1.62 0.00	94.47 2.93 0.00	84.47 2.22 0.00	77.47 2.11 0.00	65.90 1.92 0.00	59.61 2.78 0.00
ROCKVIEW_13_KV_LD 356306	50.74 3.19 0.00	46.69 2.81 0.00	41.87 2.56 0.00	40.56 2.40 0.00	40.93 2.35 0.00	42.72 2.53 0.00	44.62 3.00 0.00	51.71 3.02 0.00	56.64 3.11 0.00	58.05 3.13 0.00	60.46 3.31 0.00	64.33 3.47 0.00	70.38 4.05 0.00	79.94 4.67 0.00	87.33 5.94 0.00	87.65 6.57 0.00	101.12 7.58 0.00	115.06 8.82 0.00	108.82 7.59 0.00	98.04 6.50 0.00	88.25 6.00 0.00	79.28 3.92 0.00	66.79 2.81 0.00	59.72 2.90 0.00
ROME____115KV_TB2 80656	49.74 2.19 0.00	45.85 1.97 0.00	40.96 1.65 0.00	39.76 1.60 0.00	40.20 1.62 0.00	42.04 1.85 0.00	43.62 2.00 0.00	50.98 2.29 0.00	56.37 2.84 0.00	57.77 2.86 0.00	60.06 2.91 0.00	63.97 3.10 0.00	69.99 3.65 0.00	79.71 4.44 0.00	85.14 3.74 0.00	84.73 3.65 0.00	98.22 4.68 0.00	111.66 5.42 0.00	107.10 5.87 0.00	97.31 5.77 0.00	87.35 5.10 0.00	79.89 4.52 0.00	67.30 3.33 0.00	59.83 3.01 0.00
ROSETON___1 23587	49.70 2.14 0.00	45.72 1.84 0.00	41.04 1.73 0.00	39.83 1.68 0.00	40.20 1.62 0.00	41.95 1.77 0.00	43.66 2.04 0.00	50.64 1.95 0.00	55.46 1.92 0.00	56.78 1.87 0.00	59.09 1.94 0.00	62.75 1.89 0.00	68.66 2.32 0.00	77.98 2.71 0.00	85.06 3.67 0.00	85.06 3.97 0.00	98.22 4.68 0.00	111.66 5.42 0.00	105.99 4.76 0.00	95.56 4.02 0.00	86.19 3.95 0.00	77.62 2.26 0.00	65.51 1.53 0.00	58.64 1.82 0.00
ROSETON___2 23588	49.70 2.14 0.00	45.72 1.84 0.00	41.04 1.73 0.00	39.83 1.68 0.00	40.20 1.62 0.00	41.95 1.77 0.00	43.66 2.04 0.00	50.64 1.95 0.00	55.46 1.92 0.00	56.78 1.87 0.00	59.09 1.94 0.00	62.75 1.89 0.00	68.66 2.32 0.00	77.98 2.71 0.00	85.06 3.67 0.00	85.06 3.97 0.00	98.22 4.68 0.00	111.66 5.42 0.00	105.99 4.76 0.00	95.56 4.02 0.00	86.19 3.95 0.00	77.62 2.26 0.00	65.51 1.53 0.00	58.64 1.82 0.00
ROTTDAM_115KV_TB3 80664	48.98 1.43 0.00	45.15 1.27 0.00	40.49 1.18 0.00	39.34 1.18 0.00	39.77 1.20 0.00	41.47 1.29 0.00	42.87 1.25 0.00	49.91 1.22 0.00	54.77 1.23 0.00	56.12 1.21 0.00	58.29 1.14 0.00	62.02 1.16 0.00	67.60 1.26 0.00	76.85 1.58 0.00	83.35 1.95 0.00	83.03 1.95 0.00	95.88 2.34 0.00	109.00 2.76 0.00	104.37 3.14 0.00	94.56 3.02 0.00	85.21 2.96 0.00	77.55 2.19 0.00	65.51 1.54 0.00	58.30 1.48 0.00
RUSSELL___1 23602	49.27 1.71 0.00	45.94 2.06 0.00	40.73 1.42 0.00	38.92 0.76 0.00	39.15 0.58 0.00	40.71 0.52 0.00	42.08 0.46 0.00	48.49 -0.19 0.00	54.02 0.48 0.00	55.96 1.04 0.00	58.57 1.43 0.00	62.63 1.77 0.00	69.32 2.99 0.00	78.51 3.24 0.00	83.67 2.28 0.00	83.19 2.11 0.00	95.79 2.25 0.00	108.47 2.23 0.00	103.66 2.43 0.00	95.20 3.66 0.00	85.04 2.80 0.00	78.08 2.71 0.00	66.34 2.37 0.00	59.95 3.13 0.00
RUSSELL___2 23532	49.27 1.71 0.00	45.94 2.06 0.00	40.73 1.42 0.00	38.92 0.76 0.00	39.15 0.58 0.00	40.71 0.52 0.00	42.08 0.46 0.00	48.49 -0.19 0.00	54.02 0.48 0.00	55.96 1.04 0.00	58.57 1.43 0.00	62.63 1.77 0.00	69.32 2.99 0.00	78.51 3.24 0.00	83.67 2.28 0.00	83.19 2.11 0.00	95.79 2.25 0.00	108.47 2.23 0.00	103.66 2.43 0.00	95.20 3.66 0.00	85.04 2.80 0.00	78.08 2.71 0.00	66.34 2.37 0.00	59.95 3.13 0.00
RUSSELL___3 23549	49.27 1.71 0.00	45.94 2.06 0.00	40.73 1.42 0.00	38.92 0.76 0.00	39.15 0.58 0.00	40.71 0.52 0.00	42.08 0.46 0.00	48.49 -0.19 0.00	54.02 0.48 0.00	55.96 1.04 0.00	58.57 1.43 0.00	62.63 1.77 0.00	69.32 2.99 0.00	78.51 3.24 0.00	83.67 2.28 0.00	83.19 2.11 0.00	95.79 2.25 0.00	108.47 2.23 0.00	103.66 2.43 0.00	95.20 3.66 0.00	85.04 2.80 0.00	78.08 2.71 0.00	66.34 2.37 0.00	59.95 3.13 0.00
RUSSELL___4 23556	49.27 1.71 0.00	45.94 2.06 0.00	40.73 1.42 0.00	38.92 0.76 0.00	39.15 0.58 0.00	40.71 0.52 0.00	42.08 0.46 0.00	48.49 -0.19 0.00	54.02 0.48 0.00	55.96 1.04 0.00	58.57 1.43 0.00	62.63 1.77 0.00	69.32 2.99 0.00	78.51 3.24 0.00	83.67 2.28 0.00	83.19 2.11 0.00	95.79 2.25 0.00	108.47 2.23 0.00	103.66 2.43 0.00	95.20 3.66 0.00	85.04 2.80 0.00	78.08 2.71 0.00	66.34 2.37 0.00	59.95 3.13 0.00
RUSSELL___STATION 23914	49.27 1.71 0.00	45.94 2.06 0.00	40.73 1.42 0.00	38.92 0.76 0.00	39.15 0.58 0.00	40.71 0.52 0.00	42.08 0.46 0.00	48.49 -0.19 0.00	54.02 0.48 0.00	55.96 1.04 0.00	58.57 1.43 0.00	62.63 1.77 0.00	69.32 2.99 0.00	78.51 3.24 0.00	83.67 2.28 0.00	83.19 2.11 0.00	95.79 2.25 0.00	108.47 2.23 0.00	103.66 2.43 0.00	95.20 3.66 0.00	85.04 2.80 0.00	78.08 2.71 0.00	66.34 2.37 0.00	59.95 3.13 0.00
S SALMON___HYD 24043	48.22 0.67 0.00	44.45 0.57 0.00	39.71 0.39 0.00	38.46 0.30 0.00	38.85 0.27 0.00	40.55 0.36 0.00	42.04 0.42 0.00	49.08 0.39 0.00	54.07 0.54 0.00	55.41 0.49 0.00	57.66 0.51 0.00	61.41 0.55 0.00	67.14 0.80 0.00	76.32 1.05 0.00	81.97 0.57 0.00	81.49 0.41 0.00	94.02 0.47 0.00	107.60 0.53 -0.82	102.24 1.01 0.00	93.37 1.83 0.00	83.73 1.48 0.00	76.79 1.43 0.00	64.94 0.96 0.00	57.73 0.91 0.00
S.PERRY__115KV_TB1 80734	51.07 3.52 0.00	47.56 3.69 0.00	42.22 2.91 0.00	40.25 2.10 0.00	40.47 1.89 0.00	42.16 1.97 0.00	43.58 1.96 0.00	49.86 1.17 0.00	53.21 -0.32 0.00	54.70 -0.22 0.00	56.75 -0.40 0.00	60.80 -0.06 0.00	67.33 1.00 0.00	76.55 1.28 0.00	79.52 -1.87 0.00	79.06 -2.03 0.00	91.39 -2.15 0.00	104.01 -2.23 0.00	100.42 -0.81 0.00	93.10 1.56 0.00	83.64 1.40 0.00	76.65 1.28 0.00	67.05 3.07 0.00	60.46 3.64 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	48.65 1.09 0.00	45.85 1.97 0.00	40.57 1.26 0.00	38.54 0.38 0.00	38.50 -0.08 0.00	40.07 -0.12 0.00	41.21 -0.42 0.00	46.84 -1.85 0.00	52.52 -1.02 0.00	54.64 -0.27 0.00	56.97 -0.17 0.00	61.35 0.49 0.00	68.20 1.86 0.00	77.60 2.33 0.00	82.12 0.73 0.00	81.57 0.49 0.00	94.11 0.56 0.00	105.50 -0.74 0.00	101.13 -0.10 0.00	93.55 2.01 0.00	83.73 1.48 0.00	76.65 1.28 0.00	65.83 1.86 0.00	60.40 3.58 0.00

SAWYER___23_KV_LOAD 55526	48.65 1.09 0.00	45.85 1.97 0.00	40.57 1.26 0.00	38.54 0.38 0.00	38.50 -0.08 0.00	40.07 -0.12 0.00	41.21 -0.42 0.00	46.84 -1.85 0.00	52.52 -1.02 0.00	54.64 -0.27 0.00	56.97 -0.17 0.00	61.35 0.49 0.00	68.20 1.86 0.00	77.60 2.33 0.00	82.12 0.73 0.00	81.57 0.49 0.00	94.11 0.56 0.00	105.50 -0.74 0.00	101.13 -0.10 0.00	93.55 2.01 0.00	83.73 1.48 0.00	76.65 1.28 0.00	65.83 1.86 0.00	60.40 3.58 0.00
SELKIRK___I 23801	45.32 -0.24 1.99	42.69 -0.22 0.96	39.20 -0.12 0.00	38.12 -0.04 0.00	38.58 0.00 0.00	40.15 -0.04 0.00	41.14 -0.08 0.40	46.02 -0.39 2.28	49.37 -0.59 3.58	50.26 -0.72 3.94	52.23 -0.86 4.06	54.78 -1.04 5.05	58.64 -1.13 6.57	65.10 -1.13 9.05	69.72 -0.81 10.86	69.42 -0.89 10.78	78.39 -0.94 14.22	87.52 -0.96 17.76	84.19 -0.60 16.43	89.93 -0.46 1.15	82.06 -0.16 0.02	65.50 -0.75 9.11	57.24 -0.83 5.91	52.21 -0.62 3.99
SELKIRK___II 23799	40.43 0.10 7.22	40.43 0.04 3.49	39.47 0.16 0.00	38.42 0.27 0.00	38.85 0.27 0.00	40.43 0.24 0.00	40.43 0.25 1.44	40.43 0.00 8.26	40.43 -0.16 12.95	40.43 -0.22 14.27	42.15 -0.28 14.71	42.15 -0.42 18.29	42.15 -0.40 23.79	42.15 -0.37 32.75	42.15 0.08 39.32	42.15 0.08 39.02	42.15 0.09 51.49	42.15 0.21 64.31	42.15 0.41 59.48	87.74 0.37 4.17	82.80 0.58 0.02	42.15 -0.23 32.99	42.15 -0.44 21.38	42.15 -0.23 14.45
SENECA OSWGO___HYD 24041	47.36 -0.19 0.00	43.70 -0.17 0.00	39.08 -0.23 0.00	37.81 -0.34 0.00	38.19 -0.39 0.00	39.79 -0.40 0.00	41.21 -0.42 0.00	48.01 -0.68 0.00	52.95 -0.59 0.00	54.31 -0.60 0.00	56.63 -0.52 0.00	60.37 -0.49 0.00	66.07 -0.26 0.00	75.12 -0.15 0.00	81.15 -0.24 0.00	80.60 -0.48 0.00	92.99 -0.56 0.00	106.76 -0.74 -1.26	100.62 -0.60 0.00	91.63 0.09 0.00	82.25 0.00 0.00	75.21 -0.15 0.00	63.66 -0.32 0.00	56.71 -0.11 0.00
SENECA___115KV_TB3 355854	49.12 1.57 0.00	46.25 2.37 0.00	40.96 1.65 0.00	38.92 0.76 0.00	38.85 0.27 0.00	40.47 0.28 0.00	41.71 0.08 0.00	47.47 -1.22 0.00	53.21 -0.32 0.00	55.41 0.49 0.00	57.72 0.57 0.00	62.20 1.34 0.00	69.19 2.85 0.00	78.73 3.46 0.00	83.35 1.95 0.00	82.79 1.70 0.00	95.42 1.87 0.00	106.99 0.74 0.00	102.64 1.42 0.00	94.93 3.39 0.00	84.88 2.63 0.00	77.70 2.34 0.00	66.73 2.75 0.00	61.08 4.26 0.00
SENECA___ENERGY 23797	48.60 1.04 0.00	44.93 1.05 0.00	40.10 0.79 0.00	38.58 0.42 0.00	38.92 0.35 0.00	40.55 0.36 0.00	42.04 0.42 0.00	48.79 0.10 0.00	53.91 0.38 0.00	55.41 0.49 0.00	57.83 0.69 0.00	61.90 1.03 0.00	68.00 1.66 0.00	77.38 2.10 0.00	83.27 1.87 0.00	82.55 1.46 0.00	94.86 1.31 0.00	107.97 1.38 -0.35	102.84 1.61 0.00	94.10 2.56 0.00	84.63 2.39 0.00	77.47 2.11 0.00	65.58 1.60 0.00	58.64 1.82 0.00
SHOEMAKER___GT 23640	49.55 2.00 0.00	45.59 1.71 0.00	40.93 1.61 0.00	39.72 1.56 0.00	40.08 1.50 0.00	41.80 1.61 0.00	43.50 1.87 0.00	50.44 1.75 0.00	55.25 1.71 0.00	56.67 1.76 0.00	58.92 1.77 0.00	62.63 1.77 0.00	68.46 2.12 0.00	77.83 2.56 0.00	84.73 3.34 0.00	84.65 3.56 0.00	97.76 4.21 0.00	111.24 4.99 0.00	105.68 4.45 0.00	95.47 3.93 0.00	86.03 3.79 0.00	77.70 2.34 0.00	65.64 1.66 0.00	58.69 1.87 0.00
SHOEMAKR_138KV_BK 111 55601	49.55 2.00 0.00	45.59 1.71 0.00	40.92 1.61 0.00	39.72 1.56 0.00	40.08 1.50 0.00	41.79 1.61 0.00	43.50 1.87 0.00	50.44 1.75 0.00	55.30 1.77 0.00	56.67 1.76 0.00	58.92 1.77 0.00	62.69 1.83 0.00	68.53 2.19 0.00	77.83 2.56 0.00	84.65 3.26 0.00	84.73 3.65 0.00	97.76 4.21 0.00	111.24 4.99 0.00	105.68 4.45 0.00	95.48 3.94 0.00	86.03 3.78 0.00	77.70 2.34 0.00	65.64 1.66 0.00	58.64 1.82 0.00
SHOREHAM_IC_1 23715	50.98 3.43 0.00	47.22 3.33 -0.01	42.26 2.95 0.00	40.79 2.63 0.00	41.31 2.74 0.00	43.17 2.97 -0.01	45.08 3.45 -0.01	51.41 2.72 0.00	54.63 1.34 0.25	55.44 1.32 0.79	58.79 1.83 0.18	62.48 2.07 0.45	68.67 2.79 0.45	77.80 3.16 0.63	85.53 4.64 0.50	86.52 5.43 0.00	99.58 6.64 0.60	113.75 8.81 1.31	108.07 7.80 0.96	97.12 5.58 0.00	85.77 3.53 0.01	75.16 1.43 1.63	62.28 1.21 2.91	56.25 0.91 1.48
SHOREHAM_IC_2 23716	51.12 3.57 0.00	47.21 3.33 0.00	42.26 2.95 0.00	40.79 2.63 0.00	41.31 2.74 0.00	43.16 2.97 0.00	45.08 3.45 0.00	51.46 2.78 0.00	55.00 1.71 0.25	55.45 1.32 0.79	58.79 1.83 0.18	62.48 2.07 0.45	68.67 2.79 0.45	77.80 3.16 0.63	85.45 4.56 0.50	86.52 5.43 0.00	99.86 6.92 0.60	113.86 8.92 1.31	108.07 7.79 0.96	97.12 5.58 0.00	85.77 3.54 0.01	75.24 1.51 1.63	62.28 1.22 2.91	56.42 1.08 1.48
SISSONVILLE____ 23735	47.46 -0.10 0.00	43.75 -0.13 0.00	39.19 -0.12 0.00	38.04 -0.11 0.00	38.58 0.00 0.00	40.19 0.00 0.00	41.66 0.04 0.00	49.27 0.58 0.00	54.18 0.64 0.00	55.47 0.55 0.00	57.55 0.40 0.00	61.23 0.37 0.00	66.34 0.00 0.00	75.12 -0.15 0.00	80.74 -0.65 0.00	79.79 -1.30 0.00	91.77 -1.78 0.00	104.54 -1.70 0.00	99.61 -1.62 0.00	90.26 -1.28 0.00	80.85 -1.40 0.00	74.91 -0.45 0.00	64.36 0.38 0.00	57.11 0.28 0.00
SITHE_IND_GS1 24169	46.60 -0.95 0.00	43.04 -0.84 0.00	38.49 -0.83 0.00	37.24 -0.92 0.00	37.61 -0.96 0.00	39.18 -1.00 0.00	40.58 -1.04 0.00	47.28 -1.41 0.00	52.14 -1.39 0.00	53.55 -1.37 0.00	55.77 -1.37 0.00	59.47 -1.40 0.00	65.08 -1.26 0.00	73.92 -1.35 0.00	79.77 -1.63 0.00	79.30 -1.78 0.00	91.49 -2.06 0.00	99.29 -2.55 4.40	98.90 -2.32 0.00	89.98 -1.56 0.00	80.77 -1.48 0.00	73.93 -1.43 0.00	62.63 -1.35 0.00	55.80 -1.02 0.00
SITHE_IND_GS2 24170	46.60 -0.95 0.00	43.04 -0.84 0.00	38.49 -0.83 0.00	37.24 -0.92 0.00	37.61 -0.96 0.00	39.18 -1.00 0.00	40.58 -1.04 0.00	47.28 -1.41 0.00	52.14 -1.39 0.00	53.55 -1.37 0.00	55.77 -1.37 0.00	59.47 -1.40 0.00	65.08 -1.26 0.00	73.92 -1.35 0.00	79.77 -1.63 0.00	79.30 -1.78 0.00	91.49 -2.06 0.00	99.29 -2.55 4.40	98.90 -2.32 0.00	89.98 -1.56 0.00	80.77 -1.48 0.00	73.93 -1.43 0.00	62.63 -1.35 0.00	55.80 -1.02 0.00
SITHE_IND_GS3 24171	46.60 -0.95 0.00	43.04 -0.84 0.00	38.49 -0.83 0.00	37.24 -0.92 0.00	37.61 -0.96 0.00	39.18 -1.00 0.00	40.58 -1.04 0.00	47.28 -1.41 0.00	52.14 -1.39 0.00	53.55 -1.37 0.00	55.77 -1.37 0.00	59.47 -1.40 0.00	65.08 -1.26 0.00	73.92 -1.35 0.00	79.77 -1.63 0.00	79.30 -1.78 0.00	91.49 -2.06 0.00	99.29 -2.55 4.40	98.90 -2.32 0.00	89.98 -1.56 0.00	80.77 -1.48 0.00	73.93 -1.43 0.00	62.63 -1.35 0.00	55.80 -1.02 0.00
SITHE_IND_GS4 24172	46.60 -0.95 0.00	43.04 -0.84 0.00	38.49 -0.83 0.00	37.24 -0.92 0.00	37.61 -0.96 0.00	39.18 -1.00 0.00	40.58 -1.04 0.00	47.28 -1.41 0.00	52.14 -1.39 0.00	53.55 -1.37 0.00	55.77 -1.37 0.00	59.47 -1.40 0.00	65.08 -1.26 0.00	73.92 -1.35 0.00	79.77 -1.63 0.00	79.30 -1.78 0.00	91.49 -2.06 0.00	99.29 -2.55 4.40	98.90 -2.32 0.00	89.98 -1.56 0.00	80.77 -1.48 0.00	73.93 -1.43 0.00	62.63 -1.35 0.00	55.80 -1.02 0.00

SITHE___BATAVIA 24024	50.03 2.47 0.00	46.82 2.94 0.00	41.43 2.12 0.00	39.38 1.22 0.00	39.50 0.92 0.00	41.07 0.88 0.00	42.25 0.63 0.00	48.25 -0.44 0.00	53.91 0.38 0.00	55.91 0.99 0.00	58.46 1.32 0.00	62.69 1.82 0.00	69.52 3.18 0.00	78.88 3.61 0.00	84.41 3.01 0.00	83.28 2.19 0.00	96.07 2.53 0.00	108.58 2.33 0.00	104.16 2.94 0.00	96.30 4.76 0.00	85.95 3.70 0.00	79.13 3.77 0.00	67.17 3.20 0.00	61.14 4.32 0.00
SITHE___INDEPEND 23800	46.60 -0.95 0.00	43.04 -0.83 0.00	38.49 -0.83 0.00	37.24 -0.92 0.00	37.61 -0.96 0.00	39.18 -1.00 0.00	40.58 -1.04 0.00	47.28 -1.41 0.00	52.14 -1.39 0.00	53.54 -1.37 0.00	55.77 -1.37 0.00	59.46 -1.40 0.00	65.08 -1.26 0.00	73.92 -1.35 0.00	79.68 -1.71 0.00	79.30 -1.78 0.00	91.39 -2.15 0.00	99.29 -2.55 4.40	99.00 -2.23 0.00	89.98 -1.56 0.00	80.77 -1.48 0.00	73.86 -1.51 0.00	62.63 -1.34 0.00	55.80 -1.02 0.00
SITHE___MASSENA 23902	47.36 -0.19 0.00	43.66 -0.22 0.00	39.16 -0.16 0.00	38.00 -0.15 0.00	38.50 -0.08 0.00	40.03 -0.16 0.00	41.54 -0.08 0.00	49.08 0.39 0.00	53.91 0.38 0.00	55.25 0.33 0.00	57.38 0.23 0.00	61.11 0.24 0.00	66.27 -0.07 0.00	74.97 -0.30 0.00	80.74 -0.65 0.00	80.43 -0.65 0.00	92.70 -0.84 0.00	105.39 -0.85 0.00	100.22 -1.01 0.00	90.54 -1.00 0.00	81.17 -1.07 0.00	75.21 -0.15 0.00	64.30 0.32 0.00	56.82 0.00 0.00
SITHE___OGDNSBRG 24021	48.17 0.62 0.00	44.40 0.53 0.00	39.78 0.47 0.00	38.65 0.50 0.00	39.15 0.58 0.00	40.79 0.60 0.00	42.33 0.71 0.00	49.95 1.27 0.00	54.71 1.18 0.00	55.96 1.04 0.00	57.95 0.80 0.00	61.59 0.73 0.00	66.74 0.40 0.00	75.57 0.30 0.00	81.23 -0.16 0.00	80.60 -0.49 0.00	92.98 -0.56 0.00	106.14 -0.11 0.00	101.33 0.10 0.00	92.00 0.46 0.00	82.66 0.41 0.00	76.72 1.36 0.00	65.58 1.60 0.00	57.96 1.14 0.00
SITHE___STERLING 23777	49.31 1.76 0.00	45.45 1.58 0.00	40.65 1.34 0.00	39.41 1.26 0.00	39.81 1.23 0.00	41.59 1.41 0.00	43.12 1.50 0.00	50.39 1.70 0.00	55.62 2.09 0.00	57.00 2.09 0.00	59.32 2.17 0.00	63.23 2.37 0.00	69.12 2.79 0.00	78.73 3.46 0.00	84.41 3.01 0.00	84.00 2.91 0.00	97.19 3.64 0.00	110.50 4.25 0.00	105.68 4.45 0.00	96.12 4.58 0.00	86.28 4.03 0.00	78.91 3.54 0.00	66.54 2.56 0.00	59.21 2.39 0.00
SLEIGHT__34_KV_TB1 80719	48.51 0.95 0.00	45.02 1.14 0.00	40.06 0.75 0.00	38.42 0.27 0.00	38.73 0.15 0.00	40.31 0.12 0.00	41.75 0.12 0.00	48.35 -0.34 0.00	53.70 0.16 0.00	55.36 0.44 0.00	57.95 0.80 0.00	61.90 1.03 0.00	68.20 1.86 0.00	77.45 2.18 0.00	82.94 1.55 0.00	82.38 1.30 0.00	94.86 1.31 0.00	107.80 1.38 -0.18	102.75 1.52 0.00	94.10 2.56 0.00	84.22 1.97 0.00	77.10 1.73 0.00	65.45 1.47 0.00	58.81 1.99 0.00
SMITHTWN_69_KV_BK 1 55830	51.74 4.18 0.00	47.69 3.82 0.00	42.73 3.42 0.00	41.25 3.09 0.00	41.74 3.16 0.00	43.60 3.42 0.00	45.54 3.91 0.00	52.05 3.36 0.00	55.54 2.25 0.24	56.05 1.92 0.79	59.20 2.40 0.35	62.73 2.74 0.87	68.92 3.45 0.87	77.74 3.69 1.21	85.56 5.13 0.96	87.08 6.00 0.00	100.43 7.48 0.60	114.21 9.35 1.38	108.48 8.20 0.95	97.58 6.04 0.00	86.35 4.11 0.01	75.77 2.03 1.62	62.39 1.66 3.25	57.11 1.76 1.47
SOUTH CAIRO___GT 23612	46.82 1.81 2.54	44.14 1.49 1.23	40.53 1.22 0.00	39.41 1.26 0.00	39.85 1.27 0.00	41.55 1.37 0.00	42.70 1.58 0.51	47.29 1.51 2.90	50.43 1.45 4.55	51.11 1.21 5.02	53.00 1.03 5.17	55.47 1.03 6.43	59.10 1.13 8.36	65.41 1.66 11.51	69.60 2.03 13.82	69.48 2.11 13.72	78.06 2.62 18.10	87.35 3.72 22.61	84.77 4.45 20.91	94.47 4.39 1.47	86.58 4.36 0.02	67.16 3.39 11.60	58.96 2.50 7.52	53.90 2.16 5.08
SOUTH HAMPTN___IC 23720	52.02 4.47 0.00	48.19 4.30 -0.01	43.12 3.81 0.00	41.63 3.47 0.00	42.16 3.59 0.00	44.02 3.82 -0.01	45.96 4.33 -0.01	52.49 3.80 0.00	55.97 2.68 0.25	56.93 2.80 0.79	60.47 3.49 0.16	64.40 3.95 0.41	70.84 4.91 0.41	80.26 5.57 0.58	88.18 7.24 0.46	89.04 7.95 0.00	102.49 9.55 0.61	117.05 12.11 1.30	111.11 10.84 0.96	99.60 8.06 0.00	87.75 5.51 0.01	76.89 3.16 1.63	63.65 2.56 2.88	57.50 2.16 1.48
SOUTHDOWN_115KV_TB1 355954	50.46 2.90 0.00	47.30 3.42 0.00	42.03 2.71 0.00	39.87 1.72 0.00	39.77 1.20 0.00	41.63 1.45 0.00	43.16 1.54 0.00	49.42 0.73 0.00	55.25 1.71 0.00	57.61 2.69 0.00	60.00 2.86 0.00	64.70 3.83 0.00	71.98 5.64 0.00	81.82 6.55 0.00	86.44 5.05 0.00	85.87 4.78 0.00	98.78 5.24 0.00	110.70 4.46 0.00	106.39 5.16 0.00	98.13 6.59 0.00	87.92 5.68 0.00	80.34 4.97 0.00	69.03 5.05 0.00	62.85 6.02 0.00
SOUTHOLD_69_KV_BK 2 55809	53.40 5.85 0.00	49.27 5.40 0.00	44.11 4.80 0.00	42.54 4.39 0.00	43.13 4.55 0.00	44.97 4.78 0.00	46.95 5.33 0.00	53.66 4.97 0.00	57.79 4.50 0.25	58.57 4.45 0.79	62.30 5.31 0.16	66.41 5.96 0.41	73.09 7.16 0.41	82.82 8.13 0.58	90.95 10.01 0.46	91.87 10.78 0.00	105.94 13.00 0.60	120.66 15.72 1.30	114.34 14.07 0.96	102.43 10.89 0.00	89.97 7.73 0.01	78.93 5.20 1.63	65.12 4.03 2.88	58.98 3.64 1.48
SOUTHOLD___IC 23719	53.21 5.66 0.00	49.28 5.40 -0.01	44.11 4.79 0.00	42.54 4.39 0.00	43.13 4.55 0.00	44.98 4.78 -0.01	46.96 5.33 -0.01	53.66 4.97 0.00	57.47 4.18 0.25	58.57 4.45 0.79	62.30 5.32 0.16	66.42 5.97 0.41	73.09 7.17 0.41	82.82 8.13 0.58	91.03 10.09 0.46	91.87 10.79 0.00	105.66 12.72 0.60	120.56 15.62 1.30	114.34 14.07 0.96	102.43 10.89 0.00	89.97 7.73 0.01	78.86 5.13 1.63	65.12 4.03 2.88	58.81 3.47 1.48
SOUTH_FORK_WT_PWR 323839	53.35 5.80 0.00	49.41 5.53 -0.01	44.27 4.95 0.00	42.69 4.54 0.00	43.28 4.70 0.00	45.18 4.98 -0.01	47.13 5.49 -0.01	53.85 5.16 0.00	57.68 4.39 0.25	58.85 4.72 0.79	62.58 5.60 0.16	66.66 6.21 0.41	73.42 7.49 0.41	83.20 8.50 0.58	91.36 10.42 0.46	92.19 11.11 0.00	105.85 12.91 0.61	120.77 15.83 1.30	114.55 14.28 0.96	102.52 10.98 0.00	89.89 7.65 0.01	78.78 5.05 1.63	65.00 3.90 2.88	58.81 3.47 1.48
SPIERFLS_115KV_TB 1 80737	49.60 2.04 0.00	45.59 1.71 0.00	41.04 1.73 0.00	39.68 1.53 0.00	40.16 1.58 0.00	41.92 1.73 0.00	43.25 1.62 0.00	50.39 1.70 0.00	55.41 1.87 0.00	56.78 1.87 0.00	58.46 1.31 0.00	62.14 1.28 0.00	67.47 1.13 0.00	76.85 1.58 0.00	83.26 1.87 0.00	82.71 1.62 0.00	95.60 2.06 0.00	108.90 2.66 0.00	105.78 4.56 0.00	96.03 4.49 0.00	86.96 4.69 -0.02	78.91 3.54 0.00	66.54 2.56 0.00	58.98 2.16 0.00
ST LAWRENCE____ 23600	46.70 -0.85 0.00	43.09 -0.79 0.00	38.64 -0.67 0.00	37.51 -0.65 0.00	38.00 -0.58 0.00	39.54 -0.64 0.00	41.04 -0.58 0.00	48.40 -0.29 0.00	53.16 -0.37 0.00	54.47 -0.44 0.00	56.69 -0.46 0.00	60.31 -0.55 0.00	65.41 -0.93 0.00	74.06 -1.21 0.00	79.84 -1.55 0.00	79.71 -1.38 0.00	91.86 -1.68 0.00	104.44 -1.81 0.00	99.30 -1.93 0.00	89.53 -2.01 0.00	80.27 -1.97 0.00	74.24 -1.13 0.00	63.40 -0.58 0.00	55.97 -0.85 0.00

STATE_CA_115KV_115_LB 55624	48.22 0.67 0.00	44.45 0.57 0.00	39.90 0.59 0.00	38.80 0.65 0.00	39.23 0.66 0.00	40.87 0.68 0.00	42.33 0.71 0.00	49.22 0.54 0.00	54.02 0.48 0.00	55.36 0.44 0.00	57.55 0.40 0.00	61.23 0.37 0.00	66.67 0.33 0.00	75.87 0.60 0.00	82.45 1.06 0.00	82.14 1.05 0.00	94.76 1.22 0.00	107.84 1.59 0.00	103.05 1.82 0.00	93.19 1.65 0.00	84.02 1.81 0.03	76.19 0.83 0.00	64.36 0.38 0.00	57.28 0.45 0.00
STATE_ST_34_KV_LOAD 55959	48.55 1.00 0.00	44.84 0.97 0.00	40.06 0.75 0.00	38.61 0.46 0.00	39.00 0.42 0.00	40.63 0.44 0.00	42.08 0.46 0.00	48.98 0.29 0.00	54.12 0.59 0.00	55.52 0.60 0.00	57.95 0.80 0.00	61.90 1.03 0.00	67.86 1.53 0.00	77.23 1.96 0.00	83.02 1.63 0.00	82.63 1.54 0.00	95.14 1.59 0.00	108.54 1.91 -0.39	103.35 2.13 0.00	94.38 2.84 0.00	84.71 2.47 0.00	77.40 2.03 0.00	65.58 1.60 0.00	58.41 1.59 0.00
STATION_5_MISC_HYD 23604	48.98 1.43 0.00	45.68 1.80 0.00	40.49 1.18 0.00	38.73 0.57 0.00	38.92 0.35 0.00	40.47 0.28 0.00	41.87 0.25 0.00	48.20 -0.49 0.00	53.70 0.16 0.00	55.52 0.61 0.00	58.12 0.97 0.00	62.20 1.34 0.00	68.72 2.38 0.00	77.90 2.63 0.00	83.67 2.28 0.00	82.71 1.62 0.00	95.32 1.77 0.00	107.73 1.49 0.00	102.95 1.72 0.00	94.65 3.11 0.00	84.55 2.30 0.00	77.78 2.41 0.00	65.89 1.92 0.00	59.61 2.78 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	48.74 1.19 0.00	45.33 1.45 0.00	40.30 0.98 0.00	38.65 0.50 0.00	38.92 0.35 0.00	40.51 0.32 0.00	41.96 0.33 0.00	48.54 -0.15 0.00	53.86 0.32 0.00	55.52 0.60 0.00	58.06 0.91 0.00	62.02 1.16 0.00	68.39 2.06 0.00	77.68 2.41 0.00	83.10 1.71 0.00	82.54 1.46 0.00	94.95 1.40 0.00	107.79 1.38 -0.17	102.95 1.72 0.00	94.29 2.75 0.00	84.55 2.30 0.00	77.40 2.03 0.00	65.70 1.73 0.00	59.10 2.27 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	48.60 1.05 0.00	45.33 1.45 0.00	40.22 0.90 0.00	38.46 0.31 0.00	38.69 0.12 0.00	40.23 0.04 0.00	41.62 0.00 0.00	48.01 -0.68 0.00	53.48 -0.05 0.00	55.30 0.38 0.00	57.89 0.74 0.00	61.84 0.97 0.00	68.39 2.06 0.00	77.53 2.26 0.00	82.78 1.38 0.00	82.22 1.14 0.00	94.76 1.22 0.00	107.20 0.96 0.00	102.44 1.21 0.00	94.01 2.47 0.00	84.06 1.81 0.00	77.02 1.66 0.00	65.51 1.54 0.00	59.15 2.33 0.00
STA_56___34_KV_BUS2 355983	48.60 1.05 0.00	45.33 1.45 0.00	40.22 0.90 0.00	38.46 0.31 0.00	38.69 0.12 0.00	40.23 0.04 0.00	41.62 0.00 0.00	48.01 -0.05 0.00	53.48 -0.05 0.00	55.30 0.38 0.00	57.89 0.74 0.00	61.84 0.97 0.00	68.39 2.06 0.00	77.53 2.26 0.00	82.78 1.38 0.00	82.22 1.14 0.00	94.76 1.22 0.00	107.20 0.96 0.00	102.44 1.21 0.00	94.01 2.47 0.00	84.06 1.81 0.00	77.02 1.66 0.00	65.51 1.54 0.00	59.15 2.33 0.00
STA_67___115KV_BK2 355882	48.79 1.24 0.00	45.54 1.67 0.00	40.37 1.06 0.00	38.61 0.46 0.00	38.81 0.23 0.00	40.39 0.20 0.00	41.75 0.12 0.00	48.06 -0.63 0.00	53.48 -0.05 0.00	55.36 0.44 0.00	57.89 0.74 0.00	61.90 1.03 0.00	68.46 2.12 0.00	77.68 2.41 0.00	82.86 1.47 0.00	82.30 1.22 0.00	94.86 1.31 0.00	107.20 0.96 0.00	102.44 1.21 0.00	94.19 2.65 0.00	84.22 1.97 0.00	77.17 1.81 0.00	65.70 1.73 0.00	59.44 2.61 0.00
STA_7___115KV_9TRANS 80674	49.27 1.71 0.00	45.94 2.06 0.00	40.73 1.42 0.00	38.92 0.76 0.00	39.15 0.58 0.00	40.71 0.52 0.00	42.08 0.46 0.00	48.49 -0.19 0.00	54.02 0.48 0.00	55.96 1.04 0.00	58.57 1.43 0.00	62.63 1.77 0.00	69.32 2.99 0.00	78.51 3.24 0.00	83.67 2.28 0.00	83.19 2.11 0.00	95.79 2.25 0.00	108.47 2.23 0.00	103.66 2.43 0.00	95.20 3.66 0.00	85.04 2.80 0.00	78.08 2.71 0.00	66.34 2.37 0.00	59.95 3.13 0.00
STA_82___115KV_TB1 80780	48.79 1.24 0.00	45.54 1.67 0.00	40.41 1.10 0.00	38.65 0.50 0.00	38.85 0.27 0.00	40.39 0.20 0.00	41.75 0.12 0.00	48.06 -0.63 0.00	53.54 0.00 0.00	55.36 0.44 0.00	57.95 0.80 0.00	61.90 1.03 0.00	68.53 2.19 0.00	77.68 2.41 0.00	82.86 1.47 0.00	82.30 1.22 0.00	94.86 1.31 0.00	107.20 0.96 0.00	102.54 1.32 0.00	94.19 2.65 0.00	84.22 1.97 0.00	77.17 1.81 0.00	65.70 1.73 0.00	59.44 2.61 0.00
STEEL___WIND 323596	49.17 1.62 0.00	46.20 2.32 0.00	40.93 1.61 0.00	38.88 0.72 0.00	38.85 0.27 0.00	40.43 0.24 0.00	41.66 0.04 0.00	47.42 -1.27 0.00	53.16 -0.37 0.00	55.30 0.39 0.00	57.60 0.46 0.00	62.26 1.40 0.00	69.06 2.72 0.00	78.58 3.31 0.00	83.92 2.53 0.00	82.79 1.71 0.00	95.42 1.87 0.00	106.99 0.75 0.00	102.64 1.42 0.00	95.02 3.48 0.00	84.88 2.63 0.00	78.15 2.79 0.00	66.66 2.69 0.00	60.97 4.15 0.00
STEPHTWN_115KV_BK_2 55603	48.36 0.81 0.00	44.54 0.66 0.00	39.98 0.67 0.00	38.84 0.69 0.00	39.31 0.73 0.00	40.95 0.76 0.00	42.46 0.83 0.00	49.32 0.63 0.00	54.12 0.59 0.00	55.47 0.55 0.00	57.66 0.51 0.00	61.35 0.49 0.00	66.80 0.46 0.00	76.02 0.75 0.00	82.61 1.22 0.00	82.30 1.22 0.00	95.04 1.50 0.00	108.15 1.91 0.00	103.56 2.33 0.00	93.65 2.11 0.00	84.35 2.14 0.04	76.57 1.21 0.00	64.62 0.64 0.00	57.45 0.63 0.00
STEBEN_REC_LFGE 323667	50.17 2.62 0.00	46.73 2.85 0.00	41.67 2.36 0.00	39.80 1.64 0.00	39.85 1.27 0.00	41.59 1.41 0.00	43.04 1.42 0.00	49.86 1.17 0.00	55.14 1.61 0.00	56.67 1.76 0.00	59.03 1.89 0.00	63.42 2.56 0.00	70.19 3.85 0.00	79.94 4.67 0.00	84.89 3.50 0.00	84.33 3.24 0.00	97.38 3.84 0.00	110.28 4.04 0.00	105.99 4.76 0.00	98.13 6.59 0.00	88.33 6.09 0.00	80.87 5.50 0.00	69.03 5.05 0.00	62.39 5.57 0.00
STILLWATER___SOLAR 323814	49.74 2.19 0.00	45.85 1.98 0.00	41.16 1.85 0.00	39.87 1.72 0.00	40.31 1.74 0.00	42.08 1.89 0.00	43.50 1.87 0.00	50.64 1.95 0.00	55.57 2.03 0.00	56.89 1.97 0.00	58.92 1.77 0.00	62.63 1.77 0.00	68.19 1.85 0.00	77.61 2.34 0.00	84.24 2.85 0.00	83.76 2.67 0.00	96.82 3.27 0.00	110.28 4.04 0.00	106.19 4.96 0.00	96.21 4.67 0.00	86.97 4.69 -0.04	78.83 3.47 0.00	66.60 2.62 0.00	59.21 2.39 0.00
STONY___BROOK 24151	51.50 3.94 0.00	47.66 3.77 -0.01	42.69 3.38 0.00	41.21 3.05 0.00	41.70 3.12 0.00	43.57 3.38 -0.01	45.50 3.87 -0.01	52.00 3.31 0.00	55.16 1.87 0.24	56.00 1.87 0.79	59.18 2.29 0.25	62.78 2.56 0.63	68.96 3.25 0.63	77.69 3.31 0.89	85.49 4.80 0.70	86.60 5.52 0.00	99.68 6.74 0.60	113.72 8.81 1.34	108.07 7.80 0.95	97.12 5.58 0.00	85.85 3.61 0.01	75.32 1.59 1.63	62.45 1.53 3.06	56.88 1.53 1.47
STURGEON_POOL_HYD 23609	49.61 2.62 0.56	45.89 2.28 0.27	41.28 1.97 0.00	40.10 1.95 0.00	40.47 1.89 0.00	42.24 2.05 0.00	43.93 2.41 0.11	50.44 2.39 0.64	55.00 2.46 1.00	56.28 2.47 1.10	58.58 2.57 1.14	62.06 2.62 1.42	67.61 3.12 1.84	76.50 3.76 2.53	82.99 4.64 3.04	83.09 5.03 3.02	95.45 5.89 3.99	108.17 6.91 4.98	102.70 6.07 4.60	96.53 5.31 0.32	87.18 4.93 0.00	76.13 3.32 2.55	64.75 2.43 1.65	58.26 2.56 1.12

ST_LAW_115_BK7_LBMP 345037	46.70 -0.85 0.00	43.09 -0.79 0.00	38.64 -0.67 0.00	37.51 -0.65 0.00	38.00 -0.58 0.00	39.54 -0.64 0.00	41.00 -0.62 0.00	48.40 -0.29 0.00	53.16 -0.37 0.00	54.47 -0.44 0.00	56.63 -0.52 0.00	60.31 -0.55 0.00	65.41 -0.93 0.00	73.99 -1.28 0.00	79.77 -1.63 0.00	79.54 -1.54 0.00	91.77 -1.78 0.00	104.33 -1.91 0.00	99.20 -2.02 0.00	89.44 0.00 0.00	80.19 -2.05 0.00	74.24 -1.13 0.00	63.40 -0.58 0.00	55.97 -0.85 0.00
ST_LAW_115_BK8_LBMP 345038	46.70 -0.85 0.00	43.09 -0.79 0.00	38.64 -0.67 0.00	37.51 -0.65 0.00	38.00 -0.58 0.00	39.54 -0.64 0.00	41.00 -0.62 0.00	48.40 -0.29 0.00	53.16 -0.37 0.00	54.47 -0.44 0.00	56.63 -0.52 0.00	60.31 -0.55 0.00	65.41 -0.93 0.00	73.99 -1.28 0.00	79.77 -1.63 0.00	79.54 -1.54 0.00	91.77 -1.78 0.00	104.33 -1.91 0.00	99.20 -2.02 0.00	89.44 -2.10 0.00	80.19 -2.05 0.00	74.24 -1.13 0.00	63.40 -0.58 0.00	55.97 -0.85 0.00
ST_LAW_230_BK5_LBMP 345035	46.70 -0.85 0.00	43.09 -0.79 0.00	38.64 -0.67 0.00	37.51 -0.65 0.00	38.00 -0.58 0.00	39.54 -0.64 0.00	41.04 -0.58 0.00	48.40 -0.29 0.00	53.16 -0.37 0.00	54.47 -0.44 0.00	56.69 -0.46 0.00	60.31 -0.55 0.00	65.41 -0.93 0.00	74.06 -1.21 0.00	79.84 -1.55 0.00	79.71 -1.38 0.00	91.86 -1.68 0.00	104.44 -1.81 0.00	99.30 -1.93 0.00	89.53 -2.01 0.00	80.27 -1.97 0.00	74.24 -1.13 0.00	63.40 -0.58 0.00	55.97 -0.85 0.00
ST_LAW_230_BK6_LBMP 345036	46.70 -0.85 0.00	43.09 -0.79 0.00	38.64 -0.67 0.00	37.51 -0.65 0.00	38.00 -0.58 0.00	39.54 -0.64 0.00	41.04 -0.58 0.00	48.40 -0.29 0.00	53.16 -0.37 0.00	54.47 -0.44 0.00	56.69 -0.46 0.00	60.31 -0.55 0.00	65.41 -0.93 0.00	74.06 -1.21 0.00	79.84 -1.55 0.00	79.71 -1.38 0.00	91.86 -1.68 0.00	104.44 -1.81 0.00	99.30 -1.93 0.00	89.53 -2.01 0.00	80.27 -1.97 0.00	74.24 -1.13 0.00	63.40 -0.58 0.00	55.97 -0.85 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	49.84 2.28 0.00	45.81 1.93 0.00	41.12 1.81 0.00	39.91 1.76 0.00	40.23 1.66 0.00	42.00 1.81 0.00	43.75 2.12 0.00	50.73 2.04 0.00	55.57 2.03 0.00	56.95 2.03 0.00	59.26 2.11 0.00	62.99 2.13 0.00	68.93 2.59 0.00	78.36 3.09 0.00	85.30 3.91 0.00	85.38 4.30 0.00	98.50 4.96 0.00	112.09 5.84 0.00	106.29 5.06 0.00	95.93 4.39 0.00	86.52 4.28 0.00	78.00 2.64 0.00	65.83 1.86 0.00	58.87 2.05 0.00
SWANROAD_115KV_TB1 355699	48.17 0.62 0.00	45.50 1.62 0.00	40.26 0.94 0.00	38.23 0.08 0.00	38.19 -0.39 0.00	39.75 -0.44 0.00	40.46 -1.17 0.00	45.72 -2.97 0.00	51.29 -2.25 0.00	53.38 -1.54 0.00	55.60 -1.54 0.00	59.83 -1.03 0.00	66.60 0.27 0.00	75.65 0.38 0.00	80.09 -1.30 0.00	79.46 -1.62 0.00	91.68 -1.87 0.00	102.84 -3.40 0.00	98.60 -2.63 0.00	91.27 -0.27 0.00	81.67 -0.58 0.00	74.76 -0.60 0.00	64.30 0.32 0.00	59.21 2.39 0.00
SYNERGY___BIOGAS 323694	49.93 2.38 0.00	46.82 2.94 0.00	41.44 2.12 0.00	39.38 1.22 0.00	39.46 0.89 0.00	41.07 0.88 0.00	42.25 0.62 0.00	48.25 -0.44 0.00	53.91 0.37 0.00	55.90 0.99 0.00	58.46 1.31 0.00	62.57 1.70 0.00	69.52 3.18 0.00	78.88 3.61 0.00	83.75 2.36 0.00	83.11 2.03 0.00	95.88 2.34 0.00	108.37 2.12 0.00	103.96 2.73 0.00	96.12 4.58 0.00	85.87 3.62 0.00	78.68 3.32 0.00	67.18 3.20 0.00	61.14 4.32 0.00
SYRACUSE___ENERGY_ST1 323597	47.70 0.14 0.00	44.01 0.13 0.00	39.35 0.04 0.00	38.04 -0.11 0.00	38.42 -0.15 0.00	40.03 -0.16 0.00	41.46 -0.17 0.00	48.30 -0.39 0.00	53.37 -0.16 0.00	54.75 -0.16 0.00	57.09 -0.06 0.00	60.98 0.12 0.00	66.74 0.40 0.00	75.95 0.68 0.00	81.80 0.41 0.00	81.33 0.24 0.00	93.73 0.19 0.00	106.85 0.11 -0.50	101.53 0.30 0.00	92.46 0.92 0.00	82.99 0.74 0.00	75.82 0.45 0.00	64.23 0.26 0.00	57.22 0.40 0.00
SYRACUSE___ENERGY_ST2 323598	47.70 0.14 0.00	44.01 0.13 0.00	39.35 0.04 0.00	38.04 -0.11 0.00	38.42 -0.15 0.00	40.03 -0.16 0.00	41.46 -0.17 0.00	48.30 -0.39 0.00	53.37 -0.16 0.00	54.75 -0.16 0.00	57.09 -0.06 0.00	60.98 0.12 0.00	66.74 0.40 0.00	75.95 0.68 0.00	81.80 0.41 0.00	81.33 0.24 0.00	93.73 0.19 0.00	106.85 0.11 -0.50	101.53 0.30 0.00	92.46 0.92 0.00	82.99 0.74 0.00	75.82 0.45 0.00	64.23 0.26 0.00	57.22 0.40 0.00
SYRACUSE___POWER 24017	47.74 0.19 0.00	44.05 0.18 0.00	39.43 0.12 0.00	38.12 -0.04 0.00	38.50 -0.08 0.00	40.11 -0.08 0.00	41.54 -0.08 0.00	48.40 -0.29 0.00	53.48 -0.05 0.00	54.86 -0.05 0.00	57.26 0.11 0.00	61.11 0.24 0.00	66.94 0.60 0.00	76.17 0.90 0.00	82.04 0.65 0.00	81.57 0.49 0.00	94.01 0.47 0.00	106.82 0.42 -0.15	101.83 0.61 0.00	92.73 1.19 0.00	83.23 0.99 0.00	76.04 0.68 0.00	64.36 0.38 0.00	57.39 0.57 0.00
TALLMAN_138KV_BK151 55660	50.17 2.62 0.00	46.12 2.24 0.00	41.44 2.12 0.00	40.14 1.98 0.00	40.47 1.89 0.00	42.24 2.05 0.00	44.08 2.46 0.00	51.07 2.39 0.00	55.94 2.41 0.00	57.39 2.47 0.00	59.66 2.51 0.00	63.42 2.56 0.00	69.39 3.05 0.00	78.88 3.61 0.00	85.95 4.56 0.00	86.19 5.11 0.00	99.44 5.89 0.00	113.04 6.80 0.00	107.10 5.87 0.00	96.57 5.03 0.00	87.02 4.77 0.00	78.38 3.01 0.00	66.09 2.11 0.00	59.10 2.27 0.00
TEALLAVE_115KV_TB7 355573	47.60 0.05 0.00	43.97 0.09 0.00	39.31 0.00 0.00	38.00 -0.15 0.00	38.38 -0.19 0.00	39.99 -0.20 0.00	41.42 -0.21 0.00	48.25 -0.44 0.00	53.32 -0.21 0.00	54.81 -0.11 0.00	57.15 0.00 0.00	60.98 0.12 0.00	66.80 0.46 0.00	76.02 0.75 0.00	81.80 0.41 0.00	81.33 0.24 0.00	93.73 0.19 0.00	106.49 0.11 -0.14	101.43 0.20 0.00	92.36 0.82 0.00	82.90 0.66 0.00	75.74 0.38 0.00	64.17 0.19 0.00	57.22 0.40 0.00
TELGRAPH_34_KV_EAST 80808	48.98 1.43 0.00	46.07 2.19 0.00	40.77 1.45 0.00	38.73 0.57 0.00	38.73 0.15 0.00	40.31 0.12 0.00	41.29 -0.33 0.00	46.94 -1.75 0.00	52.57 -0.96 0.00	54.70 -0.22 0.00	57.03 -0.11 0.00	61.29 0.43 0.00	68.06 1.72 0.00	77.30 2.03 0.00	81.96 0.57 0.00	81.33 0.24 0.00	93.83 0.28 0.00	105.50 -0.74 0.00	101.23 0.00 0.00	93.55 2.01 0.00	83.73 1.48 0.00	76.65 1.28 0.00	65.70 1.73 0.00	60.23 3.41 0.00
TEMPLE___115KV_TB 2 55572	47.65 0.10 0.00	44.01 0.13 0.00	39.35 0.04 0.00	38.04 -0.11 0.00	38.38 -0.19 0.00	40.03 -0.16 0.00	41.42 -0.21 0.00	48.25 -0.44 0.00	53.37 -0.16 0.00	54.81 -0.11 0.00	57.15 0.00 0.00	61.05 0.18 0.00	66.87 0.53 0.00	76.02 0.75 0.00	81.88 0.49 0.00	81.41 0.32 0.00	93.83 0.28 0.00	106.35 0.11 0.00	101.53 0.30 0.00	92.36 0.82 0.00	82.90 0.66 0.00	75.82 0.45 0.00	64.23 0.26 0.00	57.22 0.40 0.00
TIANA____69_KV_BK 1 55817	51.93 4.37 0.00	47.96 4.08 0.00	42.93 3.62 0.00	41.44 3.28 0.00	41.97 3.39 0.00	43.80 3.62 0.00	45.74 4.12 0.00	52.24 3.55 0.00	56.02 2.73 0.25	56.54 2.42 0.79	60.07 3.09 0.16	63.92 3.47 0.41	70.31 4.38 0.41	79.66 4.97 0.58	87.45 6.51 0.46	88.46 7.38 0.00	102.11 9.17 0.60	116.31 11.37 1.30	110.39 10.12 0.96	99.05 7.51 0.00	87.34 5.10 0.01	76.59 2.86 1.63	63.40 2.30 2.88	57.39 2.05 1.48

TILDEN___115KV_TB1 80814	47.74 0.19 0.00	44.05 0.18 0.00	39.43 0.12 0.00	38.12 -0.04 0.00	38.50 -0.08 0.00	40.11 -0.08 0.00	41.54 -0.08 0.00	48.40 -0.29 0.00	53.48 -0.05 0.00	54.86 -0.05 0.00	57.26 0.11 0.00	61.11 0.24 0.00	66.94 0.60 0.00	76.17 0.90 0.00	82.04 0.65 0.00	81.57 0.49 0.00	94.01 0.47 0.00	106.82 0.42 -0.15	101.83 0.61 0.00	92.73 1.19 0.00	83.23 0.99 0.00	76.04 0.68 0.00	64.36 0.38 0.00	57.39 0.57 0.00
TRIGEN___CC 323695	51.26 3.71 0.00	47.21 3.33 0.00	42.34 3.03 0.00	40.94 2.79 0.00	41.39 2.82 0.00	43.20 3.01 0.00	45.08 3.45 0.00	51.76 3.07 0.00	55.83 2.36 0.06	56.87 2.14 0.19	59.72 2.57 0.00	63.60 2.74 0.00	69.72 3.38 0.00	79.11 3.84 0.00	86.52 5.13 0.00	86.92 5.84 0.00	100.56 7.02 0.00	114.74 8.50 0.00	108.62 7.39 0.00	97.31 5.77 0.00	86.85 4.61 0.01	77.62 2.64 0.39	65.63 1.79 0.14	58.47 1.99 0.34
TRINITY__115KV__4 BK 55933	48.03 0.48 0.00	44.27 0.39 0.00	39.75 0.43 0.00	38.65 0.50 0.00	39.08 0.50 0.00	40.71 0.52 0.00	42.21 0.58 0.00	49.03 0.34 0.00	53.75 0.21 0.00	55.08 0.16 0.00	57.26 0.11 0.00	60.86 0.00 0.00	66.40 0.07 0.00	75.42 0.15 0.00	81.96 0.57 0.00	81.73 0.65 0.00	94.39 0.84 0.00	107.30 1.06 0.00	102.54 1.32 0.00	92.73 1.19 0.00	83.61 1.40 0.04	75.82 0.45 0.00	64.04 0.06 0.00	56.99 0.17 0.00
UNION___PROCESSING_DRP 323587	48.79 1.24 0.00	45.54 1.67 0.00	40.41 1.10 0.00	38.65 0.50 0.00	38.85 0.27 0.00	40.39 0.20 0.00	41.79 0.17 0.00	48.10 -0.58 0.00	53.54 0.00 0.00	55.41 0.49 0.00	57.95 0.80 0.00	61.96 1.10 0.00	68.53 2.19 0.00	77.68 2.41 0.00	82.86 1.47 0.00	82.38 1.30 0.00	94.86 1.31 0.00	107.30 1.06 0.00	102.54 1.32 0.00	94.19 2.65 0.00	84.30 2.06 0.00	77.25 1.88 0.00	65.77 1.79 0.00	59.44 2.61 0.00
UPPER HUDSON___HYD 24058	49.60 2.04 0.00	45.59 1.71 0.00	41.04 1.73 0.00	39.68 1.53 0.00	40.16 1.58 0.00	41.91 1.73 0.00	43.24 1.62 0.00	50.39 1.70 0.00	55.41 1.87 0.00	56.78 1.87 0.00	58.46 1.32 0.00	62.14 1.28 0.00	67.46 1.13 0.00	76.85 1.58 0.00	83.34 1.95 0.00	82.71 1.62 0.00	95.51 1.97 0.00	108.90 2.66 0.00	105.79 4.56 0.00	96.02 4.48 0.00	86.96 4.69 -0.02	78.91 3.54 0.00	66.54 2.56 0.00	58.98 2.16 0.00
UPPER RAQUET___HYD 24056	47.41 -0.14 0.00	43.75 -0.13 0.00	39.20 -0.12 0.00	38.04 -0.11 0.00	38.58 0.00 0.00	40.19 0.00 0.00	41.66 0.04 0.00	49.28 0.59 0.00	54.18 0.64 0.00	55.47 0.55 0.00	57.55 0.40 0.00	61.23 0.37 0.00	66.40 0.07 0.00	75.12 -0.15 0.00	80.50 -0.89 0.00	79.78 -1.30 0.00	91.77 -1.78 0.00	104.54 -1.70 0.00	99.60 -1.62 0.00	90.26 -1.28 0.00	80.85 -1.40 0.00	74.91 -0.45 0.00	64.36 0.39 0.00	57.11 0.29 0.00
VALLEY44_115KV_TB2 355964	48.41 0.86 0.00	45.33 1.45 0.00	40.45 1.14 0.00	38.46 0.31 0.00	38.27 -0.31 0.00	39.91 -0.28 0.00	41.29 -0.33 0.00	47.28 -1.41 0.00	52.79 -0.75 0.00	54.92 0.00 0.00	57.15 0.00 0.00	61.65 0.79 0.00	68.46 2.12 0.00	77.45 2.18 0.00	82.12 0.73 0.00	81.73 0.65 0.00	94.20 0.65 0.00	105.92 -0.32 0.00	101.53 0.30 0.00	93.55 2.01 0.00	84.22 1.97 0.00	77.17 1.81 0.00	66.47 2.50 0.00	60.35 3.52 0.00
VALLEY___115KV_TB 1-4 80826	47.70 0.14 0.00	43.97 0.09 0.00	39.39 0.08 0.00	38.27 0.11 0.00	38.69 0.12 0.00	40.39 0.20 0.00	41.87 0.25 0.00	48.93 0.24 0.00	53.86 0.32 0.00	55.25 0.33 0.00	57.43 0.29 0.00	61.17 0.30 0.00	66.67 0.33 0.00	75.80 0.53 0.00	81.64 0.24 0.00	81.33 0.24 0.00	93.83 0.28 0.00	106.56 0.32 0.00	101.63 0.40 0.00	91.91 0.37 0.00	82.66 0.41 0.00	75.59 0.23 0.00	64.04 0.06 0.00	56.99 0.17 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	50.12 2.57 0.00	46.20 2.33 0.00	41.36 2.04 0.00	40.29 2.14 0.00	40.74 2.16 0.00	42.48 2.29 0.00	43.95 2.33 0.00	51.17 2.48 0.00	56.43 2.89 0.00	57.99 3.08 0.00	60.23 3.09 0.00	64.21 3.35 0.00	70.19 3.85 0.00	79.86 4.59 0.00	85.79 4.40 0.00	85.46 4.38 0.00	98.69 5.15 0.00	111.98 5.74 0.00	106.90 5.67 0.00	96.94 5.40 0.00	87.26 5.02 0.00	79.58 4.22 0.00	67.11 3.13 0.00	59.83 3.01 0.00
VISCHER___FERRY HYD 24020	49.17 1.62 0.00	45.32 1.45 0.00	40.69 1.38 0.00	39.45 1.30 0.00	39.89 1.31 0.00	41.63 1.44 0.00	43.12 1.50 0.00	50.15 1.46 0.00	54.98 1.45 0.00	56.29 1.37 0.00	58.46 1.32 0.00	62.14 1.28 0.00	67.80 1.46 0.00	77.00 1.73 0.00	83.75 2.36 0.00	83.44 2.35 0.00	96.45 2.90 0.00	109.74 3.50 0.00	105.28 4.05 0.00	95.21 3.67 0.00	85.93 3.61 -0.07	77.78 2.41 0.00	65.70 1.73 0.00	58.47 1.65 0.00
V_A_10_SYNC_DSASP 323832	48.17 0.62 0.00	45.33 1.45 0.00	40.14 0.83 0.00	38.27 0.11 0.00	38.31 -0.27 0.00	39.83 -0.36 0.00	41.04 -0.58 0.00	46.74 -1.95 0.00	52.25 -1.28 0.00	54.26 -0.66 0.00	56.57 -0.57 0.00	60.74 -0.12 0.00	67.40 1.06 0.00	76.55 1.28 0.00	81.31 -0.08 0.00	80.76 -0.32 0.00	93.17 -0.37 0.00	104.44 -1.81 0.00	99.91 -1.32 0.00	92.46 0.92 0.00	82.74 0.49 0.00	75.82 0.45 0.00	64.94 0.96 0.00	59.44 2.61 0.00
V_CMM_10_SYNC_DSASP 323787	46.89 -0.67 0.00	43.26 -0.61 0.00	38.84 -0.47 0.00	37.66 -0.50 0.00	38.15 -0.42 0.00	39.71 -0.48 0.00	41.21 -0.42 0.00	48.59 -0.10 0.00	53.38 -0.16 0.00	54.75 -0.16 0.00	56.92 -0.23 0.00	60.62 -0.24 0.00	65.74 -0.60 0.00	74.37 -0.90 0.00	80.17 -1.22 0.00	79.95 -1.14 0.00	92.15 -1.40 0.00	104.75 -1.49 0.00	99.51 -1.72 0.00	89.80 -1.74 0.00	80.52 -1.73 0.00	74.54 -0.83 0.00	63.66 -0.32 0.00	56.25 -0.57 0.00
V_CMP_10_SYNC_DSASP 323788	46.41 -1.14 0.00	42.91 -0.97 0.00	38.49 -0.83 0.00	37.39 -0.76 0.00	37.96 -0.62 0.00	39.50 -0.68 0.00	41.08 -0.54 0.00	48.20 -0.49 0.00	53.00 -0.54 0.00	54.31 -0.60 0.00	56.52 -0.63 0.00	60.14 -0.73 0.00	65.21 -1.13 0.00	73.77 -1.50 0.00	79.60 -1.79 0.00	79.38 -1.71 0.00	91.58 -1.97 0.00	104.33 -1.91 0.00	99.10 -2.13 0.00	89.80 -1.74 0.00	80.44 -1.81 0.00	74.31 -1.06 0.00	63.27 -0.70 0.00	55.74 -1.08 0.00
V_D_10_SYNC_DSASP 323841	47.32 -0.24 0.00	43.66 -0.22 0.00	39.16 -0.16 0.00	38.00 -0.15 0.00	38.50 -0.08 0.00	40.03 -0.16 0.00	41.54 -0.08 0.00	49.08 0.39 0.00	53.91 0.38 0.00	55.25 0.33 0.00	57.38 0.23 0.00	61.11 0.24 0.00	66.27 -0.07 0.00	74.97 -0.30 0.00	80.74 -0.65 0.00	80.43 -0.65 0.00	92.70 -0.84 0.00	105.39 -0.85 0.00	100.22 -1.01 0.00	90.54 -1.00 0.00	81.17 -1.07 0.00	75.21 -0.15 0.00	64.23 0.26 0.00	56.82 0.00 0.00
V_E_10_SYNC_DSASP 323830	52.26 4.71 0.00	48.18 4.30 0.00	43.01 3.69 0.00	41.74 3.59 0.00	42.12 3.55 0.00	44.21 4.02 0.00	45.99 4.37 0.00	53.60 4.92 0.00	59.16 5.62 0.00	60.57 5.66 0.00	62.75 5.60 0.00	67.07 6.21 0.00	73.44 7.10 0.00	83.85 8.58 0.00	88.88 7.48 0.00	88.30 7.21 0.00	102.44 8.89 0.00	116.76 10.52 0.00	112.66 11.44 0.00	102.98 11.44 0.00	92.69 10.45 0.00	84.86 9.50 0.00	71.20 7.23 0.00	63.52 6.70 0.00

V_F_30_NSYNC___DSASP 323816	49.84 2.28 0.00	45.90 2.02 0.00	41.24 1.93 0.00	39.95 1.79 0.00	40.39 1.81 0.00	42.12 1.93 0.00	43.54 1.92 0.00	50.69 2.00 0.00	55.68 2.14 0.00	57.00 2.09 0.00	59.09 1.94 0.00	62.81 1.95 0.00	68.40 2.06 0.00	77.83 2.56 0.00	84.41 3.01 0.00	83.92 2.84 0.00	97.01 3.46 0.00	110.50 4.25 0.00	106.29 5.06 0.00	96.39 4.85 0.00	87.05 4.77 -0.03	78.98 3.62 0.00	66.73 2.75 0.00	59.32 2.50 0.00
V_F_30_SYNC_DSASP 323786	48.22 0.67 0.00	44.45 0.57 0.00	39.90 0.59 0.00	38.77 0.61 0.00	39.23 0.66 0.00	40.87 0.68 0.00	42.33 0.71 0.00	49.18 0.49 0.00	54.02 0.48 0.00	55.36 0.44 0.00	57.55 0.40 0.00	61.23 0.37 0.00	66.67 0.33 0.00	75.87 0.60 0.00	82.45 1.06 0.00	82.14 1.05 0.00	94.76 1.22 0.00	107.73 1.49 0.00	103.05 1.82 0.00	93.19 1.65 0.00	83.94 1.73 0.03	76.19 0.83 0.00	64.36 0.38 0.00	57.28 0.45 0.00
V_XM_10_SYNC_DSASP 323789	46.41 -1.14 0.00	42.91 -0.97 0.00	38.49 -0.83 0.00	37.39 -0.76 0.00	37.96 -0.62 0.00	39.50 -0.68 0.00	41.08 -0.54 0.00	48.20 -0.49 0.00	53.00 -0.54 0.00	54.31 -0.60 0.00	56.52 -0.63 0.00	60.14 -0.73 0.00	65.21 -1.13 0.00	73.77 -1.50 0.00	79.60 -1.79 0.00	79.38 -1.71 0.00	91.58 -1.97 0.00	104.33 -1.91 0.00	99.10 -2.13 0.00	89.80 -1.74 0.00	80.44 -1.81 0.00	74.31 -1.06 0.00	63.27 -0.70 0.00	55.74 -1.08 0.00
W.BABYLN_69_KV_BK1 56697	52.21 4.66 0.00	48.13 4.26 0.00	43.13 3.81 0.00	41.63 3.47 0.00	42.12 3.55 0.00	43.97 3.78 0.00	45.95 4.33 0.00	52.54 3.85 0.00	56.21 2.89 0.22	56.80 2.58 0.70	60.02 2.97 0.09	63.91 3.29 0.24	70.22 4.11 0.24	79.38 4.44 0.33	86.91 5.78 0.26	87.73 6.65 0.00	101.27 8.23 0.51	115.26 10.09 1.08	109.43 9.01 0.81	98.41 6.87 0.00	87.26 5.02 0.01	77.01 3.09 1.44	63.98 2.37 2.37	57.90 2.39 1.31
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.36 2.81 0.00	46.33 2.46 0.00	41.59 2.28 0.00	40.29 2.14 0.00	40.62 2.04 0.00	42.40 2.21 0.00	44.25 2.62 0.00	51.27 2.58 0.00	56.21 2.68 0.00	57.66 2.75 0.00	59.95 2.80 0.00	63.66 2.80 0.00	69.66 3.32 0.00	79.18 3.91 0.00	86.28 4.88 0.00	86.52 5.43 0.00	99.81 6.27 0.00	113.57 7.33 0.00	107.50 6.28 0.00	96.94 5.40 0.00	87.43 5.18 0.00	78.68 3.32 0.00	66.34 2.37 0.00	59.32 2.50 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.74 3.19 0.00	46.64 2.76 0.00	41.83 2.52 0.00	40.52 2.37 0.00	40.89 2.31 0.00	42.72 2.53 0.00	44.66 3.04 0.00	51.76 3.07 0.00	56.69 3.16 0.00	58.10 3.19 0.00	60.46 3.31 0.00	64.27 3.41 0.00	70.32 3.98 0.00	79.79 4.52 0.00	87.17 5.78 0.00	87.49 6.41 0.00	100.94 7.39 0.00	114.74 8.50 0.00	108.41 7.19 0.00	97.67 6.13 0.00	88.00 5.76 0.00	78.83 3.47 0.00	66.47 2.50 0.00	59.61 2.78 0.00
W50THST__13_KV_LOAD 356117	51.03 3.47 0.00	46.90 3.03 0.00	42.06 2.75 0.00	40.75 2.59 0.00	41.12 2.55 0.00	42.96 2.77 0.00	44.95 3.33 0.00	52.15 3.46 0.00	57.12 3.59 0.00	58.60 3.68 0.00	60.92 3.77 0.00	64.82 3.96 0.00	70.92 4.58 0.00	80.54 5.27 0.00	87.90 6.51 0.00	88.22 7.14 0.00	101.78 8.23 0.00	115.70 9.46 0.00	109.22 8.00 0.00	98.31 6.77 0.00	88.58 6.33 0.00	79.36 3.99 0.00	66.92 2.94 0.00	60.00 3.18 0.00
WADING RIVER_IC_1 23522	50.93 3.38 0.00	47.18 3.29 -0.01	42.22 2.91 0.00	40.75 2.60 0.00	41.27 2.70 0.00	43.13 2.93 -0.01	45.05 3.41 -0.01	51.41 2.72 0.00	54.63 1.34 0.25	55.44 1.32 0.79	58.76 1.77 0.16	62.53 2.07 0.41	68.72 2.79 0.41	77.79 3.09 0.57	85.50 4.56 0.45	86.43 5.35 0.00	99.49 6.55 0.61	113.65 8.71 1.30	107.96 7.69 0.96	96.94 5.40 0.00	85.61 3.37 0.01	75.01 1.28 1.64	62.31 1.21 2.88	56.20 0.85 1.48
WADING RIVER_IC_2 23547	50.93 3.38 0.00	47.18 3.29 -0.01	42.22 2.91 0.00	40.75 2.60 0.00	41.27 2.70 0.00	43.13 2.93 -0.01	45.05 3.41 -0.01	51.41 2.72 0.00	54.63 1.34 0.25	55.44 1.32 0.79	58.76 1.77 0.16	62.53 2.07 0.41	68.72 2.79 0.41	77.79 3.09 0.57	85.50 4.56 0.45	86.43 5.35 0.00	99.49 6.55 0.61	113.65 8.71 1.30	107.96 7.69 0.96	96.94 5.40 0.00	85.61 3.37 0.01	75.01 1.28 1.64	62.31 1.21 2.88	56.20 0.85 1.48
WADING RIVER_IC_3 23601	50.93 3.38 0.00	47.18 3.29 -0.01	42.22 2.91 0.00	40.75 2.60 0.00	41.27 2.70 0.00	43.13 2.93 -0.01	45.05 3.41 -0.01	51.41 2.72 0.00	54.63 1.34 0.25	55.44 1.32 0.79	58.76 1.77 0.16	62.53 2.07 0.41	68.72 2.79 0.41	77.79 3.09 0.57	85.50 4.56 0.45	86.43 5.35 0.00	99.49 6.55 0.61	113.65 8.71 1.30	107.96 7.69 0.96	96.94 5.40 0.00	85.61 3.37 0.01	75.01 1.28 1.64	62.31 1.21 2.88	56.20 0.85 1.48
WALDENNY_12_KV_BK2 80841	49.17 1.62 0.00	46.29 2.41 0.00	41.00 1.69 0.00	38.92 0.76 0.00	38.88 0.31 0.00	40.51 0.32 0.00	41.71 0.08 0.00	47.47 -1.22 0.00	53.21 -0.32 0.00	55.41 0.49 0.00	57.77 0.63 0.00	62.20 1.34 0.00	69.19 2.85 0.00	78.81 3.54 0.00	83.43 2.03 0.00	82.87 1.78 0.00	95.51 1.96 0.00	107.09 0.85 0.00	102.75 1.52 0.00	94.93 3.39 0.00	84.88 2.63 0.00	77.70 2.34 0.00	66.66 2.69 0.00	61.03 4.20 0.00
WALDEN__HYDRO 24148	50.07 2.52 0.00	46.03 2.15 0.00	41.32 2.00 0.00	40.10 1.95 0.00	40.43 1.85 0.00	42.20 2.01 0.00	43.95 2.33 0.00	50.93 2.24 0.00	55.89 2.36 0.00	57.28 2.36 0.00	59.55 2.40 0.00	63.30 2.43 0.00	69.26 2.92 0.00	78.81 3.54 0.00	85.79 4.40 0.00	85.87 4.78 0.00	99.07 5.52 0.00	112.83 6.59 0.00	107.10 5.87 0.00	96.67 5.13 0.00	87.18 4.93 0.00	78.61 3.24 0.00	66.34 2.37 0.00	59.27 2.44 0.00
WARRENSBURG____ 23737	49.60 2.04 0.00	45.59 1.71 0.00	41.04 1.73 0.00	39.68 1.53 0.00	40.16 1.58 0.00	41.92 1.73 0.00	43.25 1.62 0.00	50.39 1.70 0.00	55.41 1.87 0.00	56.78 1.87 0.00	58.46 1.31 0.00	62.14 1.28 0.00	67.47 1.13 0.00	76.85 1.58 0.00	83.26 1.87 0.00	82.71 1.62 0.00	95.60 2.06 0.00	108.90 2.66 0.00	105.78 4.56 0.00	96.03 4.49 0.00	86.96 4.69 -0.02	78.91 3.54 0.00	66.54 2.56 0.00	58.98 2.16 0.00
WATERSIDE____6 8 9 23538	50.83 3.28 0.00	46.73 2.85 0.00	41.91 2.59 0.00	40.60 2.44 0.00	40.97 2.39 0.00	42.76 2.57 0.00	44.75 3.12 -0.01	51.71 3.02 0.00	56.53 3.00 0.00	57.94 3.02 0.00	60.23 3.09 0.00	63.97 3.10 0.00	69.79 3.45 0.00	79.18 3.91 0.01	86.60 5.21 0.00	87.00 5.92 0.00	100.37 6.83 0.00	114.10 7.86 0.00	107.60 6.38 0.01	97.02 5.49 0.01	87.34 5.10 0.01	78.37 3.01 0.01	66.08 2.11 0.01	59.44 2.61 0.00
WATKINRD_115KV_LN8_ILLION 55919	47.70 0.14 0.00	44.01 0.13 0.00	39.39 0.08 0.00	38.27 0.11 0.00	38.73 0.15 0.00	40.39 0.20 0.00	41.83 0.21 0.00	48.88 0.19 0.00	53.75 0.21 0.00	55.14 0.22 0.00	57.32 0.17 0.00	61.05 0.18 0.00	66.60 0.27 0.00	75.65 0.38 0.00	81.64 0.24 0.00	81.33 0.24 0.00	93.83 0.28 0.00	106.56 0.32 0.00	101.73 0.51 0.00	92.00 0.46 0.00	82.74 0.49 0.00	75.59 0.23 0.00	64.04 0.06 0.00	56.94 0.11 0.00

WDELAWARE___HYD 323627	49.59 2.24 0.20	45.67 1.89 0.10	41.00 1.69 0.00	39.83 1.68 0.00	40.20 1.62 0.00	41.95 1.77 0.00	43.58 2.00 0.04	50.46 2.00 0.23	55.22 2.03 0.35	56.61 2.09 0.39	58.86 2.12 0.40	62.49 2.13 0.50	68.27 2.58 0.65	77.54 3.16 0.89	84.15 3.83 1.07	84.16 4.13 1.06	97.10 4.95 1.40	110.44 5.95 1.75	105.07 5.46 1.62	96.27 4.85 0.11	86.85 4.60 0.00	77.56 3.09 0.90	65.57 2.18 0.58	58.70 2.28 0.39
WEST BABYLON___IC 23714	52.21 4.66 0.00	48.13 4.26 0.00	43.13 3.81 0.00	41.63 3.47 0.00	42.12 3.55 0.00	43.97 3.78 0.00	45.95 4.33 0.00	52.54 3.85 0.00	56.21 2.89 0.22	56.80 2.58 0.70	60.02 2.97 0.09	63.91 3.29 0.24	70.22 4.11 0.24	79.38 4.44 0.33	86.91 5.78 0.26	87.73 6.65 0.00	101.27 8.23 0.51	115.26 10.09 1.08	109.43 9.01 0.81	98.41 6.87 0.00	87.26 5.02 0.01	77.01 3.09 1.44	63.98 2.37 2.37	57.90 2.39 1.31
WEST CANADA___HYD 24049	47.84 0.29 0.00	44.14 0.26 0.00	39.55 0.24 0.00	38.39 0.23 0.00	38.81 0.23 0.00	40.47 0.28 0.00	41.92 0.29 0.00	48.93 0.24 0.00	53.80 0.27 0.00	55.19 0.28 0.00	57.38 0.23 0.00	61.11 0.24 0.00	66.67 0.33 0.00	75.72 0.45 0.00	81.88 0.49 0.00	81.57 0.49 0.00	94.11 0.56 0.00	106.88 0.64 0.00	101.94 0.71 0.00	92.19 0.65 0.00	82.90 0.65 0.00	75.74 0.38 0.00	64.17 0.19 0.00	57.11 0.29 0.00
WESTERN_NY_WIND 24143	49.88 2.33 0.00	46.82 2.94 0.00	41.40 2.08 0.00	39.34 1.18 0.00	39.42 0.85 0.00	41.03 0.84 0.00	42.21 0.58 0.00	48.20 -0.49 0.00	53.80 0.27 0.00	55.85 0.93 0.00	58.35 1.20 0.00	62.45 1.58 0.00	69.39 3.05 0.00	78.81 3.54 0.00	83.59 2.20 0.00	83.03 1.95 0.00	95.70 2.15 0.00	108.26 2.02 0.00	103.86 2.63 0.00	95.93 4.39 0.00	85.78 3.54 0.00	78.61 3.24 0.00	67.11 3.13 0.00	61.14 4.32 0.00
WESTOVER___LESR 323668	48.79 1.24 0.00	45.15 1.27 0.00	40.37 1.06 0.00	39.03 0.88 0.00	39.31 0.73 0.00	40.95 0.76 0.00	42.37 0.75 0.00	49.08 0.39 0.00	54.23 0.70 0.00	55.74 0.82 0.00	58.06 0.91 0.00	62.08 1.22 0.00	68.13 1.79 0.00	77.53 2.26 0.00	83.26 1.87 0.00	82.87 1.78 0.00	95.60 2.06 0.00	108.37 2.12 0.00	103.56 2.33 0.00	94.38 2.84 0.00	84.88 2.63 0.00	77.63 2.26 0.00	65.83 1.86 0.00	58.98 2.16 0.00
WETHRSFD_WT_PWR 323626	49.08 1.52 0.00	45.90 2.02 0.00	40.77 1.46 0.00	38.88 0.72 0.00	38.88 0.31 0.00	40.51 0.32 0.00	41.71 0.08 0.00	47.57 -1.12 0.00	52.95 -0.59 0.00	54.81 -0.11 0.00	57.03 -0.11 0.00	61.53 0.67 0.00	68.13 1.79 0.00	77.45 2.18 0.00	82.86 1.47 0.00	81.90 0.81 0.00	94.39 0.84 0.00	106.24 0.00 0.00	102.03 0.81 0.00	94.47 2.93 0.00	84.80 2.55 0.00	78.00 2.64 0.00	66.47 2.49 0.00	60.51 3.69 0.00
WHAVSTOR_138KV_BK127 55557	50.12 2.57 0.00	46.12 2.24 0.00	41.40 2.08 0.00	40.10 1.95 0.00	40.47 1.89 0.00	42.20 2.01 0.00	44.04 2.41 0.00	51.03 2.34 0.00	55.89 2.36 0.00	57.33 2.42 0.00	59.60 2.46 0.00	63.30 2.43 0.00	69.26 2.92 0.00	78.66 3.39 0.00	85.79 4.40 0.00	85.95 4.87 0.00	99.25 5.71 0.00	112.83 6.59 0.00	106.90 5.67 0.00	96.39 4.85 0.00	86.85 4.61 0.00	78.15 2.79 0.00	65.90 1.92 0.00	58.98 2.16 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.12 2.57 0.00	46.12 2.24 0.00	41.40 2.08 0.00	40.10 1.95 0.00	40.47 1.89 0.00	42.20 2.01 0.00	44.04 2.41 0.00	51.03 2.34 0.00	55.89 2.36 0.00	57.33 2.42 0.00	59.60 2.46 0.00	63.30 2.43 0.00	69.26 2.92 0.00	78.66 3.39 0.00	85.79 4.40 0.00	85.95 4.87 0.00	99.25 5.71 0.00	112.83 6.59 0.00	106.90 5.67 0.00	96.39 4.85 0.00	86.85 4.61 0.00	78.15 2.79 0.00	65.90 1.92 0.00	58.98 2.16 0.00
WHITEHAL_115KV_TB1 80871	50.03 2.47 0.00	45.94 2.06 0.00	41.36 2.04 0.00	39.95 1.79 0.00	40.43 1.85 0.00	42.20 2.01 0.00	43.54 1.91 0.00	50.73 2.04 0.00	55.73 2.19 0.00	57.17 2.25 0.00	58.86 1.71 0.00	62.57 1.70 0.00	67.80 1.46 0.00	77.38 2.11 0.00	83.75 2.36 0.00	83.11 2.03 0.00	96.07 2.53 0.00	109.75 3.51 0.00	106.90 5.67 0.00	97.22 5.68 0.00	88.03 5.76 -0.03	79.89 4.52 0.00	67.24 3.26 0.00	59.55 2.73 0.00
WHITEPLN_13_KV_LOAD 356215	51.12 3.57 0.00	47.08 3.20 0.00	42.22 2.91 0.00	40.86 2.71 0.00	41.24 2.66 0.00	43.04 2.85 0.00	44.99 3.37 0.00	52.15 3.46 0.00	57.18 3.64 0.00	58.65 3.73 0.00	61.15 4.00 0.00	65.12 4.26 0.00	71.38 5.04 0.00	81.14 5.87 0.00	88.72 7.33 0.00	89.03 7.95 0.00	102.71 9.17 0.00	116.97 10.73 0.00	110.34 9.11 0.00	99.32 7.78 0.00	89.32 7.07 0.00	80.19 4.82 0.00	67.56 3.58 0.00	60.35 3.52 0.00
WM_FLOYD_69_KV_BK2 356380	51.55 3.99 0.00	47.56 3.69 0.00	42.58 3.26 0.00	41.09 2.94 0.00	41.66 3.09 0.00	43.48 3.30 0.00	45.41 3.79 0.00	51.85 3.16 0.00	55.43 2.14 0.25	55.89 1.76 0.79	59.20 2.23 0.18	62.98 2.56 0.44	69.15 3.25 0.44	78.27 3.61 0.61	85.95 5.05 0.49	87.00 5.92 0.00	100.52 7.58 0.60	114.50 9.56 1.30	108.77 8.50 0.96	97.76 6.22 0.00	86.35 4.11 0.01	75.84 2.11 1.63	62.74 1.66 2.90	56.94 1.59 1.48
WOODARD__115KV_TB2 355635	47.55 0.00 0.00	43.92 0.04 0.00	39.27 -0.04 0.00	37.96 -0.19 0.00	38.34 -0.23 0.00	39.95 -0.24 0.00	41.37 -0.25 0.00	48.20 -0.49 0.00	53.27 -0.27 0.00	54.70 -0.22 0.00	57.03 -0.11 0.00	60.86 0.00 0.00	66.60 0.27 0.00	75.80 0.53 0.00	81.64 0.24 0.00	81.17 0.08 0.00	93.55 0.00 0.00	106.49 -0.11 -0.35	101.33 0.10 0.00	92.18 0.64 0.00	82.74 0.49 0.00	75.59 0.23 0.00	64.04 0.06 0.00	57.11 0.28 0.00
WOODMERE_69_KV_BK1 55827	52.07 4.52 0.00	47.91 4.04 0.00	42.97 3.66 0.00	41.51 3.36 0.00	41.97 3.39 0.00	43.80 3.62 0.00	45.70 4.08 0.00	52.44 3.75 0.00	56.66 3.16 0.03	57.79 2.97 0.09	60.69 3.54 0.00	64.76 3.90 0.00	71.05 4.71 0.00	80.69 5.42 0.00	88.23 6.84 0.00	88.71 7.62 0.00	103.26 9.07 -0.64	118.38 10.84 -1.31	111.87 9.62 -1.02	99.32 7.78 0.00	88.49 6.25 0.01	79.33 4.15 0.17	67.92 3.07 -0.87	59.69 3.01 0.15
YORK___WARBASSE 23770	51.18 3.61 -0.01	47.09 3.20 -0.01	42.19 2.87 -0.01	40.87 2.71 -0.01	41.20 2.62 0.00	43.00 2.81 0.00	45.00 3.37 -0.01	51.66 2.97 0.00	56.48 2.94 0.00	57.94 3.02 0.00	60.29 3.14 0.00	64.02 3.16 0.00	69.85 3.52 0.00	79.33 4.06 0.01	86.76 5.37 0.00	87.32 6.24 0.00	100.66 7.11 0.00	114.52 8.29 0.00	107.90 6.68 0.01	97.21 5.68 0.01	87.67 5.43 0.01	78.67 3.32 0.01	66.15 2.18 0.01	59.55 2.73 0.00