

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion												
Generator Data																									07/15/2025									
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00									
59TH STREET_GT_1 24138	EDT	53.86	50.15	48.98	45.24	45.68	49.08	52.37	55.56	58.55	61.44	62.32	71.31	77.54	89.53	100.32	111.04	140.88	174.85	196.86	167.06	122.88	95.90	75.97	65.19									
		3.62	3.32	3.16	2.96	2.91	3.08	3.38	3.83	4.03	4.13	4.13	4.98	5.94	7.39	8.79	10.64	12.22	14.73	15.09	11.94	9.42	6.52	4.44	2.93									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EDT	53.91	50.25	49.02	45.29	45.72	49.08	52.32	55.51	58.44	61.39	62.26	71.18	77.39	89.37	100.14	110.94	140.62	174.69	196.68	167.22	122.88	95.99	75.97	65.26									
		3.67	3.42	3.21	3.00	2.95	3.08	3.33	3.78	3.93	4.07	4.07	4.84	5.80	7.23	8.60	10.54	11.96	14.57	14.91	12.10	9.42	6.61	4.44	2.99									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EDT	53.91	50.25	49.02	45.29	45.72	49.08	52.32	55.51	58.44	61.39	62.26	71.18	77.39	89.37	100.14	110.94	140.62	174.69	196.68	167.22	122.88	95.99	75.97	65.26									
		3.67	3.42	3.21	3.00	2.95	3.08	3.33	3.78	3.93	4.07	4.07	4.84	5.80	7.23	8.60	10.54	11.96	14.57	14.91	12.10	9.42	6.61	4.44	2.99									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EDT	53.36	49.50	48.38	44.57	45.04	48.34	51.29	54.27	56.97	59.67	60.05	68.39	74.46	85.67	95.93	105.92	135.47	170.21	195.23	166.75	122.77	98.82	76.47	65.88									
		3.11	2.67	2.57	2.28	2.27	2.35	2.30	2.53	2.45	2.35	1.86	2.06	2.86	3.53	4.39	5.52	6.82	10.09	13.45	11.63	9.30	7.24	4.94	3.61									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.20	0.00	0.00									
ADK RESOURCE___RCVRY 23798	EDT	53.51	49.64	48.47	44.69	45.08	48.43	51.34	54.37	57.08	59.72	60.11	68.52	74.60	85.75	96.11	106.22	135.98	170.85	196.49	167.84	123.45	99.24	76.76	66.13									
		3.26	2.81	2.66	2.41	2.31	2.44	2.35	2.64	2.56	2.41	1.92	2.19	3.01	3.61	4.57	5.82	7.33	10.73	14.72	12.72	9.99	7.77	5.22	3.86									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.09	0.00	0.00									
ADK S GLENS___FALLS 24028	EDT	53.36	49.50	48.38	44.57	45.04	48.34	51.29	54.27	56.97	59.67	60.05	68.39	74.46	85.67	95.93	105.92	135.47	170.21	195.23	166.75	122.77	98.82	76.47	65.88									
		3.11	2.67	2.57	2.28	2.27	2.35	2.30	2.53	2.45	2.35	1.86	2.06	2.86	3.53	4.39	5.52	6.82	10.09	13.45	11.63	9.30	7.24	4.94	3.61									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.20	0.00	0.00									
ADK_NYS___DAM 23527	EDT	52.95	49.40	48.33	44.56	44.91	48.43	51.34	54.32	57.03	59.78	60.52	68.99	74.89	86.08	96.48	106.42	135.60	169.25	191.59	163.34	120.39	99.12	75.18	64.88									
		2.71	2.57	2.52	2.28	2.14	2.44	2.35	2.59	2.51	2.46	2.33	2.66	3.30	3.94	4.94	6.02	6.94	9.12	9.81	8.22	6.92	5.54	3.65	2.61									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.20	0.00	0.00									
AIR_PRODUCTS___DRP 24190	EDT	50.64	47.11	46.23	42.66	43.07	46.27	49.09	51.89	54.57	57.26	58.07	66.21	71.88	82.80	92.64	101.91	129.68	161.72	183.23	156.21	114.83	87.89	71.89	62.08									
		0.40	0.28	0.41	0.38	0.30	0.28	0.10	0.16	0.05	-0.06	-0.12	-0.13	0.29	0.66	1.10	1.51	1.03	1.60	1.45	1.09	1.36	1.07	0.36	-0.19									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.56	0.00	0.00									
AKWESSNE_115KV_BK 355683	EDT	49.49	45.94	45.04	41.61	42.09	45.26	48.70	51.22	54.03	56.63	57.49	65.54	70.09	79.92	88.52	97.29	126.21	157.72	178.87	152.95	110.97	87.23	70.32	61.83									
		-0.75	-0.89	-0.78	-0.68	-0.68	-0.74	-0.29	-0.52	-0.49	-0.69	-0.70	-0.80	-1.50	-2.22	-3.02	-3.11	-2.44	-2.40	-2.91	-2.17	-2.50	-2.15	-1.22	-0.44									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY_1_SOLAR 323833	EDT	50.85	47.35	46.46	42.87	43.24	46.50	49.24	51.87	50.54	52.36	54.20	60.00	64.00	71.76	78.76	99.31	119.41	142.85	158.87	139.66	109.82	89.25	72.18	62.46									
		0.61	0.52	0.64	0.59	0.47	0.51	0.25	0.16	0.00	-0.23	-0.40	-0.46	-0.14	0.08	0.46	0.90	0.52	1.44	1.82	1.71	1.93	1.61	0.64	0.19									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	3.97	4.73	3.58	5.88	7.45	10.46	13.23	1.99	9.76	18.71	24.72	17.17	5.57	1.74	0.00	0.00									
ALBANY_2_SOLAR 323834	EDT	50.85	47.35	46.46	42.87	43.24	46.46	49.19	51.87	50.54	52.31	54.14	60.00	64.01	71.77	78.77	99.31	119.42	142.86	158.89	139.67	109.70	89.16	72.18	62.39									
		0.61	0.52	0.64	0.59	0.47	0.46	0.20	0.16	0.00	-0.29	-0.47	-0.46	-0.14	0.08	0.46	0.90	0.52	1.44	1.82	1.71	1.81	1.52	0.64	0.12									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	3.97	4.73	3.58	5.87	7.44	10.45	13.23	1.99	9.75	18.70	24.71	17.16	5.57	1.74	0.00	0.00									
ALBANY___1 23571	EDT	50.64	47.11	46.23	42.66	43.07	46.27	49.09	51.89	54.57	57.26	58.07	66.21	71.88	82.80	92.64	101.91	129.68	161.72	183.23	156.21	114.83	87.89	71.89	62.08									
		0.40	0.28	0.41	0.38	0.30	0.28	0.10	0.16	0.05	-0.06	-0.12	-0.13	0.29	0.66	1.10	1.51	1.03	1.60	1.45	1.09	1.36	1.07	0.36	-0.19									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.56	0.00	0.00									

ALBANY___2 23572	50.64 0.40 0.00	47.11 0.28 0.00	46.23 0.41 0.00	42.66 0.38 0.00	43.07 0.30 0.00	46.27 0.28 0.00	49.09 0.10 0.00	51.89 0.16 0.00	54.57 0.05 0.00	57.26 -0.06 0.00	58.07 -0.12 0.00	66.21 -0.13 0.00	71.88 0.29 0.00	82.80 0.66 0.00	92.64 1.10 0.00	101.91 1.51 0.00	129.68 1.03 0.00	161.72 1.60 0.00	183.23 1.45 0.00	156.21 1.09 0.00	114.83 1.36 0.00	87.89 1.07 2.56	71.89 0.36 0.00	62.08 -0.19 0.00
ALBANY___3 23573	50.64 0.40 0.00	47.11 0.28 0.00	46.23 0.41 0.00	42.66 0.38 0.00	43.07 0.30 0.00	46.27 0.28 0.00	49.09 0.10 0.00	51.89 0.16 0.00	54.57 0.05 0.00	57.26 -0.06 0.00	58.07 -0.12 0.00	66.21 -0.13 0.00	71.88 0.29 0.00	82.80 0.66 0.00	92.64 1.10 0.00	101.91 1.51 0.00	129.68 1.03 0.00	161.72 1.60 0.00	183.23 1.45 0.00	156.21 1.09 0.00	114.83 1.36 0.00	87.89 1.07 2.56	71.89 0.36 0.00	62.08 -0.19 0.00
ALBANY___4 23574	50.64 0.40 0.00	47.11 0.28 0.00	46.23 0.41 0.00	42.66 0.38 0.00	43.07 0.30 0.00	46.27 0.28 0.00	49.09 0.10 0.00	51.89 0.16 0.00	54.57 0.05 0.00	57.26 -0.06 0.00	58.07 -0.12 0.00	66.21 -0.13 0.00	71.88 0.29 0.00	82.80 0.66 0.00	92.64 1.10 0.00	101.91 1.51 0.00	129.68 1.03 0.00	161.72 1.60 0.00	183.23 1.45 0.00	156.21 1.09 0.00	114.83 1.36 0.00	87.89 1.07 2.56	71.89 0.36 0.00	62.08 -0.19 0.00
ALBANY___LFGE 323615	51.35 1.10 0.00	47.81 0.98 0.00	46.82 1.01 0.00	43.21 0.93 0.00	43.58 0.81 0.00	46.87 0.87 0.00	49.73 0.74 0.00	52.56 0.83 0.00	55.28 0.76 0.00	58.01 0.69 0.00	58.83 0.64 0.00	67.14 0.80 0.00	72.95 1.36 0.00	83.87 1.73 0.00	93.91 2.38 0.00	103.41 3.01 0.00	131.62 2.96 0.00	164.28 4.16 0.00	186.13 4.36 0.00	158.69 3.57 0.00	116.53 3.06 0.00	89.35 2.41 2.45	72.89 1.36 0.00	62.95 0.69 0.00
ALCOA_PA_115KV_PL-6C 55860	49.69 -0.55 0.00	46.13 -0.70 0.00	45.22 -0.60 0.00	41.78 -0.51 0.00	42.21 -0.56 0.00	45.35 -0.64 0.00	48.84 -0.15 0.00	51.37 -0.36 0.00	54.14 -0.38 0.00	56.63 -0.69 0.00	57.43 -0.76 0.00	65.48 -0.86 0.00	69.95 -1.65 0.00	79.84 -2.30 0.00	88.43 -3.11 0.00	97.29 -3.11 0.00	126.21 -2.44 0.00	157.88 -2.24 0.00	179.23 -2.54 0.00	153.41 -1.71 0.00	111.31 -2.16 0.00	87.50 -1.88 0.00	70.46 -1.07 0.00	62.02 -0.25 0.00
ALCOA_RYNLDS___DRP 24188	49.69 -0.55 0.00	46.13 -0.70 0.00	45.22 -0.60 0.00	41.78 -0.51 0.00	42.21 -0.56 0.00	45.35 -0.64 0.00	48.84 -0.15 0.00	51.37 -0.36 0.00	54.14 -0.38 0.00	56.63 -0.69 0.00	57.43 -0.76 0.00	65.48 -0.86 0.00	69.95 -1.65 0.00	79.84 -2.30 0.00	88.43 -3.11 0.00	97.29 -3.11 0.00	126.21 -2.44 0.00	157.88 -2.24 0.00	179.23 -2.54 0.00	153.41 -1.71 0.00	111.31 -2.16 0.00	87.50 -1.88 0.00	70.46 -1.07 0.00	62.02 -0.25 0.00
ALCOA___DSASP 323711	49.69 -0.55 0.00	46.13 -0.70 0.00	45.22 -0.60 0.00	41.78 -0.51 0.00	42.21 -0.56 0.00	45.35 -0.64 0.00	48.89 -0.10 0.00	51.43 -0.31 0.00	54.19 -0.33 0.00	56.63 -0.69 0.00	57.43 -0.76 0.00	65.47 -0.86 0.00	69.95 -1.64 0.00	79.84 -2.30 0.00	88.42 -3.11 0.00	97.29 -3.11 0.00	126.21 -2.45 0.00	157.88 -2.24 0.00	179.23 -2.55 0.00	153.42 -1.70 0.00	111.30 -2.16 0.00	87.50 -1.88 0.00	70.46 -1.07 0.00	62.02 -0.25 0.00
ALLEGHENY___COGEN 23514	52.60 2.36 0.00	49.17 2.34 0.00	47.24 1.42 0.00	43.21 0.93 0.00	43.84 1.07 0.00	47.06 1.06 0.00	49.77 0.78 0.00	52.30 0.57 0.00	54.63 0.11 0.00	57.49 0.17 0.00	58.48 0.29 0.00	66.47 0.13 0.00	72.46 0.86 0.00	78.44 -3.69 0.00	87.70 -3.84 0.00	95.18 -5.23 0.00	121.70 -6.95 0.00	150.04 -10.08 0.00	175.06 -6.72 0.00	151.71 -3.41 0.00	113.12 -0.34 0.00	90.18 0.80 0.00	76.47 4.93 0.00	66.07 3.80 0.00
ALTAMONT_115KV_TB 2 55880	51.35 1.11 0.00	47.81 0.98 0.00	46.87 1.05 0.00	43.30 1.01 0.00	43.75 0.98 0.00	46.96 0.97 0.00	49.82 0.83 0.00	52.62 0.88 0.00	55.56 0.82 -0.23	58.33 0.75 -0.27	59.09 0.70 -0.21	67.47 0.80 -0.34	73.24 1.22 -0.43	84.47 1.72 -0.60	94.50 2.20 -0.76	103.13 2.61 -0.11	131.92 2.70 -0.56	164.72 3.52 -1.08	187.02 3.82 -1.42	159.37 3.26 -0.99	116.62 2.84 -0.32	90.48 2.32 1.22	72.90 1.36 0.00	63.02 0.75 0.00
ALTONA_WT_PWR 323606	48.53 -1.71 0.00	45.19 -1.64 0.00	44.26 -1.56 0.00	40.85 -1.44 0.00	41.36 -1.41 0.00	44.57 -1.43 0.00	47.87 -1.12 0.00	50.44 -1.29 0.00	53.37 -1.15 0.00	56.00 -1.32 0.00	56.91 -1.28 0.00	64.88 -1.46 0.00	69.30 -2.29 0.00	79.02 -3.12 0.00	87.42 -4.12 0.00	96.28 -4.12 0.00	124.92 -3.74 0.00	156.45 -3.68 0.00	177.78 -4.00 0.00	152.17 -2.95 0.00	110.41 -3.06 0.00	86.70 -2.68 0.00	69.61 -1.93 0.00	61.08 -1.19 0.00
AMERICAN_REF_FUEL 24010	50.39 0.15 0.00	47.48 0.66 0.00	45.04 -0.78 0.00	41.10 -1.18 0.00	41.79 -0.98 0.00	44.89 -1.10 0.00	46.94 -2.06 0.00	49.20 -2.53 0.00	52.66 -1.85 0.00	56.57 -0.75 0.00	58.13 -0.06 0.00	65.81 -0.53 0.00	72.10 0.50 0.00	82.72 0.58 0.00	91.91 0.37 0.00	98.60 -1.80 0.00	124.66 -3.99 0.00	153.24 -6.88 0.00	175.06 -6.72 0.00	149.07 -6.05 0.00	110.06 -3.40 0.00	87.50 -1.88 0.00	71.54 0.00 0.00	62.89 0.62 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	52.30 2.06 0.00	49.12 2.29 0.00	47.10 1.28 0.00	43.04 0.76 0.00	43.80 1.02 0.00	46.59 0.60 0.00	49.43 0.44 0.00	52.20 0.46 0.00	55.77 1.25 0.00	60.01 2.69 0.00	61.74 3.55 0.00	69.98 3.65 0.00	77.03 5.44 0.00	88.71 6.57 0.00	98.49 6.95 0.00	105.52 5.12 0.00	133.54 4.89 0.00	163.96 3.84 0.00	187.42 5.64 0.00	159.46 4.34 0.00	117.77 4.31 0.00	93.49 4.11 0.00	76.05 4.51 0.00	66.31 4.05 0.00
ARTHUR KILL_GT_1 23520	51.14 3.06 2.17	49.92 3.09 0.00	49.02 3.21 0.00	45.50 3.21 -0.01	45.90 3.12 -0.01	48.99 2.99 0.00	50.81 2.55 0.73	50.92 2.90 3.71	50.82 2.89 6.59	51.02 3.04 9.33	52.97 3.08 8.30	61.24 3.58 8.68	65.91 4.37 10.05	68.46 5.75 19.42	91.30 7.05 7.29	101.66 9.14 7.88	113.19 9.52 24.99	135.35 11.53 36.30	134.71 11.63 58.71	109.94 9.31 54.48	103.77 7.26 16.95	85.54 4.83 8.66	65.20 3.29 9.62	53.97 1.99 10.29
ARTHUR_KILL_2 23512	50.94 2.86 2.17	50.20 3.37 0.00	49.16 3.34 0.00	45.42 3.13 -0.01	45.77 2.99 -0.01	49.08 3.08 0.00	50.71 2.45 0.73	50.71 2.69 3.71	50.71 2.78 6.59	50.79 2.81 9.33	52.74 2.85 8.30	60.97 3.32 8.68	65.69 4.15 10.05	67.98 5.26 19.42	90.85 6.59 7.29	101.05 8.53 7.88	112.54 8.87 24.99	134.55 10.73 36.30	133.79 10.72 58.71	109.01 8.37 54.48	103.09 6.58 16.95	85.09 4.38 8.66	64.70 2.79 9.62	53.72 1.74 10.29
ARTHUR_KILL_3 23513	51.03 2.96 2.18	49.73 2.90 0.01	48.51 2.70 0.01	44.82 2.54 0.00	45.16 2.39 0.00	48.61 2.62 0.01	51.00 2.74 0.74	51.12 3.10 3.72	51.15 3.22 6.58	51.14 3.15 9.33	52.98 3.08 8.29	61.36 3.71 8.69	66.12 4.59 10.06	68.37 5.66 19.43	91.20 6.95 7.29	101.24 8.73 7.89	113.31 9.65 25.00	135.50 11.68 36.31	134.87 11.81 58.71	109.93 9.31 54.49	103.87 7.37 16.96	85.80 5.09 8.67	65.05 3.14 9.63	53.90 1.93 10.30

ARTHUR_KILL_COGEN 323718	51.14 3.07 2.17	50.39 3.56 0.00	49.34 3.53 0.00	45.59 3.30 -0.01	45.94 3.16 -0.01	49.26 3.27 0.00	50.91 2.64 0.73	50.92 2.90 3.71	50.87 2.94 6.59	51.02 3.04 9.33	52.97 3.08 8.30	61.24 3.58 8.68	65.98 4.44 10.05	68.38 5.66 19.42	91.30 7.05 7.29	101.66 9.14 7.88	113.19 9.52 24.99	135.36 11.54 36.30	134.72 11.64 58.71	109.94 9.31 54.48	103.78 7.27 16.95	85.54 4.82 8.66	65.06 3.14 9.62	53.97 1.99 10.29
ASHOKAN____ 23654	52.65 2.41 0.00	48.99 2.16 0.00	47.97 2.15 0.00	44.23 1.95 0.00	44.61 1.84 0.00	48.02 2.02 0.00	51.05 2.06 0.00	53.89 2.17 0.02	54.30 3.49 3.71	56.28 3.38 4.41	58.10 3.26 3.34	64.56 3.71 5.49	68.94 4.30 6.95	77.80 5.42 9.76	85.78 6.59 12.35	106.97 8.43 1.86	129.59 10.04 9.11	156.76 14.09 17.46	175.07 16.37 23.08	153.52 14.43 16.03	119.05 10.78 5.20	96.01 7.87 1.24	74.90 3.36 0.00	64.88 2.61 0.00
ASTORIA_EAST_ENERGY_CC1 323581	53.67 3.42 -0.01	50.30 3.47 -0.01	49.13 3.30 -0.01	45.34 3.05 -0.01	45.69 2.91 -0.01	49.17 3.17 0.00	52.08 3.09 0.00	54.89 3.16 0.00	57.68 3.16 0.00	60.35 3.04 0.00	61.33 3.14 0.00	70.18 3.85 0.00	76.32 4.72 0.00	88.13 5.99 0.00	99.13 7.59 0.00	109.84 9.43 -0.01	139.08 10.42 -0.01	174.01 12.50 -1.39	196.21 12.72 -1.71	166.46 10.08 -1.27	121.41 7.94 -0.01	94.93 5.54 -0.01	75.12 3.58 -0.01	64.70 2.43 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	53.67 3.42 -0.01	50.30 3.47 -0.01	49.13 3.30 -0.01	45.34 3.05 -0.01	45.69 2.91 -0.01	49.17 3.17 0.00	52.08 3.09 0.00	54.89 3.16 0.00	57.68 3.16 0.00	60.35 3.04 0.00	61.33 3.14 0.00	70.18 3.85 0.00	76.32 4.72 0.00	88.13 5.99 0.00	99.13 7.59 0.00	109.84 9.43 -0.01	139.08 10.42 -0.01	174.01 12.50 -1.39	196.21 12.72 -1.71	166.46 10.08 -1.27	121.41 7.94 -0.01	94.93 5.54 -0.01	75.12 3.58 -0.01	64.70 2.43 -0.01
ASTORIA_GT2_1 24094	53.72 3.47 -0.01	50.12 3.28 -0.01	48.99 3.16 -0.01	45.25 2.96 -0.01	45.69 2.91 -0.01	48.90 2.90 0.00	52.03 3.04 0.00	55.10 3.36 0.00	57.63 3.11 0.00	60.41 3.10 0.00	61.39 3.20 0.00	70.25 3.91 0.00	76.32 4.73 0.00	88.30 6.16 0.00	99.23 7.69 0.00	109.85 9.44 -0.01	139.08 10.42 -0.01	174.17 12.65 -1.39	196.39 12.91 -1.71	166.62 10.24 -1.27	121.53 8.06 -0.01	94.93 5.54 -0.01	75.26 3.72 -0.01	64.77 2.49 -0.01
ASTORIA_GT2_2 24095	53.72 3.47 -0.01	50.12 3.28 -0.01	48.99 3.16 -0.01	45.25 2.96 -0.01	45.69 2.91 -0.01	48.90 2.90 0.00	52.03 3.04 0.00	55.10 3.36 0.00	57.63 3.11 0.00	60.41 3.10 0.00	61.39 3.20 0.00	70.25 3.91 0.00	76.32 4.73 0.00	88.30 6.16 0.00	99.23 7.69 0.00	109.85 9.44 -0.01	139.08 10.42 -0.01	174.17 12.65 -1.39	196.39 12.91 -1.71	166.62 10.24 -1.27	121.53 8.06 -0.01	94.93 5.54 -0.01	75.26 3.72 -0.01	64.77 2.49 -0.01
ASTORIA_GT2_3 24096	53.72 3.47 -0.01	50.12 3.28 -0.01	48.99 3.16 -0.01	45.25 2.96 -0.01	45.69 2.91 -0.01	48.90 2.90 0.00	52.03 3.04 0.00	55.10 3.36 0.00	57.63 3.11 0.00	60.41 3.10 0.00	61.39 3.20 0.00	70.25 3.91 0.00	76.32 4.73 0.00	88.30 6.16 0.00	99.23 7.69 0.00	109.85 9.44 -0.01	139.08 10.42 -0.01	174.17 12.65 -1.39	196.39 12.91 -1.71	166.62 10.24 -1.27	121.53 8.06 -0.01	94.93 5.54 -0.01	75.26 3.72 -0.01	64.77 2.49 -0.01
ASTORIA_GT2_4 24097	53.72 3.47 -0.01	50.12 3.28 -0.01	48.99 3.16 -0.01	45.25 2.96 -0.01	45.69 2.91 -0.01	48.90 2.90 0.00	52.03 3.04 0.00	55.10 3.36 0.00	57.63 3.11 0.00	60.41 3.10 0.00	61.39 3.20 0.00	70.25 3.91 0.00	76.32 4.73 0.00	88.30 6.16 0.00	99.23 7.69 0.00	109.85 9.44 -0.01	139.08 10.42 -0.01	174.17 12.65 -1.39	196.39 12.91 -1.71	166.62 10.24 -1.27	121.53 8.06 -0.01	94.93 5.54 -0.01	75.26 3.72 -0.01	64.77 2.49 -0.01
ASTORIA_GT3_1 24098	53.72 3.47 -0.01	50.12 3.28 -0.01	48.99 3.16 -0.01	45.25 2.96 -0.01	45.69 2.91 -0.01	48.90 2.90 0.00	52.03 3.04 0.00	55.10 3.36 0.00	57.63 3.11 0.00	60.41 3.10 0.00	61.39 3.20 0.00	70.25 3.91 0.00	76.32 4.73 0.00	88.30 6.16 0.00	99.23 7.69 0.00	109.85 9.44 -0.01	139.08 10.42 -0.01	174.17 12.65 -1.39	196.39 12.91 -1.71	166.62 10.24 -1.27	121.53 8.06 -0.01	94.93 5.54 -0.01	75.26 3.72 -0.01	64.77 2.49 -0.01
ASTORIA_GT3_2 24099	53.72 3.47 -0.01	50.12 3.28 -0.01	48.99 3.16 -0.01	45.25 2.96 -0.01	45.69 2.91 -0.01	48.90 2.90 0.00	52.03 3.04 0.00	55.10 3.36 0.00	57.63 3.11 0.00	60.41 3.10 0.00	61.39 3.20 0.00	70.25 3.91 0.00	76.32 4.73 0.00	88.30 6.16 0.00	99.23 7.69 0.00	109.85 9.44 -0.01	139.08 10.42 -0.01	174.17 12.65 -1.39	196.39 12.91 -1.71	166.62 10.24 -1.27	121.53 8.06 -0.01	94.93 5.54 -0.01	75.26 3.72 -0.01	64.77 2.49 -0.01
ASTORIA_GT3_3 24100	53.72 3.47 -0.01	50.12 3.28 -0.01	48.99 3.16 -0.01	45.25 2.96 -0.01	45.69 2.91 -0.01	48.90 2.90 0.00	52.03 3.04 0.00	55.10 3.36 0.00	57.63 3.11 0.00	60.41 3.10 0.00	61.39 3.20 0.00	70.25 3.91 0.00	76.32 4.73 0.00	88.30 6.16 0.00	99.23 7.69 0.00	109.85 9.44 -0.01	139.08 10.42 -0.01	174.17 12.65 -1.39	196.39 12.91 -1.71	166.62 10.24 -1.27	121.53 8.06 -0.01	94.93 5.54 -0.01	75.26 3.72 -0.01	64.77 2.49 -0.01
ASTORIA_GT3_4 24101	53.72 3.47 -0.01	50.12 3.28 -0.01	48.99 3.16 -0.01	45.25 2.96 -0.01	45.69 2.91 -0.01	48.90 2.90 0.00	52.03 3.04 0.00	55.10 3.36 0.00	57.63 3.11 0.00	60.41 3.10 0.00	61.39 3.20 0.00	70.25 3.91 0.00	76.32 4.73 0.00	88.30 6.16 0.00	99.23 7.69 0.00	109.85 9.44 -0.01	139.08 10.42 -0.01	174.17 12.65 -1.39	196.39 12.91 -1.71	166.62 10.24 -1.27	121.53 8.06 -0.01	94.93 5.54 -0.01	75.26 3.72 -0.01	64.77 2.49 -0.01
ASTORIA_GT4_1 24102	53.72 3.47 -0.01	50.12 3.28 -0.01	48.99 3.16 -0.01	45.25 2.96 -0.01	45.69 2.91 -0.01	48.90 2.90 0.00	52.03 3.04 0.00	55.10 3.36 0.00	57.63 3.11 0.00	60.41 3.10 0.00	61.39 3.20 0.00	70.25 3.91 0.00	76.32 4.73 0.00	88.30 6.16 0.00	99.23 7.69 0.00	109.85 9.44 -0.01	139.08 10.42 -0.01	174.17 12.65 -1.39	196.39 12.91 -1.71	166.62 10.24 -1.27	121.53 8.06 -0.01	94.93 5.54 -0.01	75.26 3.72 -0.01	64.77 2.49 -0.01
ASTORIA_GT4_2 24103	53.72 3.47 -0.01	50.12 3.28 -0.01	48.99 3.16 -0.01	45.25 2.96 -0.01	45.69 2.91 -0.01	48.90 2.90 0.00	52.03 3.04 0.00	55.10 3.36 0.00	57.63 3.11 0.00	60.41 3.10 0.00	61.39 3.20 0.00	70.25 3.91 0.00	76.32 4.73 0.00	88.30 6.16 0.00	99.23 7.69 0.00	109.85 9.44 -0.01	139.08 10.42 -0.01	174.17 12.65 -1.39	196.39 12.91 -1.71	166.62 10.24 -1.27	121.53 8.06 -0.01	94.93 5.54 -0.01	75.26 3.72 -0.01	64.77 2.49 -0.01
ASTORIA_GT4_3 24104	53.72 3.47 -0.01	50.12 3.28 -0.01	48.99 3.16 -0.01	45.25 2.96 -0.01	45.69 2.91 -0.01	48.90 2.90 0.00	52.03 3.04 0.00	55.10 3.36 0.00	57.63 3.11 0.00	60.41 3.10 0.00	61.39 3.20 0.00	70.25 3.91 0.00	76.32 4.73 0.00	88.30 6.16 0.00	99.23 7.69 0.00	109.85 9.44 -0.01	139.08 10.42 -0.01	174.17 12.65 -1.39	196.39 12.91 -1.71	166.62 10.24 -1.27	121.53 8.06 -0.01	94.93 5.54 -0.01	75.26 3.72 -0.01	64.77 2.49 -0.01

ASTORIA_GT4_4 24105	53.72 3.47 -0.01	50.12 3.28 -0.01	48.99 3.16 -0.01	45.25 2.96 -0.01	45.69 2.91 -0.01	48.90 2.90 0.00	52.03 3.04 0.00	55.10 3.36 0.00	57.63 3.11 0.00	60.41 3.10 0.00	61.39 3.20 0.00	70.25 3.91 0.00	76.32 4.73 0.00	88.30 6.16 0.00	99.23 7.69 0.00	109.85 9.44 -0.01	139.08 10.42 -0.01	174.17 12.65 -1.39	196.39 12.91 -1.71	166.62 10.24 -1.27	121.53 8.06 -0.01	94.93 5.54 -0.01	75.26 3.72 -0.01	64.77 2.49 -0.01
ASTORIA_GT_1 23523	53.82 3.57 -0.01	50.26 3.42 -0.01	49.08 3.25 -0.01	45.34 3.04 -0.01	45.77 2.99 -0.01	48.99 2.99 0.00	52.18 3.18 0.00	55.25 3.52 0.00	57.79 3.27 0.00	60.58 3.27 0.00	61.56 3.38 0.00	70.45 4.11 0.00	76.53 4.94 0.00	88.55 6.41 0.00	99.50 7.96 0.00	110.25 9.84 -0.01	139.60 10.94 -0.01	174.65 13.13 -1.39	196.94 13.45 -1.71	167.09 10.70 -1.27	121.87 8.40 -0.01	95.28 5.90 -0.01	75.48 3.93 -0.01	64.89 2.62 -0.01
ASTORIA_GT_10 24110	53.56 3.32 0.00	49.97 3.14 0.00	48.79 2.98 0.00	45.12 2.83 0.00	45.51 2.74 0.00	48.85 2.85 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.70 3.38 0.00	61.56 3.38 0.00	70.32 3.98 0.00	76.32 4.73 0.00	88.13 6.00 0.00	98.95 7.41 0.00	109.64 9.24 0.00	138.82 10.16 0.00	172.29 12.17 0.00	193.96 12.18 0.00	164.88 9.77 0.01	121.06 7.60 0.01	94.64 5.27 0.01	75.04 3.51 0.00	64.51 2.24 0.00
ASTORIA_GT_11 24225	53.56 3.32 0.00	49.97 3.14 0.00	48.79 2.98 0.00	45.12 2.83 0.00	45.51 2.74 0.00	48.85 2.85 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.70 3.38 0.00	61.56 3.38 0.00	70.32 3.98 0.00	76.32 4.73 0.00	88.13 6.00 0.00	98.95 7.41 0.00	109.64 9.24 0.00	138.82 10.16 0.00	172.29 12.17 0.00	193.96 12.18 0.00	164.88 9.77 0.01	121.06 7.60 0.01	94.64 5.27 0.01	75.04 3.51 0.00	64.51 2.24 0.00
ASTORIA_GT_12 24226	53.56 3.32 0.00	49.97 3.14 0.00	48.79 2.98 0.00	45.12 2.83 0.00	45.51 2.74 0.00	48.85 2.85 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.70 3.38 0.00	61.56 3.38 0.00	70.32 3.98 0.00	76.32 4.73 0.00	88.13 6.00 0.00	98.95 7.41 0.00	109.64 9.24 0.00	138.82 10.16 0.00	172.29 12.17 0.00	193.96 12.18 0.00	164.88 9.77 0.01	121.06 7.60 0.01	94.64 5.27 0.01	75.04 3.51 0.00	64.51 2.24 0.00
ASTORIA_GT_13 24227	53.56 3.32 0.00	49.97 3.14 0.00	48.79 2.98 0.00	45.12 2.83 0.00	45.51 2.74 0.00	48.85 2.85 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.70 3.38 0.00	61.56 3.38 0.00	70.32 3.98 0.00	76.32 4.73 0.00	88.13 6.00 0.00	98.95 7.41 0.00	109.64 9.24 0.00	138.82 10.16 0.00	172.29 12.17 0.00	193.96 12.18 0.00	164.88 9.77 0.01	121.06 7.60 0.01	94.64 5.27 0.01	75.04 3.51 0.00	64.51 2.24 0.00
ASTORIA_GT_5 24106	53.82 3.57 -0.01	50.26 3.42 -0.01	49.08 3.25 -0.01	45.34 3.04 -0.01	45.77 2.99 -0.01	48.99 2.99 0.00	52.18 3.18 0.00	55.25 3.52 0.00	57.79 3.27 0.00	60.58 3.27 0.00	61.56 3.38 0.00	70.45 4.11 0.00	76.53 4.94 0.00	88.55 6.41 0.00	99.50 7.96 0.00	110.25 9.84 -0.01	139.60 10.94 -0.01	174.65 13.13 -1.39	196.94 13.45 -1.71	167.09 10.70 -1.27	121.87 8.40 -0.01	95.28 5.90 -0.01	75.48 3.93 -0.01	64.89 2.62 -0.01
ASTORIA_GT_7 24107	53.82 3.57 -0.01	50.26 3.42 -0.01	49.08 3.25 -0.01	45.34 3.04 -0.01	45.77 2.99 -0.01	48.99 2.99 0.00	52.18 3.18 0.00	55.25 3.52 0.00	57.79 3.27 0.00	60.58 3.27 0.00	61.56 3.38 0.00	70.45 4.11 0.00	76.53 4.94 0.00	88.55 6.41 0.00	99.50 7.96 0.00	110.25 9.84 -0.01	139.60 10.94 -0.01	174.65 13.13 -1.39	196.94 13.45 -1.71	167.09 10.70 -1.27	121.87 8.40 -0.01	95.28 5.90 -0.01	75.48 3.93 -0.01	64.89 2.62 -0.01
ASTORIA_GT_8 24108	53.82 3.57 -0.01	50.26 3.42 -0.01	49.08 3.25 -0.01	45.34 3.04 -0.01	45.77 2.99 -0.01	48.99 2.99 0.00	52.18 3.18 0.00	55.25 3.52 0.00	57.79 3.27 0.00	60.58 3.27 0.00	61.56 3.38 0.00	70.45 4.11 0.00	76.53 4.94 0.00	88.55 6.41 0.00	99.50 7.96 0.00	110.25 9.84 -0.01	139.60 10.94 -0.01	174.65 13.13 -1.39	196.94 13.45 -1.71	167.09 10.70 -1.27	121.87 8.40 -0.01	95.28 5.90 -0.01	75.48 3.93 -0.01	64.89 2.62 -0.01
ASTORIA___2 24149	53.71 3.46 -0.01	50.35 3.51 -0.01	49.13 3.30 -0.01	45.38 3.09 -0.01	45.73 2.95 -0.01	49.22 3.22 0.00	52.13 3.14 0.00	54.94 3.21 0.00	57.73 3.22 0.00	60.41 3.09 0.00	61.39 3.20 0.00	70.25 3.91 0.00	76.39 4.80 0.00	88.22 6.08 0.00	99.23 7.69 0.00	109.84 9.43 -0.01	139.08 10.42 -0.01	174.16 12.65 -1.39	196.40 12.91 -1.71	166.62 10.24 -1.27	121.53 8.06 -0.01	94.93 5.54 -0.01	75.19 3.65 -0.01	64.77 2.49 -0.01
ASTORIA___3 23516	53.56 3.32 0.00	50.20 3.37 0.00	48.98 3.16 0.00	45.20 2.92 0.00	45.55 2.78 0.00	49.03 3.04 0.00	52.03 3.04 0.00	55.05 3.31 0.00	57.90 3.38 0.00	60.70 3.38 0.00	61.56 3.37 0.00	70.32 3.98 0.00	76.39 4.80 0.00	88.06 5.92 0.00	98.95 7.41 0.00	109.63 9.23 0.00	138.82 10.16 0.00	172.29 12.16 0.00	193.96 12.18 0.00	164.89 9.78 0.01	121.06 7.60 0.01	94.64 5.27 0.01	74.90 3.36 0.00	64.51 2.24 0.00
ASTORIA___4 23517	53.51 3.27 0.00	49.97 3.14 0.00	48.79 2.98 0.00	45.12 2.83 0.00	45.51 2.74 0.00	48.85 2.85 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.70 3.38 0.00	61.56 3.38 0.00	70.32 3.98 0.00	76.32 4.73 0.00	88.13 6.00 0.00	98.95 7.41 0.00	109.64 9.24 0.00	138.82 10.16 0.00	172.29 12.17 0.00	193.96 12.18 0.00	164.88 9.77 0.01	121.06 7.60 0.01	94.64 5.27 0.01	75.04 3.51 0.00	64.51 2.24 0.00
ASTORIA___5 23518	53.56 3.32 0.00	50.20 3.37 0.00	48.98 3.16 0.00	45.20 2.92 0.00	45.55 2.78 0.00	49.03 3.04 0.00	52.03 3.04 0.00	55.05 3.31 0.00	57.90 3.38 0.00	60.70 3.38 0.00	61.56 3.37 0.00	70.32 3.98 0.00	76.39 4.80 0.00	88.06 5.92 0.00	98.95 7.41 0.00	109.63 9.23 0.00	138.82 10.16 0.00	172.29 12.16 0.00	193.96 12.18 0.00	164.89 9.78 0.01	121.06 7.60 0.01	94.64 5.27 0.01	74.90 3.36 0.00	64.51 2.24 0.00
AST_ENERGY_2_CC3 323677	37.33 3.22 16.13	37.33 3.09 12.59	37.33 2.89 11.37	37.33 2.67 7.62	37.33 2.52 7.96	37.33 2.81 11.47	37.33 2.94 14.60	37.33 3.31 17.72	37.33 3.38 20.57	37.33 3.38 23.37	39.42 3.37 22.14	46.43 4.05 23.95	52.30 4.94 24.23	63.97 6.08 24.25	76.31 7.51 22.74	86.51 9.23 23.12	98.00 10.30 40.95	120.01 12.50 52.61	142.76 12.72 51.74	118.50 10.24 46.85	88.55 8.06 32.97	70.55 5.54 24.37	50.81 3.58 24.30	41.83 2.24 22.67
AST_ENERGY_2_CC4 323678	37.33 3.22 16.13	37.33 3.09 12.59	37.33 2.89 11.37	37.33 2.67 7.62	37.33 2.52 7.96	37.33 2.81 11.47	37.33 2.94 14.60	37.33 3.31 17.72	37.33 3.38 20.57	37.33 3.38 23.37	39.42 3.37 22.14	46.43 4.05 23.95	52.30 4.94 24.23	63.97 6.08 24.25	76.31 7.51 22.74	86.51 9.23 23.12	98.00 10.30 40.95	120.01 12.50 52.61	142.76 12.72 51.74	118.50 10.24 46.85	88.55 8.06 32.97	70.55 5.54 24.37	50.81 3.58 24.30	41.83 2.24 22.67

ATHENS_STG_1 23668	51.75 1.51 0.00	48.28 1.45 0.00	47.38 1.56 0.00	43.80 1.52 0.00	44.18 1.41 0.00	47.51 1.52 0.00	50.31 1.32 0.00	53.18 1.45 0.00	55.93 1.42 0.00	58.69 1.37 0.00	59.53 1.34 0.00	67.93 1.59 0.00	73.74 2.15 0.00	84.85 2.71 0.00	95.01 3.48 0.00	104.42 4.02 0.00	132.77 4.12 0.00	165.40 5.28 0.00	187.05 5.27 0.00	159.46 4.34 0.00	117.20 3.74 0.00	92.32 2.95 0.00	73.33 1.79 0.00	63.26 0.99 0.00
ATHENS_STG_2 23670	51.75 1.51 0.00	48.28 1.45 0.00	47.38 1.56 0.00	43.80 1.52 0.00	44.18 1.41 0.00	47.51 1.52 0.00	50.31 1.32 0.00	53.18 1.45 0.00	55.93 1.42 0.00	58.69 1.37 0.00	59.53 1.34 0.00	67.93 1.59 0.00	73.74 2.15 0.00	84.85 2.71 0.00	95.01 3.48 0.00	104.42 4.02 0.00	132.77 4.12 0.00	165.40 5.28 0.00	187.05 5.27 0.00	159.46 4.34 0.00	117.20 3.74 0.00	92.32 2.95 0.00	73.33 1.79 0.00	63.26 0.99 0.00
ATHENS_STG_3 23677	51.75 1.51 0.00	48.28 1.45 0.00	47.38 1.56 0.00	43.80 1.52 0.00	44.18 1.41 0.00	47.51 1.52 0.00	50.31 1.32 0.00	53.18 1.45 0.00	55.93 1.42 0.00	58.69 1.37 0.00	59.53 1.34 0.00	67.93 1.59 0.00	73.74 2.15 0.00	84.85 2.71 0.00	95.01 3.48 0.00	104.42 4.02 0.00	132.77 4.12 0.00	165.40 5.28 0.00	187.05 5.27 0.00	159.46 4.34 0.00	117.20 3.74 0.00	92.32 2.95 0.00	73.33 1.79 0.00	63.26 0.99 0.00
AUBURN___LFGE 323710	51.10 0.85 0.00	47.77 0.94 0.00	46.41 0.60 0.00	42.71 0.42 0.00	43.16 0.38 0.00	46.46 0.46 0.00	49.24 0.24 0.00	52.10 0.36 0.00	55.01 0.49 0.00	58.12 0.80 0.00	59.24 1.05 0.00	67.47 1.13 0.00	73.38 1.79 0.00	84.44 2.30 0.00	94.38 2.84 0.00	102.81 2.41 0.00	131.23 2.57 0.00	162.76 2.56 -0.08	186.09 4.00 -0.31	158.65 3.41 -0.12	116.41 2.95 0.00	91.97 2.59 0.00	73.47 1.93 0.00	63.58 1.31 0.00
BABYLON_RES_REC 323704	53.66 3.42 0.00	50.71 3.88 0.00	49.48 3.67 0.00	45.58 3.30 0.00	45.64 2.87 0.00	49.35 3.36 0.00	52.32 3.33 0.00	54.42 2.69 0.00	56.03 1.85 0.34	57.04 1.78 2.06	60.63 2.44 0.00	69.12 2.85 0.07	75.15 3.58 0.03	86.16 4.19 0.16	97.23 5.86 0.17	108.73 8.33 0.00	138.70 10.04 0.00	169.84 12.81 3.10	190.14 12.18 3.82	161.76 9.46 2.82	119.68 6.24 0.02	93.04 3.67 0.00	71.63 1.00 0.91	57.67 0.87 5.47
BALL_HILL_WT_PWR 323825	51.65 1.40 0.00	48.51 1.68 0.00	46.50 0.69 0.00	42.50 0.21 0.00	43.24 0.47 0.00	45.95 -0.05 0.00	48.60 -0.39 0.00	51.32 -0.42 0.00	54.85 0.33 0.00	58.92 1.60 0.00	60.58 2.39 0.00	68.66 2.32 0.00	75.31 3.72 0.00	86.65 4.51 0.00	96.39 4.85 0.00	103.31 2.91 0.00	130.71 2.05 0.00	160.61 0.48 0.00	183.60 1.82 0.00	156.21 1.09 0.00	115.27 1.81 0.00	91.61 2.24 0.00	74.61 3.07 0.00	65.20 2.93 0.00
BARON_WINDS___WT_PWR 323822	51.75 1.51 0.00	48.47 1.64 0.00	46.69 0.87 0.00	42.87 0.59 0.00	43.58 0.81 0.00	46.50 0.51 0.00	49.24 0.25 0.00	51.89 0.16 0.00	54.90 0.38 0.00	58.40 1.09 0.00	59.70 1.51 0.00	67.80 1.46 0.00	74.10 2.50 0.00	85.18 3.04 0.00	94.93 3.39 0.00	102.21 1.81 0.00	129.94 1.29 0.00	160.48 0.32 -0.03	183.73 1.82 -0.14	157.04 1.87 -0.05	116.08 2.61 0.00	92.15 2.77 0.00	74.54 3.00 0.00	64.82 2.55 0.00
BARRETT_IC_1 23704	53.76 3.52 0.00	50.67 3.84 0.00	49.44 3.62 0.00	45.62 3.34 0.00	45.68 2.91 0.00	49.35 3.36 0.00	52.22 3.23 0.00	54.53 2.79 0.00	56.62 2.12 0.02	59.34 2.12 0.10	60.87 2.68 0.00	69.72 3.38 0.00	75.74 4.15 0.00	86.90 4.76 0.00	97.85 6.31 0.00	108.84 8.43 0.00	138.70 10.04 0.00	180.38 12.50 -7.76	203.13 11.81 -9.54	171.32 9.15 -7.05	119.93 6.46 0.00	93.67 4.29 0.00	75.26 2.00 -1.73	73.72 1.49 -9.96
BARRETT_IC_10 23701	53.76 3.52 0.00	50.67 3.84 0.00	49.44 3.62 0.00	45.62 3.34 0.00	45.68 2.91 0.00	49.35 3.36 0.00	52.22 3.23 0.00	54.53 2.79 0.00	56.62 2.12 0.02	59.34 2.12 0.10	60.87 2.68 0.00	69.72 3.38 0.00	75.74 4.15 0.00	86.90 4.76 0.00	97.83 6.31 0.02	108.84 8.43 0.00	138.70 10.04 0.00	81.34 12.50 91.28	81.34 11.81 112.25	81.34 9.15 82.93	119.93 6.46 0.00	93.67 4.29 0.00	75.26 2.00 -1.73	73.72 1.49 -9.96
BARRETT_IC_11 23702	53.76 3.52 0.00	50.67 3.84 0.00	49.44 3.62 0.00	45.62 3.34 0.00	45.68 2.91 0.00	49.35 3.36 0.00	52.22 3.23 0.00	54.53 2.79 0.00	56.62 2.12 0.02	59.34 2.12 0.10	60.87 2.68 0.00	69.72 3.38 0.00	75.74 4.15 0.00	86.90 4.76 0.00	97.83 6.31 0.02	108.84 8.43 0.00	138.70 10.04 0.00	81.34 12.50 91.28	81.34 11.81 112.25	81.34 9.15 82.93	119.93 6.46 0.00	93.67 4.29 0.00	75.26 2.00 -1.73	73.72 1.49 -9.96
BARRETT_IC_12 23703	53.76 3.52 0.00	50.67 3.84 0.00	49.44 3.62 0.00	45.62 3.34 0.00	45.68 2.91 0.00	49.35 3.36 0.00	52.22 3.23 0.00	54.53 2.79 0.00	56.62 2.12 0.02	59.34 2.12 0.10	60.87 2.68 0.00	69.72 3.38 0.00	75.74 4.15 0.00	86.90 4.76 0.00	97.83 6.31 0.02	108.84 8.43 0.00	138.70 10.04 0.00	81.34 12.50 91.28	81.34 11.81 112.25	81.34 9.15 82.93	119.93 6.46 0.00	93.67 4.29 0.00	75.26 2.00 -1.73	73.72 1.49 -9.96
BARRETT_IC_2 23705	53.76 3.52 0.00	50.67 3.84 0.00	49.44 3.62 0.00	45.62 3.34 0.00	45.68 2.91 0.00	49.35 3.36 0.00	52.22 3.23 0.00	54.53 2.79 0.00	56.62 2.12 0.02	59.34 2.12 0.10	60.87 2.68 0.00	69.72 3.38 0.00	75.74 4.15 0.00	86.90 4.76 0.00	97.85 6.31 0.00	108.84 8.43 0.00	138.70 10.04 0.00	180.38 12.50 -7.76	203.13 11.81 -9.54	171.32 9.15 -7.05	119.93 6.46 0.00	93.67 4.29 0.00	75.26 2.00 -1.73	73.72 1.49 -9.96
BARRETT_IC_3 23706	53.76 3.52 0.00	50.67 3.84 0.00	49.44 3.62 0.00	45.62 3.34 0.00	45.68 2.91 0.00	49.35 3.36 0.00	52.22 3.23 0.00	54.53 2.79 0.00	56.62 2.12 0.02	59.34 2.12 0.10	60.87 2.68 0.00	69.72 3.38 0.00	75.74 4.15 0.00	86.90 4.76 0.00	97.85 6.31 0.00	108.84 8.43 0.00	138.70 10.04 0.00	180.38 12.50 -7.76	203.13 11.81 -9.54	171.32 9.15 -7.05	119.93 6.46 0.00	93.67 4.29 0.00	75.26 2.00 -1.73	73.72 1.49 -9.96
BARRETT_IC_4 23707	53.76 3.52 0.00	50.67 3.84 0.00	49.44 3.62 0.00	45.62 3.34 0.00	45.68 2.91 0.00	49.35 3.36 0.00	52.22 3.23 0.00	54.53 2.79 0.00	56.62 2.12 0.02	59.34 2.12 0.10	60.87 2.68 0.00	69.72 3.38 0.00	75.74 4.15 0.00	86.90 4.76 0.00	97.85 6.31 0.00	108.84 8.43 0.00	138.70 10.04 0.00	180.38 12.50 -7.76	203.13 11.81 -9.54	171.32 9.15 -7.05	119.93 6.46 0.00	93.67 4.29 0.00	75.26 2.00 -1.73	73.72 1.49 -9.96
BARRETT_IC_5 23708	53.76 3.52 0.00	50.67 3.84 0.00	49.44 3.62 0.00	45.62 3.34 0.00	45.68 2.91 0.00	49.35 3.36 0.00	52.22 3.23 0.00	54.53 2.79 0.00	56.62 2.12 0.02	59.34 2.12 0.10	60.87 2.68 0.00	69.72 3.38 0.00	75.74 4.15 0.00	86.90 4.76 0.00	97.85 6.31 0.00	108.84 8.43 0.00	138.70 10.04 0.00	180.38 12.50 -7.76	203.13 11.81 -9.54	171.32 9.15 -7.05	119.93 6.46 0.00	93.67 4.29 0.00	75.26 2.00 -1.73	73.72 1.49 -9.96

BARRETT_IC_6 23709	53.76 3.52 0.00	50.67 3.84 0.00	49.44 3.62 0.00	45.62 3.34 0.00	45.68 2.91 0.00	49.35 3.36 0.00	52.22 3.23 0.00	54.53 2.79 0.00	56.62 2.12 0.02	59.34 2.12 0.10	60.87 2.68 0.00	69.72 3.38 0.00	75.74 4.15 0.00	86.90 4.76 0.00	97.85 6.31 0.00	108.84 8.43 0.00	138.70 10.04 0.00	180.38 12.50 -7.76	203.13 11.81 -9.54	171.32 9.15 -7.05	119.93 6.46 0.00	93.67 4.29 0.00	75.26 2.00 -1.73	73.72 1.49 -9.96
BARRETT_IC_7 23710	53.76 3.52 0.00	50.48 3.65 0.00	49.16 3.34 0.00	45.33 3.04 0.00	45.64 2.87 0.00	48.85 2.85 0.00	51.78 2.79 0.00	54.06 2.33 0.00	56.57 2.07 0.02	59.34 2.12 0.10	60.87 2.68 0.00	69.72 3.38 0.00	75.67 4.08 0.00	86.98 4.85 0.00	97.85 6.32 0.00	108.83 8.43 0.00	138.69 10.04 0.00	180.37 12.49 -7.76	203.13 11.82 -9.54	171.32 9.15 -7.05	119.93 6.47 0.00	93.67 4.29 0.00	76.91 3.65 -1.73	73.72 1.49 -9.96
BARRETT_IC_8 23711	53.76 3.52 0.00	50.67 3.84 0.00	49.44 3.62 0.00	45.62 3.34 0.00	45.68 2.91 0.00	49.35 3.36 0.00	52.22 3.23 0.00	54.53 2.79 0.00	56.62 2.12 0.02	59.34 2.12 0.10	60.87 2.68 0.00	69.72 3.38 0.00	75.74 4.15 0.00	86.90 4.76 0.00	97.85 6.31 0.00	108.84 8.43 0.00	138.70 10.04 0.00	180.38 12.50 -7.76	203.13 11.81 -9.54	171.32 9.15 -7.05	119.93 6.46 0.00	93.67 4.29 0.00	75.26 2.00 -1.73	73.72 1.49 -9.96
BARRETT_IC_9 23700	53.76 3.52 0.00	50.67 3.84 0.00	49.44 3.62 0.00	45.62 3.34 0.00	45.68 2.91 0.00	49.35 3.36 0.00	52.22 3.23 0.00	54.53 2.79 0.00	56.62 2.12 0.02	59.34 2.12 0.10	60.87 2.68 0.00	69.72 3.38 0.00	75.74 4.15 0.00	86.90 4.76 0.00	97.83 6.31 0.02	108.84 8.43 0.00	138.70 10.04 0.00	81.34 12.50 91.28	81.34 11.81 112.25	81.34 9.15 82.93	119.93 6.46 0.00	93.67 4.29 0.00	75.26 2.00 -1.73	73.72 1.49 -9.96
BARRETT___1 23545	53.76 3.52 0.00	50.67 3.84 0.00	49.44 3.62 0.00	45.62 3.34 0.00	45.68 2.91 0.00	49.35 3.36 0.00	52.22 3.23 0.00	54.53 2.79 0.00	56.62 2.12 0.02	59.34 2.12 0.10	60.87 2.68 0.00	69.72 3.38 0.00	75.74 4.15 0.00	86.90 4.76 0.00	97.85 6.31 0.00	108.84 8.43 0.00	138.70 10.04 0.00	180.38 12.50 -7.76	203.13 11.81 -9.54	171.32 9.15 -7.05	119.93 6.46 0.00	93.67 4.29 0.00	75.26 2.00 -1.73	73.72 1.49 -9.96
BARRETT___2 23546	53.76 3.52 0.00	50.67 3.84 0.00	49.44 3.62 0.00	45.62 3.34 0.00	45.68 2.91 0.00	49.35 3.36 0.00	52.22 3.23 0.00	54.53 2.79 0.00	56.62 2.12 0.02	59.34 2.12 0.10	60.87 2.68 0.00	69.72 3.38 0.00	75.74 4.15 0.00	86.90 4.76 0.00	97.83 6.31 0.02	108.84 8.43 0.00	138.70 10.04 0.00	81.34 12.50 91.28	81.34 11.81 112.25	81.34 9.15 82.93	119.93 6.46 0.00	93.67 4.29 0.00	75.26 2.00 -1.73	73.72 1.49 -9.96
BATAVIA___115KV_TB1 55881	52.40 2.16 0.00	49.83 3.00 0.00	47.65 1.83 0.00	43.21 0.93 0.00	43.45 0.68 0.00	46.92 0.92 0.00	49.29 0.29 0.00	51.89 0.16 0.00	55.17 0.65 0.00	59.04 1.72 0.00	60.58 2.39 0.00	68.79 2.45 0.00	75.53 3.94 0.00	85.18 3.04 0.00	94.74 3.20 0.00	102.41 2.01 0.00	129.94 1.29 0.00	159.96 -0.16 0.00	183.60 1.82 0.00	156.21 1.09 0.00	114.94 1.48 0.00	91.43 2.06 0.00	73.75 2.22 0.00	65.63 3.36 0.00
BAYONEEC___CTG1 323682	53.51 3.26 0.00	49.97 3.14 0.00	48.75 2.93 0.00	45.03 2.75 0.00	45.38 2.61 0.00	48.90 2.90 0.00	51.98 2.99 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.81 3.50 0.00	61.56 3.37 0.00	70.45 4.11 0.00	76.60 5.01 0.00	88.30 6.16 0.00	99.05 7.51 0.00	109.63 9.23 0.00	139.07 10.42 0.00	172.62 12.50 0.00	194.50 12.72 0.00	165.35 10.24 0.00	121.52 8.06 0.00	94.92 5.54 0.00	75.11 3.58 0.00	64.57 2.31 0.00
BAYONEEC___CTG10 323750	53.51 3.26 0.00	49.97 3.14 0.00	48.75 2.93 0.00	45.03 2.75 0.00	45.38 2.61 0.00	48.90 2.90 0.00	51.98 2.99 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.81 3.50 0.00	61.56 3.37 0.00	70.45 4.11 0.00	76.60 5.01 0.00	88.30 6.16 0.00	99.05 7.51 0.00	109.63 9.23 0.00	139.07 10.42 0.00	172.62 12.50 0.00	194.50 12.72 0.00	165.35 10.24 0.00	121.52 8.06 0.00	94.92 5.54 0.00	75.11 3.58 0.00	64.57 2.31 0.00
BAYONEEC___CTG2 323683	53.51 3.26 0.00	49.97 3.14 0.00	48.75 2.93 0.00	45.03 2.75 0.00	45.38 2.61 0.00	48.90 2.90 0.00	51.98 2.99 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.81 3.50 0.00	61.56 3.37 0.00	70.45 4.11 0.00	76.60 5.01 0.00	88.30 6.16 0.00	99.05 7.51 0.00	109.63 9.23 0.00	139.07 10.42 0.00	172.62 12.50 0.00	194.50 12.72 0.00	165.35 10.24 0.00	121.52 8.06 0.00	94.92 5.54 0.00	75.11 3.58 0.00	64.57 2.31 0.00
BAYONEEC___CTG3 323684	53.51 3.26 0.00	49.97 3.14 0.00	48.75 2.93 0.00	45.03 2.75 0.00	45.38 2.61 0.00	48.90 2.90 0.00	51.98 2.99 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.81 3.50 0.00	61.56 3.37 0.00	70.45 4.11 0.00	76.60 5.01 0.00	88.30 6.16 0.00	99.05 7.51 0.00	109.63 9.23 0.00	139.07 10.42 0.00	172.62 12.50 0.00	194.50 12.72 0.00	165.35 10.24 0.00	121.52 8.06 0.00	94.92 5.54 0.00	75.11 3.58 0.00	64.57 2.31 0.00
BAYONEEC___CTG4 323685	53.51 3.26 0.00	49.97 3.14 0.00	48.75 2.93 0.00	45.03 2.75 0.00	45.38 2.61 0.00	48.90 2.90 0.00	51.98 2.99 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.81 3.50 0.00	61.56 3.37 0.00	70.45 4.11 0.00	76.60 5.01 0.00	88.30 6.16 0.00	99.05 7.51 0.00	109.63 9.23 0.00	139.07 10.42 0.00	172.62 12.50 0.00	194.50 12.72 0.00	165.35 10.24 0.00	121.52 8.06 0.00	94.92 5.54 0.00	75.11 3.58 0.00	64.57 2.31 0.00
BAYONEEC___CTG5 323686	53.51 3.26 0.00	49.97 3.14 0.00	48.75 2.93 0.00	45.03 2.75 0.00	45.38 2.61 0.00	48.90 2.90 0.00	51.98 2.99 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.81 3.50 0.00	61.56 3.37 0.00	70.45 4.11 0.00	76.60 5.01 0.00	88.30 6.16 0.00	99.05 7.51 0.00	109.63 9.23 0.00	139.07 10.42 0.00	172.62 12.50 0.00	194.50 12.72 0.00	165.35 10.24 0.00	121.52 8.06 0.00	94.92 5.54 0.00	75.11 3.58 0.00	64.57 2.31 0.00
BAYONEEC___CTG6 323687	53.51 3.26 0.00	49.97 3.14 0.00	48.75 2.93 0.00	45.03 2.75 0.00	45.38 2.61 0.00	48.90 2.90 0.00	51.98 2.99 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.81 3.50 0.00	61.56 3.37 0.00	70.45 4.11 0.00	76.60 5.01 0.00	88.30 6.16 0.00	99.05 7.51 0.00	109.63 9.23 0.00	139.07 10.42 0.00	172.62 12.50 0.00	194.50 12.72 0.00	165.35 10.24 0.00	121.52 8.06 0.00	94.92 5.54 0.00	75.11 3.58 0.00	64.57 2.31 0.00
BAYONEEC___CTG7 323688	53.51 3.26 0.00	49.97 3.14 0.00	48.75 2.93 0.00	45.03 2.75 0.00	45.38 2.61 0.00	48.90 2.90 0.00	51.98 2.99 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.81 3.50 0.00	61.56 3.37 0.00	70.45 4.11 0.00	76.60 5.01 0.00	88.30 6.16 0.00	99.05 7.51 0.00	109.63 9.23 0.00	139.07 10.42 0.00	172.62 12.50 0.00	194.50 12.72 0.00	165.35 10.24 0.00	121.52 8.06 0.00	94.92 5.54 0.00	75.11 3.58 0.00	64.57 2.31 0.00

BAYONEEC___CTG8 323689	53.51 3.26 0.00	49.97 3.14 0.00	48.75 2.93 0.00	45.03 2.75 0.00	45.38 2.61 0.00	48.90 2.90 0.00	51.98 2.99 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.81 3.50 0.00	61.56 3.37 0.00	70.45 4.11 0.00	76.60 5.01 0.00	88.30 6.16 0.00	99.05 7.51 0.00	109.63 9.23 0.00	139.07 10.42 0.00	172.62 12.50 0.00	194.50 12.72 0.00	165.35 10.24 0.00	121.52 8.06 0.00	94.92 5.54 0.00	75.11 3.58 0.00	64.57 2.31 0.00
BAYONEEC___CTG9 323749	53.51 3.26 0.00	49.97 3.14 0.00	48.75 2.93 0.00	45.03 2.75 0.00	45.38 2.61 0.00	48.90 2.90 0.00	51.98 2.99 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.81 3.50 0.00	61.56 3.37 0.00	70.45 4.11 0.00	76.60 5.01 0.00	88.30 6.16 0.00	99.05 7.51 0.00	109.63 9.23 0.00	139.07 10.42 0.00	172.62 12.50 0.00	194.50 12.72 0.00	165.35 10.24 0.00	121.52 8.06 0.00	94.92 5.54 0.00	75.11 3.58 0.00	64.57 2.31 0.00
BEACON___LESR 323632	51.50 1.26 0.00	47.91 1.08 0.00	46.96 1.15 0.00	43.30 1.01 0.00	43.67 0.90 0.00	47.01 1.01 0.00	49.82 0.83 0.00	52.72 0.98 0.00	55.44 0.93 0.00	58.18 0.86 0.00	58.94 0.75 0.00	67.27 0.93 0.00	73.10 1.51 0.00	84.11 1.97 0.00	94.28 2.74 0.00	103.91 3.51 0.00	132.25 3.60 0.00	165.40 5.28 0.00	187.42 5.64 0.00	159.62 4.50 0.00	117.20 3.74 0.00	89.48 2.95 2.85	73.33 1.79 0.00	63.26 0.99 0.00
BEAVER RIVER___HYD 24048	51.65 1.40 0.00	47.95 1.12 0.00	46.87 1.05 0.00	43.60 1.31 0.00	43.97 1.20 0.00	47.65 1.65 0.00	50.75 1.76 0.00	53.44 1.70 0.00	55.93 1.42 0.00	58.40 1.09 0.00	58.94 0.75 0.00	67.07 0.73 0.00	72.38 0.79 0.00	83.53 1.40 0.00	93.00 1.46 0.00	102.11 1.71 0.00	131.36 2.71 0.00	164.84 4.65 -0.07	189.14 7.08 -0.28	163.14 7.91 -0.11	118.34 4.88 0.00	93.76 4.38 0.00	74.04 2.50 0.00	64.20 1.93 0.00
BEEBEE_GT_13 23619	51.35 1.11 0.00	48.56 1.73 0.00	46.73 0.92 0.00	42.79 0.51 0.00	43.03 0.26 0.00	46.46 0.46 0.00	48.94 -0.05 0.00	51.63 -0.10 0.00	54.84 0.33 0.00	58.46 1.15 0.00	59.88 1.69 0.00	68.20 1.86 0.00	74.53 2.94 0.00	85.34 3.20 0.00	95.11 3.57 0.00	103.21 2.81 0.00	131.23 2.57 0.00	161.88 1.76 0.00	184.87 3.09 0.00	157.29 2.17 0.00	115.51 2.04 0.00	91.79 2.41 0.00	73.75 2.22 0.00	64.45 2.18 0.00
BENSHRST_27_KV_BENSHRST_1 355998	53.96 3.72 0.00	50.44 3.61 0.00	49.30 3.48 0.00	45.59 3.30 -0.01	46.03 3.25 -0.01	49.26 3.27 0.00	52.18 3.18 0.00	55.36 3.62 0.00	58.17 3.65 0.00	61.16 3.84 0.00	62.09 3.90 0.00	70.91 4.58 0.00	77.03 5.44 0.00	89.04 6.90 0.00	99.96 8.42 0.00	110.94 10.54 0.00	139.97 11.32 0.00	173.89 13.77 0.00	195.77 14.00 0.00	166.28 11.17 0.01	122.19 8.74 0.01	95.36 5.99 0.01	75.76 4.22 0.00	65.13 2.86 0.00
BETHLEHEM___GRP 23843	50.64 0.40 0.00	47.11 0.28 0.00	46.23 0.41 0.00	42.66 0.38 0.00	43.07 0.30 0.00	46.27 0.28 0.00	49.09 0.10 0.00	51.89 0.16 0.00	54.57 0.05 0.00	57.26 -0.06 0.00	58.07 -0.12 0.00	66.21 -0.13 0.00	71.88 0.29 0.00	82.80 0.66 0.00	92.64 1.10 0.00	101.91 1.51 0.00	129.68 1.03 0.00	161.72 1.60 0.00	183.23 1.45 0.00	156.21 1.09 0.00	114.83 1.36 0.00	87.89 1.07 2.56	71.89 0.36 0.00	62.08 -0.19 0.00
BETHLEHEM___GS1 323560	50.64 0.40 0.00	47.20 0.37 0.00	46.27 0.46 0.00	42.71 0.42 0.00	43.07 0.30 0.00	46.36 0.37 0.00	49.14 0.15 0.00	51.94 0.21 0.00	54.63 0.11 0.00	57.26 -0.06 0.00	58.07 -0.12 0.00	66.21 -0.13 0.00	71.88 0.29 0.00	82.72 0.58 0.00	92.64 1.10 0.00	101.91 1.51 0.00	129.68 1.02 0.00	161.72 1.60 0.00	183.22 1.45 0.00	156.21 1.09 0.00	114.83 1.37 0.00	87.90 1.08 2.56	71.90 0.36 0.00	62.08 -0.19 0.00
BETHLEHEM___GS2 323561	50.64 0.40 0.00	47.20 0.37 0.00	46.27 0.46 0.00	42.71 0.42 0.00	43.07 0.30 0.00	46.36 0.37 0.00	49.14 0.15 0.00	51.94 0.21 0.00	54.63 0.11 0.00	57.26 -0.06 0.00	58.07 -0.12 0.00	66.21 -0.13 0.00	71.88 0.29 0.00	82.72 0.58 0.00	92.64 1.10 0.00	101.91 1.51 0.00	129.68 1.02 0.00	161.72 1.60 0.00	183.22 1.45 0.00	156.21 1.09 0.00	114.83 1.37 0.00	87.90 1.08 2.56	71.90 0.36 0.00	62.08 -0.19 0.00
BETHLEHEM___GS3 323562	50.64 0.40 0.00	47.20 0.37 0.00	46.27 0.46 0.00	42.71 0.42 0.00	43.07 0.30 0.00	46.36 0.37 0.00	49.14 0.15 0.00	51.94 0.21 0.00	54.63 0.11 0.00	57.26 -0.06 0.00	58.07 -0.12 0.00	66.21 -0.13 0.00	71.88 0.29 0.00	82.72 0.58 0.00	92.64 1.10 0.00	101.91 1.51 0.00	129.68 1.02 0.00	161.72 1.60 0.00	183.22 1.45 0.00	156.21 1.09 0.00	114.83 1.37 0.00	87.90 1.08 2.56	71.90 0.36 0.00	62.08 -0.19 0.00
BETHLEHEM___STEEL 23779	51.40 1.16 0.00	48.98 2.15 0.00	46.87 1.05 0.00	42.79 0.51 0.00	43.03 0.26 0.00	46.27 0.28 0.00	48.60 -0.39 0.00	51.17 -0.57 0.00	54.52 0.00 0.00	58.58 1.26 0.00	60.23 2.04 0.00	68.26 1.92 0.00	75.10 3.51 0.00	86.16 4.02 0.00	95.75 4.21 0.00	102.81 2.41 0.00	130.07 1.42 0.00	159.80 -0.32 0.00	182.69 0.91 0.00	155.27 0.16 0.00	114.60 1.13 0.00	90.99 1.61 0.00	73.83 2.29 0.00	64.88 2.62 0.00
BETHLHEM_115KV_TB1 79974	50.74 0.50 0.00	47.25 0.42 0.00	46.32 0.50 0.00	42.79 0.51 0.00	43.20 0.43 0.00	46.41 0.41 0.00	49.24 0.24 0.00	52.05 0.31 0.00	54.74 0.22 0.00	57.43 0.11 0.00	58.25 0.06 0.00	66.40 0.07 0.00	72.09 0.50 0.00	83.04 0.90 0.00	92.82 1.28 0.00	102.11 1.71 0.00	129.94 1.29 0.00	162.21 2.08 0.00	183.60 1.82 0.00	156.52 1.40 0.00	115.05 1.59 0.00	88.26 1.25 2.37	72.11 0.57 0.00	62.27 0.00 0.00
BETHPAGE_CC_5 323564	53.81 3.57 0.00	50.81 3.98 0.00	49.67 3.85 0.00	45.75 3.47 0.00	45.85 3.08 0.00	49.54 3.54 0.00	52.37 3.38 0.00	54.58 2.84 0.00	56.33 2.12 0.32	57.60 2.18 1.89	60.93 2.74 0.00	69.73 3.45 0.05	75.87 4.30 0.02	87.04 5.01 0.11	98.01 6.59 0.12	109.44 9.04 0.00	139.46 10.81 0.00	171.05 13.60 2.67	191.59 13.10 3.29	162.93 10.24 2.43	120.37 6.92 0.01	93.76 4.38 0.00	72.40 1.65 0.78	58.80 1.24 4.71
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	51.50 1.26 0.00	49.03 2.20 0.00	46.87 1.05 0.00	42.79 0.51 0.00	43.07 0.30 0.00	46.27 0.28 0.00	48.70 -0.29 0.00	51.32 -0.41 0.00	54.68 0.16 0.00	58.81 1.49 0.00	60.46 2.27 0.00	68.53 2.19 0.00	75.39 3.79 0.00	86.57 4.44 0.00	96.21 4.67 0.00	103.31 2.91 0.00	130.71 2.06 0.00	160.60 0.48 0.00	183.41 1.64 0.00	155.89 0.78 0.00	115.05 1.59 0.00	91.25 1.88 0.00	74.04 2.50 0.00	65.01 2.74 0.00
BINGHAMTON___COGEN 23790	51.45 1.21 0.00	48.19 1.36 0.00	46.82 1.01 0.00	43.17 0.89 0.00	43.63 0.86 0.00	46.87 0.87 0.00	49.68 0.69 0.00	52.56 0.83 0.00	55.50 0.98 0.00	58.63 1.32 0.00	59.70 1.51 0.00	67.93 1.59 0.00	73.88 2.29 0.00	85.10 2.96 0.00	95.02 3.48 0.00	103.31 2.91 0.00	131.61 2.96 0.00	163.01 2.88 0.00	185.59 3.82 0.00	158.38 3.26 0.00	116.53 3.06 0.00	92.15 2.77 0.00	73.68 2.15 0.00	63.89 1.62 0.00

BIXINCNT_115KV_LOAD 355685	51.55 1.31 0.00	49.03 2.20 0.00	46.78 0.96 0.00	42.83 0.55 0.00	43.20 0.43 0.00	46.37 0.37 0.00	49.04 0.05 0.00	51.84 0.10 0.00	55.28 0.76 0.00	59.32 2.01 0.00	61.04 2.85 0.00	69.12 2.79 0.00	75.96 4.37 0.00	87.31 5.17 0.00	97.12 5.58 0.00	104.12 3.71 0.00	131.74 3.09 0.00	161.72 1.60 0.00	184.69 2.91 0.00	157.14 2.02 0.00	115.96 2.50 0.00	91.97 2.59 0.00	74.54 3.00 0.00	65.13 2.86 0.00
BLACK RIVER___HYD 24047	52.80 2.56 0.00	48.94 2.11 0.00	47.74 1.92 0.00	44.23 1.95 0.00	44.65 1.88 0.00	48.57 2.57 0.00	51.59 2.59 0.00	54.27 2.53 0.00	56.75 2.24 0.00	59.27 1.95 0.00	59.76 1.57 0.00	68.06 1.72 0.00	73.59 2.00 0.00	85.09 2.95 0.00	94.65 3.11 0.00	103.82 3.42 0.00	133.54 4.89 0.00	167.93 7.69 -0.12	193.71 11.46 -0.48	167.56 12.25 -0.19	122.08 8.62 0.00	96.35 6.98 0.00	76.12 4.58 0.00	65.75 3.48 0.00
BLACKRVR_115KV_TB2 79977	52.80 2.56 0.00	49.03 2.20 0.00	47.79 1.97 0.00	44.27 1.99 0.00	44.65 1.88 0.00	48.62 2.62 0.00	51.59 2.60 0.00	54.32 2.59 0.00	56.75 2.24 0.00	59.26 1.95 0.00	59.76 1.57 0.00	68.06 1.72 0.00	73.60 2.00 0.00	85.10 2.96 0.00	94.65 3.11 0.00	103.81 3.41 0.00	133.54 4.89 0.00	167.91 7.69 -0.10	193.63 11.45 -0.40	167.53 12.25 -0.16	122.09 8.62 0.00	96.35 6.97 0.00	76.04 4.51 0.00	65.75 3.49 0.00
BLDWN_LI_69_KV_BK4 356085	54.16 3.92 0.00	50.90 4.07 0.00	49.53 3.71 0.00	45.62 3.34 0.00	45.94 3.17 0.00	49.17 3.17 0.00	52.18 3.18 0.00	54.53 2.79 0.00	56.99 2.67 0.19	58.97 2.81 1.15	61.62 3.43 0.00	70.38 4.05 0.00	76.46 4.87 0.00	87.81 5.67 0.00	98.77 7.23 0.00	110.04 9.64 0.00	140.36 11.71 0.00	174.69 14.57 0.00	196.14 14.36 0.00	166.44 11.32 0.00	121.29 7.83 0.00	94.83 5.45 0.00	75.97 4.44 0.00	64.26 2.12 0.12
BLISS_WT_PWR 323608	51.55 1.30 0.00	48.37 1.54 0.00	46.23 0.41 0.00	42.41 0.13 0.00	43.15 0.38 0.00	45.91 -0.09 0.00	48.75 -0.24 0.00	51.68 -0.05 0.00	55.28 0.76 0.00	59.38 2.06 0.00	61.04 2.85 0.00	69.12 2.79 0.00	75.82 4.22 0.00	87.32 5.18 0.00	97.12 5.58 0.00	104.01 3.61 0.00	131.74 3.08 0.00	161.72 1.60 0.00	184.68 2.90 0.00	157.13 2.01 0.00	115.96 2.49 0.00	91.97 2.59 0.00	74.83 3.29 0.00	65.07 2.80 0.00
BLUESTONE___WT_PWR 323821	54.11 3.87 0.00	50.34 3.51 0.00	48.98 3.16 0.00	45.16 2.88 0.00	45.68 2.91 0.00	49.45 3.45 0.00	52.37 3.38 0.00	55.41 3.67 0.00	58.17 3.65 0.00	61.16 3.84 0.00	61.92 3.73 0.00	70.52 4.18 0.00	76.68 5.08 0.00	88.88 6.74 0.00	99.50 7.96 0.00	108.63 8.23 0.00	139.07 10.42 0.00	173.31 13.13 -0.05	198.36 16.37 -0.22	169.95 14.74 -0.09	124.59 11.13 0.00	98.23 8.85 0.00	77.98 6.44 0.00	67.25 4.98 0.00
BLUE_CIRC_CHEM_DRP 24182	50.29 0.05 0.00	46.83 0.00 0.00	45.95 0.14 0.00	42.45 0.17 0.00	42.86 0.09 0.00	46.00 0.00 0.00	48.75 -0.24 0.00	51.46 -0.26 0.02	50.16 -0.44 3.92	52.02 -0.63 4.67	53.90 -0.76 3.54	59.68 -0.86 5.80	63.67 -0.57 7.35	71.49 -0.33 10.32	78.39 -0.09 13.06	98.53 0.10 1.97	118.51 -0.51 9.63	141.50 -0.16 18.46	157.20 -0.18 24.40	138.02 -0.16 16.94	108.42 0.45 5.50	88.14 0.45 1.69	71.39 -0.14 0.00	61.71 -0.56 0.00
BOC_GAS_DRP 24189	51.05 0.80 0.00	47.53 0.70 0.00	46.64 0.82 0.00	43.09 0.80 0.00	43.54 0.77 0.00	46.73 0.74 0.00	49.58 0.59 0.00	52.36 0.62 0.00	55.37 0.60 -0.25	58.13 0.52 -0.30	58.88 0.47 -0.23	67.24 0.53 -0.37	72.99 0.93 -0.47	84.19 1.40 -0.66	94.20 1.83 -0.83	102.63 2.11 -0.13	131.20 1.93 -0.61	163.86 2.56 -1.18	185.88 2.54 -1.55	158.21 2.02 -1.08	115.74 1.93 -0.35	89.64 1.61 1.35	72.39 0.86 0.00	62.58 0.31 0.00
BOONVILLE_115KV_TB1 79983	51.90 1.66 0.00	48.28 1.45 0.00	47.15 1.33 0.00	43.68 1.40 0.00	44.14 1.37 0.00	47.79 1.79 0.00	50.80 1.81 0.00	53.60 1.86 0.00	56.26 1.74 0.00	58.98 1.66 0.00	59.64 1.45 0.00	68.00 1.66 0.00	73.53 1.93 0.00	85.01 2.87 0.00	94.83 3.30 0.00	103.91 3.51 0.00	132.90 4.25 0.00	166.21 6.08 0.00	189.59 7.82 0.00	162.88 7.76 0.00	118.68 5.22 0.00	93.76 4.38 0.00	74.18 2.65 0.00	64.26 1.99 0.00
BORALEX_4TH_BRANCH 23824	52.95 2.71 0.00	49.31 2.48 0.00	48.24 2.43 0.00	44.48 2.20 0.00	44.91 2.14 0.00	48.39 2.39 0.00	51.29 2.30 0.00	54.32 2.59 0.00	57.03 2.51 0.00	59.78 2.46 0.00	60.52 2.33 0.00	68.99 2.65 0.00	74.89 3.29 0.00	86.25 4.11 0.00	96.48 4.94 0.00	106.42 6.02 0.00	135.60 6.95 0.00	169.25 9.13 0.00	191.59 9.82 0.00	163.34 8.22 0.00	120.38 6.92 0.00	99.12 5.54 -4.20	75.26 3.72 0.00	64.88 2.62 0.00
BOWLINE___1 23526	52.85 2.61 0.00	49.36 2.53 0.00	48.15 2.34 0.00	44.48 2.20 0.00	44.87 2.10 0.00	48.30 2.30 0.00	51.34 2.35 0.00	54.37 2.64 0.00	57.13 2.62 0.00	60.01 2.69 0.00	60.87 2.68 0.00	69.52 3.18 0.00	75.60 4.01 0.00	87.07 4.93 0.00	97.67 6.13 0.00	107.73 7.33 0.00	136.90 8.24 0.00	170.05 9.93 0.00	191.77 9.99 0.00	163.18 8.06 0.00	120.04 6.58 0.00	94.11 4.73 0.00	74.47 2.93 0.00	64.13 1.87 0.00
BOWLINE___2 23595	52.75 2.51 0.00	49.31 2.48 0.00	48.11 2.29 0.00	44.48 2.20 0.00	44.82 2.05 0.00	48.25 2.25 0.00	51.25 2.25 0.00	54.27 2.53 0.00	57.08 2.56 0.00	59.90 2.58 0.00	60.75 2.56 0.00	69.46 3.12 0.00	75.46 3.86 0.00	86.90 4.76 0.00	97.48 5.95 0.00	107.63 7.23 0.00	136.63 7.98 0.00	169.89 9.77 0.00	191.41 9.63 0.00	163.03 7.91 0.00	119.81 6.35 0.00	93.93 4.56 0.00	74.32 2.79 0.00	64.01 1.74 0.00
BRADY___115KV_TB2 356060	50.29 0.05 0.00	46.64 -0.19 0.00	45.73 -0.09 0.00	42.20 -0.08 0.00	42.60 -0.17 0.00	45.86 -0.14 0.00	49.38 0.39 0.00	51.79 0.05 0.00	54.41 -0.11 0.00	56.69 -0.63 0.00	57.26 -0.93 0.00	65.28 -1.06 0.00	69.66 -1.93 0.00	79.51 -2.63 0.00	88.06 -3.48 0.00	97.09 -3.31 0.00	126.34 -2.32 0.00	158.52 -1.60 0.00	180.50 -1.27 0.00	155.27 0.16 0.00	112.67 -0.79 0.00	88.48 -0.89 0.00	71.25 -0.29 0.00	62.77 0.50 0.00
BRANSCOMB___SOLAR 323811	53.00 2.76 0.00	49.31 2.48 0.00	48.20 2.38 0.00	44.48 2.20 0.00	44.87 2.10 0.00	48.25 2.25 0.00	51.14 2.15 0.00	54.06 2.33 0.00	56.75 2.24 0.00	59.38 2.06 0.00	59.82 1.63 0.00	68.19 1.85 0.00	74.10 2.50 0.00	85.26 3.12 0.00	95.47 3.93 0.00	105.32 4.92 0.00	134.58 5.92 0.00	168.60 8.48 0.00	192.50 10.72 0.00	164.43 9.31 0.00	121.18 7.72 0.00	98.62 6.08 -3.16	75.68 4.15 0.00	65.32 3.05 0.00
BRDGHMPT_69_KV_BK1 55812	55.12 4.87 0.00	51.89 5.06 0.00	50.54 4.72 0.00	46.51 4.23 0.00	46.75 3.98 0.00	50.00 4.00 0.00	53.06 4.07 0.00	55.30 3.57 0.00	57.46 3.33 0.39	58.72 3.73 2.32	63.25 5.06 0.00	72.54 6.37 0.17	78.77 7.23 0.05	90.51 8.71 0.33	101.99 10.80 0.35	114.26 13.86 0.00	145.01 16.34 -0.01	209.90 20.66 -29.12	209.65 20.18 -7.70	169.32 17.53 3.33	124.89 11.46 0.04	96.71 7.33 0.00	75.56 5.15 1.12	58.35 2.80 6.72

BRENTWOD_69_KV_W. BRTWOOD 56703	54.36 4.12 0.00	51.28 4.45 0.00	49.89 4.08 0.00	45.92 3.64 0.00	46.19 3.42 0.00	49.40 3.40 0.00	52.42 3.43 0.00	54.48 2.74 0.00	56.48 2.34 0.38	57.39 2.35 2.28	61.39 3.20 0.00	70.28 3.98 0.04	75.97 4.44 0.07	86.56 4.85 0.42	97.60 6.50 0.44	109.54 9.14 0.00	139.85 11.19 0.00	170.84 14.25 3.54	191.06 13.63 4.35	162.61 10.70 3.21	120.45 7.03 0.05	93.58 4.20 0.00	73.95 3.51 1.09	57.31 1.56 6.52
BRISTLHL_115KV_TB1 79998	49.84 -0.40 0.00	46.55 -0.28 0.00	45.40 -0.41 0.00	41.82 -0.47 0.00	42.26 -0.51 0.00	45.49 -0.51 0.00	48.21 -0.78 0.00	51.01 -0.72 0.00	53.86 -0.65 0.00	56.80 -0.52 0.00	57.72 -0.47 0.00	65.81 -0.53 0.00	71.38 -0.21 0.00	82.14 0.00 0.00	91.72 0.18 0.00	100.30 -0.10 0.00	128.01 -0.64 0.00	158.93 -1.44 -0.25	181.87 -0.91 -1.00	154.74 -0.78 -0.40	113.24 -0.23 0.00	89.38 0.00 0.00	71.32 -0.21 0.00	61.83 -0.44 0.00
BROOKHAVEN___DRP 24191	53.71 3.47 0.00	50.62 3.79 0.00	49.30 3.48 0.00	45.37 3.09 0.00	45.64 2.87 0.00	48.76 2.76 0.00	51.78 2.79 0.00	53.80 2.07 0.00	55.66 1.53 0.39	56.54 1.55 2.32	60.69 2.50 0.00	69.42 3.25 0.17	75.34 3.79 0.05	86.58 4.76 0.33	97.60 6.41 0.34	109.54 9.14 0.00	139.99 11.32 -0.01	202.51 14.57 -27.82	202.80 13.82 -7.21	162.96 11.17 3.33	120.80 7.38 0.04	93.58 4.20 0.00	73.42 3.00 1.12	56.42 0.87 6.72
BROOKLYN_NAVY_YARD 23515	53.51 3.26 0.00	49.97 3.14 0.00	48.75 2.93 0.00	44.99 2.71 0.00	45.34 2.57 0.00	48.85 2.85 0.00	52.03 3.04 0.00	55.15 3.41 0.00	58.06 3.54 0.00	60.93 3.61 0.00	61.62 3.43 0.00	70.52 4.18 0.00	76.68 5.08 0.00	88.38 6.24 0.00	99.23 7.69 0.00	109.84 9.43 0.00	139.33 10.67 0.00	175.14 12.96 -2.06	197.57 13.26 -2.53	167.54 10.55 -1.87	121.86 8.40 0.00	95.10 5.73 0.00	75.32 3.79 0.00	64.69 2.43 0.00
BROOKLYN___ARMY_DRP 323595	53.66 3.42 0.00	50.15 3.32 0.00	49.07 3.25 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	49.03 3.04 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.45 4.11 0.00	76.46 4.87 0.00	88.38 6.24 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.29 0.00	172.62 12.49 0.00	194.32 12.54 0.00	165.04 9.93 0.01	121.29 7.83 0.01	94.64 5.27 0.01	75.26 3.72 0.00	64.70 2.43 0.00
BROOME_2_LFGE 323671	51.45 1.20 0.00	48.05 1.22 0.00	46.73 0.92 0.00	43.08 0.80 0.00	43.63 0.86 0.00	46.78 0.78 0.00	49.63 0.64 0.00	52.51 0.78 0.00	55.50 0.98 0.00	58.64 1.32 0.00	59.70 1.51 0.00	67.93 1.59 0.00	73.88 2.29 0.00	85.01 2.87 0.00	95.01 3.48 0.00	103.31 2.91 0.00	131.62 2.96 0.00	163.07 2.89 -0.06	185.85 3.82 -0.25	158.48 3.26 -0.10	116.41 2.95 0.00	92.15 2.77 0.00	73.76 2.22 0.00	63.88 1.62 0.00
BROOME___LFGE 323600	51.45 1.20 0.00	48.05 1.22 0.00	46.73 0.92 0.00	43.08 0.80 0.00	43.63 0.86 0.00	46.78 0.78 0.00	49.63 0.64 0.00	52.51 0.78 0.00	55.50 0.98 0.00	58.64 1.32 0.00	59.70 1.51 0.00	67.93 1.59 0.00	73.88 2.29 0.00	85.01 2.87 0.00	95.01 3.48 0.00	103.31 2.91 0.00	131.62 2.96 0.00	163.07 2.89 -0.06	185.85 3.82 -0.25	158.48 3.26 -0.10	116.41 2.95 0.00	92.15 2.77 0.00	73.76 2.22 0.00	63.88 1.62 0.00
BROWNFLS_115KV_TB_3_5 80003	50.69 0.45 0.00	47.06 0.23 0.00	46.05 0.23 0.00	42.71 0.42 0.00	42.98 0.21 0.00	46.37 0.37 0.00	49.63 0.64 0.00	52.20 0.47 0.00	54.79 0.27 0.00	57.09 -0.23 0.00	57.55 -0.64 0.00	65.54 -0.80 0.00	70.45 -1.15 0.00	80.99 -1.15 0.00	89.98 -1.56 0.00	98.89 -1.51 0.00	127.75 -0.90 0.00	160.48 0.32 -0.04	183.38 1.45 -0.15	157.97 2.79 -0.06	114.48 1.02 0.00	90.36 0.98 0.00	71.97 0.43 0.00	62.95 0.68 0.00
BROWNSV1_27_KV_LOAD 356125	54.06 3.82 0.00	50.34 3.51 0.00	49.12 3.30 0.00	45.37 3.09 0.00	45.76 2.99 0.00	49.17 3.17 0.00	52.42 3.43 0.00	55.67 3.93 0.00	58.61 4.09 0.00	61.56 4.24 0.00	62.38 4.19 0.00	71.38 5.04 0.00	77.61 6.01 0.00	89.61 7.47 0.00	100.51 8.97 0.00	111.24 10.84 0.00	141.13 12.48 0.00	175.18 15.05 0.00	197.41 15.63 0.00	167.84 12.72 0.00	123.33 9.87 0.00	96.35 6.97 0.00	76.26 4.72 0.00	65.44 3.18 0.00
BURROWS___LYONSDAL 23803	51.75 1.51 0.00	48.14 1.31 0.00	47.05 1.24 0.00	43.68 1.40 0.00	44.10 1.33 0.00	47.79 1.79 0.00	50.80 1.81 0.00	53.60 1.86 0.00	56.21 1.69 0.00	58.86 1.55 0.00	59.47 1.28 0.00	67.80 1.46 0.00	73.31 1.72 0.00	84.69 2.55 0.00	94.47 2.93 0.00	103.61 3.21 0.00	132.64 3.99 0.00	165.91 5.76 -0.03	189.70 7.82 -0.10	163.07 7.91 -0.04	118.57 5.11 0.00	93.76 4.38 0.00	74.11 2.58 0.00	64.20 1.93 0.00
CAITHNESS_CC_1 323624	53.66 3.42 0.00	50.76 3.93 0.00	49.57 3.76 0.00	45.67 3.38 0.00	45.68 2.91 0.00	49.45 3.45 0.00	52.37 3.38 0.00	54.42 2.69 0.00	55.65 1.52 0.39	56.48 1.49 2.32	60.58 2.39 0.00	69.36 3.18 0.16	75.33 3.79 0.05	86.33 4.51 0.32	97.43 6.23 0.34	109.24 8.84 0.00	139.59 10.93 -0.01	200.56 13.92 -26.51	201.76 13.26 -6.72	162.34 10.55 3.33	120.46 7.04 0.04	93.40 4.03 0.00	71.41 1.00 1.12	56.29 0.75 6.73
CALPINE BETH_PAGE_GT4 24209	53.61 3.37 0.00	50.39 3.56 0.00	49.07 3.25 0.00	45.20 2.92 0.00	45.51 2.74 0.00	48.76 2.76 0.00	51.73 2.74 0.00	54.01 2.28 0.00	56.31 2.07 0.28	57.79 2.18 1.70	60.92 2.73 0.00	69.80 3.45 -0.01	75.75 4.15 0.00	87.23 5.09 0.00	98.13 6.59 0.00	109.44 9.04 0.00	139.46 10.81 0.00	171.56 13.61 2.18	192.19 13.09 2.67	163.23 10.08 1.98	120.38 6.92 0.00	93.76 4.38 0.00	74.19 3.29 0.63	59.69 1.25 3.82
CALPINE_BETH_PAGE_GT_4 323586	53.86 3.62 0.00	50.81 3.98 0.00	49.71 3.89 0.00	45.84 3.55 0.00	45.94 3.16 0.00	49.63 3.63 0.00	52.32 3.33 0.00	54.47 2.74 0.00	56.36 2.12 0.28	57.79 2.18 1.70	60.93 2.74 0.00	69.80 3.45 -0.01	75.89 4.30 0.00	87.15 5.01 0.00	98.13 6.59 0.00	109.33 8.93 0.00	139.46 10.81 0.00	171.55 13.60 2.18	192.20 13.10 2.67	163.22 10.08 1.98	120.39 6.92 0.00	93.76 4.38 0.00	72.62 1.71 0.63	59.69 1.24 3.82
CALPINE_BP_GT1 23823	53.86 3.62 0.00	50.81 3.98 0.00	49.71 3.89 0.00	45.84 3.55 0.00	45.94 3.16 0.00	49.63 3.63 0.00	52.32 3.33 0.00	54.47 2.74 0.00	56.36 2.12 0.28	57.79 2.18 1.70	60.93 2.74 0.00	69.80 3.45 -0.01	75.89 4.30 0.00	87.15 5.01 0.00	98.13 6.59 0.00	109.33 8.93 0.00	139.46 10.81 0.00	171.55 13.60 2.18	192.20 13.10 2.67	163.22 10.08 1.98	120.39 6.92 0.00	93.76 4.38 0.00	72.62 1.71 0.63	59.69 1.24 3.82
CALSPAN___DRP 24200	51.40 1.16 0.00	48.98 2.15 0.00	46.87 1.05 0.00	42.79 0.51 0.00	43.03 0.26 0.00	46.27 0.28 0.00	48.60 -0.39 0.00	51.17 -0.57 0.00	54.52 0.00 0.00	58.58 1.26 0.00	60.23 2.04 0.00	68.26 1.92 0.00	75.10 3.51 0.00	86.16 4.02 0.00	95.75 4.21 0.00	102.81 2.41 0.00	130.07 1.42 0.00	159.80 -0.32 0.00	182.69 0.91 0.00	155.27 0.16 0.00	114.60 1.13 0.00	90.99 1.61 0.00	73.83 2.29 0.00	64.88 2.62 0.00

CALVERTON___SOLAR 323806	53.86 3.62 0.00	50.95 4.12 0.00	49.71 3.89 0.00	45.79 3.51 0.00	45.81 3.04 0.00	49.59 3.59 0.00	52.52 3.53 0.00	54.58 2.84 0.00	55.82 1.69 0.39	56.71 1.72 2.32	60.87 2.68 0.00	69.68 3.51 0.17	75.76 4.22 0.05	86.82 5.01 0.33	98.06 6.87 0.34	109.94 9.54 0.00	140.49 11.83 -0.01	203.80 15.37 -28.31	203.89 14.72 -7.40	163.74 11.95 3.33	121.37 7.94 0.04	94.02 4.64 0.00	71.77 1.36 1.12	56.60 1.06 6.72
CANDIGU_WT_PWR 323617	51.75 1.51 0.00	48.47 1.64 0.00	46.69 0.87 0.00	42.87 0.59 0.00	43.58 0.81 0.00	46.50 0.51 0.00	49.24 0.25 0.00	51.89 0.16 0.00	54.90 0.38 0.00	58.40 1.09 0.00	59.70 1.51 0.00	67.80 1.46 0.00	74.10 2.50 0.00	85.18 3.04 0.00	94.93 3.39 0.00	102.21 1.81 0.00	129.94 1.29 0.00	160.48 0.32 -0.03	183.73 1.82 -0.14	157.04 1.87 -0.05	116.08 2.61 0.00	92.15 2.77 0.00	74.54 3.00 0.00	64.82 2.55 0.00
CARR STREET_E_SYR 24060	49.99 -0.25 0.00	46.60 -0.23 0.00	45.45 -0.37 0.00	41.86 -0.42 0.00	42.34 -0.43 0.00	45.54 -0.46 0.00	48.31 -0.69 0.00	51.12 -0.62 0.00	54.03 -0.49 0.00	57.03 -0.29 0.00	58.07 -0.12 0.00	66.14 -0.20 0.00	71.81 0.22 0.00	82.63 0.50 0.00	92.36 0.82 0.00	100.80 0.40 0.00	128.53 -0.13 0.00	159.41 -0.80 -0.09	181.76 -0.36 -0.34	154.94 -0.31 -0.13	113.58 0.11 0.00	89.74 0.36 0.00	71.61 0.07 0.00	62.08 -0.19 0.00
CARTHAGE___PAPER 23857	52.15 1.91 0.00	48.37 1.54 0.00	47.24 1.42 0.00	43.85 1.57 0.00	44.23 1.46 0.00	48.02 2.02 0.00	51.14 2.15 0.00	53.81 2.07 0.00	56.26 1.74 0.00	58.69 1.37 0.00	59.18 0.99 0.00	67.40 1.06 0.00	72.74 1.14 0.00	83.94 1.80 0.00	93.27 1.73 0.00	102.41 2.01 0.00	131.87 3.22 0.00	165.83 5.60 -0.10	190.90 8.73 -0.40	165.06 9.78 -0.16	119.93 6.46 0.00	94.74 5.36 0.00	74.90 3.36 0.00	64.82 2.55 0.00
CASSADAGA_WT_PWR 323784	52.55 2.31 0.00	49.36 2.53 0.00	47.28 1.47 0.00	43.21 0.93 0.00	44.01 1.24 0.00	46.87 0.87 0.00	49.77 0.78 0.00	52.61 0.88 0.00	56.26 1.74 0.00	60.52 3.21 0.00	62.26 4.07 0.00	70.59 4.25 0.00	77.75 6.16 0.00	89.53 7.40 0.00	99.41 7.87 0.00	106.42 6.02 0.00	134.70 6.05 0.00	165.25 5.12 0.00	189.06 7.28 0.00	160.86 5.74 0.00	118.69 5.22 0.00	94.11 4.73 0.00	76.54 5.01 0.00	66.69 4.42 0.00
CE_DUNWOOD___DRP 24194	53.21 2.96 0.00	49.59 2.76 0.00	48.38 2.57 0.00	44.69 2.41 0.00	45.17 2.40 0.00	48.48 2.48 0.00	51.64 2.65 0.00	54.74 3.00 0.00	57.57 3.05 0.00	60.41 3.10 0.00	61.33 3.14 0.00	70.12 3.78 0.00	76.18 4.58 0.00	87.89 5.75 0.00	98.59 7.05 0.00	108.93 8.53 0.00	138.30 9.65 0.00	171.81 11.69 0.00	193.77 12.00 0.00	164.74 9.62 0.00	121.18 7.72 0.00	94.74 5.36 0.00	75.04 3.51 0.00	64.45 2.18 0.00
CE_MILLWOOD___DRP 24193	53.11 2.86 0.00	49.45 2.62 0.00	48.29 2.47 0.00	44.61 2.33 0.00	45.04 2.27 0.00	48.39 2.39 0.00	51.54 2.55 0.00	54.58 2.85 0.00	57.41 2.89 0.00	60.24 2.92 0.00	61.16 2.97 0.00	69.85 3.52 0.00	75.96 4.37 0.00	87.64 5.50 0.00	98.22 6.68 0.00	108.53 8.13 0.00	137.79 9.13 0.00	171.33 11.21 0.00	193.05 11.27 0.00	164.27 9.15 0.00	120.84 7.38 0.00	94.56 5.18 0.00	74.90 3.36 0.00	64.39 2.12 0.00
CE_NYC2_DRP 24202	53.56 3.32 0.00	49.97 3.14 0.00	48.79 2.98 0.00	45.12 2.83 0.00	45.55 2.78 0.00	48.85 2.85 0.00	51.98 2.99 0.00	55.10 3.36 0.00	57.90 3.38 0.00	60.75 3.44 0.00	61.62 3.43 0.00	70.38 4.05 0.00	76.39 4.80 0.00	88.22 6.08 0.00	99.04 7.51 0.00	109.74 9.34 0.00	138.95 10.29 0.00	172.45 12.33 0.00	194.14 12.36 0.00	165.04 9.93 0.01	121.17 7.72 0.01	94.73 5.36 0.01	75.11 3.58 0.00	64.57 2.30 0.00
CE_NYC_DRP 24195	53.61 3.37 0.00	49.92 3.09 0.00	48.70 2.89 0.00	44.99 2.71 0.00	45.42 2.65 0.00	48.80 2.81 0.00	52.03 3.04 0.00	55.20 3.47 0.00	58.12 3.60 0.00	60.98 3.67 0.00	61.80 3.61 0.00	70.72 4.38 0.00	76.82 5.23 0.00	88.71 6.57 0.00	99.41 7.87 0.00	110.14 9.74 0.00	139.59 10.94 0.00	173.41 13.29 0.00	195.23 13.45 0.00	165.98 10.86 0.00	121.97 8.51 0.00	95.28 5.90 0.00	75.47 3.93 0.00	64.82 2.55 0.00
CHAFFEE___LFGE 323603	51.50 1.26 0.00	48.42 1.59 0.00	46.37 0.55 0.00	42.37 0.08 0.00	43.11 0.34 0.00	45.86 -0.14 0.00	48.50 -0.49 0.00	51.22 -0.52 0.00	54.74 0.22 0.00	58.80 1.49 0.00	60.46 2.27 0.00	68.52 2.19 0.00	75.24 3.65 0.00	86.65 4.51 0.00	96.39 4.85 0.00	103.41 3.01 0.00	130.97 2.32 0.00	160.93 0.80 0.00	183.78 2.00 0.00	156.35 1.24 0.00	115.17 1.70 0.00	91.44 2.06 0.00	74.47 2.93 0.00	65.00 2.74 0.00
CHATEAUG_35_KV_LOAD 355732	48.73 -1.51 0.00	45.28 -1.55 0.00	44.35 -1.47 0.00	40.93 -1.35 0.00	41.44 -1.33 0.00	44.66 -1.33 0.00	48.06 -0.93 0.00	50.65 -1.09 0.00	53.54 -0.98 0.00	56.17 -1.15 0.00	57.03 -1.16 0.00	65.01 -1.33 0.00	69.37 -2.22 0.00	79.02 -3.12 0.00	87.51 -4.03 0.00	96.38 -4.02 0.00	125.18 -3.47 0.00	156.76 -3.36 0.00	178.14 -3.64 0.00	152.64 -2.48 0.00	110.74 -2.72 0.00	86.96 -2.41 0.00	69.89 -1.65 0.00	61.33 -0.93 0.00
CHATEAUG_WT_PWR 323614	48.68 -1.56 0.00	45.29 -1.54 0.00	44.35 -1.47 0.00	40.93 -1.35 0.00	41.44 -1.33 0.00	44.66 -1.34 0.00	47.96 -1.03 0.00	50.60 -1.14 0.00	53.48 -1.04 0.00	56.11 -1.21 0.00	56.97 -1.22 0.00	64.94 -1.40 0.00	69.45 -2.15 0.00	79.19 -2.95 0.00	87.60 -3.93 0.00	96.48 -3.92 0.00	125.19 -3.47 0.00	156.60 -3.52 0.00	177.95 -3.83 0.00	152.17 -2.95 0.00	110.51 -2.95 0.00	86.78 -2.59 0.00	69.75 -1.79 0.00	61.21 -1.06 0.00
CHAT_HIGH_FALL_HYD 323578	48.73 -1.51 0.00	45.28 -1.55 0.00	44.35 -1.47 0.00	40.93 -1.35 0.00	41.44 -1.33 0.00	44.66 -1.33 0.00	48.06 -0.93 0.00	50.65 -1.09 0.00	53.54 -0.98 0.00	56.17 -1.15 0.00	57.03 -1.16 0.00	65.01 -1.33 0.00	69.37 -2.22 0.00	79.02 -3.12 0.00	87.51 -4.03 0.00	96.38 -4.02 0.00	125.18 -3.47 0.00	156.76 -3.36 0.00	178.14 -3.64 0.00	152.64 -2.48 0.00	110.74 -2.72 0.00	86.96 -2.41 0.00	69.89 -1.65 0.00	61.33 -0.93 0.00
CHAUTAUQUA___LFGE 323629	52.15 1.91 0.00	48.99 2.16 0.00	46.96 1.15 0.00	42.92 0.64 0.00	43.67 0.90 0.00	46.46 0.46 0.00	49.19 0.20 0.00	51.94 0.21 0.00	55.50 0.98 0.00	59.67 2.35 0.00	61.39 3.20 0.00	69.52 3.18 0.00	76.53 4.94 0.00	88.13 5.99 0.00	97.85 6.31 0.00	104.81 4.41 0.00	132.77 4.12 0.00	163.01 2.89 0.00	186.32 4.55 0.00	158.53 3.41 0.00	117.09 3.63 0.00	92.96 3.58 0.00	75.68 4.15 0.00	66.07 3.80 0.00
CHERRYST_13_KV_LD 356241	53.81 3.57 0.00	50.11 3.28 0.00	48.89 3.07 0.00	45.16 2.88 0.00	45.59 2.82 0.00	48.99 2.99 0.00	52.22 3.23 0.00	55.46 3.72 0.00	58.39 3.87 0.00	61.33 4.01 0.00	62.15 3.96 0.00	71.11 4.78 0.00	77.32 5.73 0.00	89.20 7.06 0.00	100.05 8.51 0.00	110.74 10.34 0.00	140.36 11.71 0.00	174.37 14.25 0.00	196.14 14.36 0.00	166.75 11.63 0.00	122.54 9.08 0.00	95.72 6.35 0.00	75.83 4.29 0.00	65.07 2.80 0.00

CHESTROR_138KV_BK263 355645	52.55 2.31 0.00	48.94 2.11 0.00	47.79 1.97 0.00	44.19 1.90 0.00	44.61 1.84 0.00	47.93 1.93 0.00	51.00 2.01 0.00	53.96 2.22 0.00	56.75 2.24 0.00	59.61 2.29 0.00	60.46 2.27 0.00	69.06 2.72 0.00	74.96 3.36 0.00	86.41 4.27 0.00	96.85 5.31 0.00	106.73 6.33 0.00	135.73 7.08 0.00	168.93 8.81 0.00	190.68 8.91 0.00	162.41 7.29 0.00	119.48 6.01 0.00	93.67 4.29 0.00	74.33 2.79 0.00	64.01 1.74 0.00
CH_MIDHUDSON___DRP 24192	53.00 2.76 0.00	49.31 2.48 0.00	48.24 2.43 0.00	44.52 2.24 0.00	44.99 2.22 0.00	48.34 2.35 0.00	51.44 2.45 0.00	54.48 2.74 0.00	57.24 2.73 0.00	60.07 2.75 0.00	60.92 2.73 0.00	69.59 3.25 0.00	75.60 4.01 0.00	87.15 5.01 0.00	97.67 6.13 0.00	107.83 7.43 0.00	137.15 8.49 0.00	170.85 10.73 0.00	192.87 11.09 0.00	164.27 9.15 0.00	120.73 7.26 0.00	94.65 5.27 0.00	74.97 3.43 0.00	64.57 2.30 0.00
CH_MISC_IPPS 23765	53.10 2.86 0.00	49.54 2.72 0.00	48.43 2.61 0.00	44.69 2.41 0.00	45.08 2.31 0.00	48.57 2.57 0.00	51.63 2.64 0.00	54.63 2.90 0.00	57.41 2.89 0.00	60.24 2.92 0.00	60.93 2.74 0.00	69.59 3.25 0.00	75.53 3.94 0.00	86.57 4.43 0.00	97.12 5.58 0.00	107.32 6.92 0.00	136.50 7.85 0.00	170.05 9.93 0.00	192.13 10.36 0.00	163.80 8.68 0.00	120.27 6.81 0.00	94.83 5.45 0.00	75.18 3.65 0.00	64.82 2.55 0.00
CH_RES_BVR_FALLS 23983	49.74 -0.50 0.00	46.36 -0.47 0.00	45.40 -0.41 0.00	41.90 -0.38 0.00	42.38 -0.39 0.00	45.63 -0.37 0.00	48.75 -0.24 0.00	51.48 -0.26 0.00	54.25 -0.27 0.00	56.97 -0.34 0.00	57.84 -0.35 0.00	65.94 -0.40 0.00	70.44 -1.15 0.00	80.66 -1.48 0.00	89.71 -1.83 0.00	98.49 -1.91 0.00	126.59 -2.06 0.00	157.73 -2.40 0.00	179.06 -2.72 0.00	152.95 -2.17 0.00	111.64 -1.82 0.00	87.77 -1.61 0.00	70.46 -1.07 0.00	61.90 -0.37 0.00
CH_RES_NIAGARA 23895	49.59 -0.65 0.00	47.49 0.66 0.00	45.40 -0.41 0.00	42.16 -0.13 0.00	42.30 -0.47 0.00	45.49 -0.51 0.00	46.88 -2.11 0.00	49.15 -2.59 0.00	52.45 -2.07 0.00	56.34 -0.97 0.00	57.90 -0.29 0.00	65.54 -0.80 0.00	71.88 0.29 0.00	82.30 0.16 0.00	91.35 -0.18 0.00	98.09 -2.31 0.00	123.89 -4.76 0.00	152.28 -7.85 0.00	173.78 -8.00 0.00	147.98 -7.14 0.00	109.27 -4.20 0.00	86.88 -2.50 0.00	70.75 -0.79 0.00	62.58 0.31 0.00
CH_RES_SYRACUSE 23985	50.24 0.00 0.00	46.83 0.00 0.00	45.63 -0.18 0.00	42.07 -0.21 0.00	42.56 -0.21 0.00	45.72 -0.27 0.00	48.50 -0.49 0.00	51.37 -0.36 0.00	54.25 -0.27 0.00	57.26 -0.06 0.00	58.31 0.12 0.00	66.40 0.07 0.00	72.10 0.50 0.00	82.96 0.82 0.00	92.82 1.28 0.00	101.30 0.90 0.00	129.30 0.65 0.00	160.28 0.00 -0.16	183.13 0.73 -0.62	155.99 0.62 -0.25	114.26 0.80 0.00	90.27 0.89 0.00	72.11 0.57 0.00	62.46 0.19 0.00
CLINTON_WT_PWR 323605	48.68 -1.56 0.00	45.29 -1.54 0.00	44.35 -1.47 0.00	40.93 -1.35 0.00	41.44 -1.33 0.00	44.66 -1.34 0.00	47.96 -1.03 0.00	50.60 -1.14 0.00	53.48 -1.04 0.00	56.11 -1.21 0.00	56.97 -1.22 0.00	64.94 -1.40 0.00	69.45 -2.15 0.00	79.19 -2.95 0.00	87.60 -3.93 0.00	96.48 -3.92 0.00	125.19 -3.47 0.00	156.60 -3.52 0.00	177.95 -3.83 0.00	152.17 -2.95 0.00	110.51 -2.95 0.00	86.78 -2.59 0.00	69.75 -1.79 0.00	61.21 -1.06 0.00
CLINTON___LFGE 323618	48.74 -1.51 0.00	45.38 -1.45 0.00	44.49 -1.33 0.00	41.02 -1.27 0.00	41.53 -1.24 0.00	44.76 -1.24 0.00	48.01 -0.98 0.00	50.60 -1.14 0.00	53.54 -0.98 0.00	56.11 -1.21 0.00	57.03 -1.16 0.00	65.01 -1.33 0.00	69.51 -2.08 0.00	79.26 -2.88 0.00	87.70 -3.84 0.00	96.59 -3.82 0.00	125.57 -3.09 0.00	157.40 -2.72 0.00	178.69 -3.09 0.00	153.10 -2.02 0.00	111.08 -2.39 0.00	87.15 -2.23 0.00	69.96 -1.57 0.00	61.34 -0.93 0.00
COBBLENY_34_KV_TB1 80064	51.55 1.31 0.00	49.08 2.25 0.00	46.92 1.10 0.00	42.83 0.55 0.00	43.11 0.34 0.00	46.37 0.37 0.00	48.75 -0.24 0.00	51.37 -0.36 0.00	54.74 0.22 0.00	58.81 1.49 0.00	60.46 2.27 0.00	68.53 2.19 0.00	75.46 3.87 0.00	86.74 4.60 0.00	96.39 4.85 0.00	103.51 3.11 0.00	130.97 2.32 0.00	160.92 0.80 0.00	183.96 2.18 0.00	156.36 1.24 0.00	115.17 1.70 0.00	91.43 2.06 0.00	74.11 2.58 0.00	65.07 2.80 0.00
COFFEEN___115KV_TB3 355620	53.21 2.96 0.00	49.41 2.58 0.00	48.11 2.29 0.00	44.52 2.24 0.00	44.95 2.18 0.00	48.99 2.99 0.00	51.93 2.94 0.00	54.68 2.95 0.00	57.08 2.56 0.00	59.61 2.29 0.00	60.05 1.86 0.00	68.39 2.06 0.00	73.96 2.36 0.00	85.59 3.45 0.00	95.11 3.57 0.00	104.32 3.92 0.00	134.31 5.66 0.00	169.03 8.81 -0.10	195.28 13.09 -0.41	169.24 13.96 -0.16	123.45 9.98 0.00	97.33 7.95 0.00	76.83 5.29 0.00	66.32 4.05 0.00
COLDSPRG_115KV_BK1 355956	52.35 2.11 0.00	49.73 2.90 0.00	47.47 1.65 0.00	43.47 1.18 0.00	43.88 1.11 0.00	47.15 1.15 0.00	49.97 0.98 0.00	52.87 1.14 0.00	56.32 1.80 0.00	60.53 3.21 0.00	62.26 4.07 0.00	70.58 4.25 0.00	77.82 6.23 0.00	89.53 7.39 0.00	99.32 7.78 0.00	106.32 5.92 0.00	134.44 5.79 0.00	164.93 4.80 0.00	188.68 6.91 0.00	160.39 5.27 0.00	118.46 4.99 0.00	94.03 4.65 0.00	76.11 4.58 0.00	66.38 4.11 0.00
COLONIE_LFGE___ 323577	52.35 2.11 0.00	48.75 1.92 0.00	47.74 1.92 0.00	44.02 1.73 0.00	44.40 1.62 0.00	47.79 1.79 0.00	50.70 1.71 0.00	53.59 1.86 0.00	56.31 1.80 0.00	59.03 1.72 0.00	59.76 1.57 0.00	68.13 1.79 0.00	74.03 2.44 0.00	85.09 2.95 0.00	95.38 3.84 0.00	105.02 4.62 0.00	133.93 5.28 0.00	167.34 7.21 0.00	189.77 7.99 0.00	161.94 6.82 0.00	119.13 5.67 0.00	99.31 4.47 -5.46	74.47 2.93 0.00	64.26 1.99 0.00
COOPERNY_115KV_TB1 80082	52.00 1.76 0.00	48.42 1.59 0.00	47.37 1.56 0.00	43.76 1.48 0.00	44.22 1.45 0.00	47.52 1.52 0.00	50.51 1.52 0.00	53.39 1.66 0.00	56.21 1.69 0.00	59.04 1.72 0.00	59.94 1.75 0.00	68.39 2.06 0.00	74.17 2.58 0.00	85.51 3.37 0.00	95.75 4.21 0.00	105.22 4.82 0.00	134.06 5.40 0.00	166.69 6.57 0.00	188.50 6.73 0.00	160.70 5.58 0.00	118.00 4.54 0.00	92.77 3.40 0.00	73.68 2.15 0.00	63.58 1.31 0.00
COPENHAGEN_WT_PWR 323753	52.50 2.26 0.00	48.70 1.88 0.00	47.51 1.70 0.00	43.98 1.69 0.00	44.40 1.62 0.00	48.25 2.25 0.00	51.25 2.25 0.00	53.96 2.22 0.00	56.48 1.96 0.00	59.03 1.72 0.00	59.53 1.34 0.00	67.80 1.46 0.00	73.31 1.72 0.00	84.77 2.63 0.00	94.28 2.74 0.00	103.41 3.01 0.00	132.89 4.24 0.00	166.98 6.72 -0.13	192.46 10.17 -0.51	166.34 11.01 -0.20	121.18 7.72 0.00	95.63 6.25 0.00	75.61 4.08 0.00	65.32 3.05 0.00
CORNELL_____ 23752	52.00 1.76 0.00	48.56 1.73 0.00	47.24 1.42 0.00	43.51 1.23 0.00	43.93 1.15 0.00	47.33 1.33 0.00	50.22 1.22 0.00	53.08 1.35 0.00	55.94 1.42 0.00	58.92 1.60 0.00	59.94 1.75 0.00	68.20 1.86 0.00	74.10 2.51 0.00	85.42 3.29 0.00	95.38 3.84 0.00	103.91 3.51 0.00	132.77 4.12 0.00	165.09 4.96 0.00	188.87 7.09 0.00	161.48 6.36 0.00	118.46 4.99 0.00	93.67 4.29 0.00	74.68 3.15 0.00	64.63 2.37 0.00

CORONA V_69_KV_TB1 355595	54.16 3.92 0.00	50.86 4.03 0.00	49.48 3.67 0.00	45.62 3.34 0.00	45.94 3.17 0.00	49.22 3.22 0.00	52.27 3.28 0.00	54.74 3.00 0.00	57.36 2.89 0.04	60.12 3.04 0.23	61.74 3.55 0.00	70.72 4.38 0.00	76.82 5.23 0.00	88.46 6.32 0.00	99.50 7.96 0.00	110.64 10.24 0.00	141.00 12.35 0.00	179.44 15.05 -4.26	202.11 15.09 -5.24	170.94 11.94 -3.87	122.09 8.62 0.00	95.19 5.81 0.00	77.02 4.51 -0.97	70.17 2.30 -5.59
CORTLAND_115KV_TB3 80093	51.45 1.21 0.00	48.05 1.22 0.00	46.78 0.96 0.00	43.13 0.85 0.00	43.58 0.81 0.00	46.92 0.92 0.00	49.77 0.78 0.00	52.61 0.88 0.00	55.50 0.98 0.00	58.46 1.15 0.00	59.47 1.28 0.00	67.73 1.39 0.00	73.53 1.93 0.00	84.77 2.63 0.00	94.65 3.11 0.00	103.21 2.81 0.00	131.61 2.96 0.00	163.49 3.36 0.00	186.50 4.73 0.00	159.31 4.19 0.00	116.98 3.52 0.00	92.42 3.04 0.00	73.68 2.15 0.00	63.76 1.49 0.00
COXSACKIE__GT 23611	52.50 2.26 0.00	48.75 1.92 0.00	47.83 2.01 0.00	44.06 1.78 0.00	44.48 1.71 0.00	47.88 1.89 0.00	50.95 1.96 0.00	53.73 2.02 0.02	51.65 2.12 4.99	53.15 1.78 5.94	55.20 1.51 4.50	60.48 1.53 7.39	64.24 2.00 9.36	71.62 2.63 13.14	78.30 3.39 16.63	102.52 4.62 2.51	121.80 5.40 12.26	145.58 8.96 23.51	161.99 11.27 31.06	144.10 10.55 21.57	114.64 8.17 7.00	93.86 6.16 1.68	75.11 3.58 0.00	65.07 2.80 0.00
CPV_VALLEY__CC1 323721	52.15 1.91 0.00	48.65 1.82 0.00	47.51 1.70 0.00	43.93 1.65 0.00	44.31 1.54 0.00	47.70 1.70 0.00	50.66 1.67 0.00	53.59 1.86 0.00	56.37 1.85 0.00	59.15 1.83 0.00	60.05 1.86 0.00	68.52 2.19 0.00	74.46 2.87 0.00	85.75 3.61 0.00	96.11 4.57 0.00	105.82 5.42 0.00	134.58 5.92 0.00	167.34 7.21 0.00	189.06 7.28 0.00	161.01 5.89 0.00	118.34 4.88 0.00	92.96 3.58 0.00	73.68 2.14 0.00	63.51 1.24 0.00
CPV_VALLEY__CC2 323722	52.15 1.91 0.00	48.65 1.82 0.00	47.51 1.70 0.00	43.93 1.65 0.00	44.31 1.54 0.00	47.70 1.70 0.00	50.66 1.67 0.00	53.59 1.86 0.00	56.37 1.85 0.00	59.15 1.83 0.00	60.05 1.86 0.00	68.52 2.19 0.00	74.46 2.87 0.00	85.75 3.61 0.00	96.11 4.57 0.00	105.82 5.42 0.00	134.58 5.92 0.00	167.34 7.21 0.00	189.06 7.28 0.00	161.01 5.89 0.00	118.34 4.88 0.00	92.96 3.58 0.00	73.68 2.14 0.00	63.51 1.24 0.00
CRESCENT__HYD 24018	52.35 2.11 0.00	48.75 1.92 0.00	47.74 1.92 0.00	44.02 1.73 0.00	44.40 1.62 0.00	47.79 1.79 0.00	50.70 1.71 0.00	53.59 1.86 0.00	56.31 1.80 0.00	59.03 1.72 0.00	59.76 1.57 0.00	68.13 1.79 0.00	74.03 2.44 0.00	85.09 2.95 0.00	95.38 3.84 0.00	105.02 4.62 0.00	133.93 5.28 0.00	167.34 7.21 0.00	189.77 7.99 0.00	161.94 6.82 0.00	119.13 5.67 0.00	99.31 4.47 -5.46	74.47 2.93 0.00	64.26 1.99 0.00
CRICKET__VALLEY_CC1 323756	52.35 2.11 0.00	48.89 2.06 0.00	47.79 1.97 0.00	44.10 1.82 0.00	44.44 1.67 0.00	47.88 1.89 0.00	50.85 1.86 0.00	53.81 2.07 0.00	56.54 2.02 0.00	59.27 1.95 0.00	60.05 1.86 0.00	68.52 2.19 0.00	74.53 2.94 0.00	85.75 3.61 0.00	96.20 4.67 0.00	106.22 5.82 0.00	134.96 6.30 0.00	168.13 8.00 0.00	189.59 7.81 0.00	161.48 6.36 0.00	118.91 5.45 0.00	93.31 3.93 0.00	73.89 2.36 0.00	63.64 1.37 0.00
CRICKET__VALLEY_CC2 323757	52.35 2.11 0.00	48.89 2.06 0.00	47.79 1.97 0.00	44.10 1.82 0.00	44.44 1.67 0.00	47.88 1.89 0.00	50.85 1.86 0.00	53.81 2.07 0.00	56.54 2.02 0.00	59.27 1.95 0.00	60.05 1.86 0.00	68.52 2.19 0.00	74.53 2.94 0.00	85.75 3.61 0.00	96.20 4.67 0.00	106.22 5.82 0.00	134.96 6.30 0.00	168.13 8.00 0.00	189.59 7.81 0.00	161.48 6.36 0.00	118.91 5.45 0.00	93.31 3.93 0.00	73.89 2.36 0.00	63.64 1.37 0.00
CRICKET__VALLEY_CC3 323758	52.35 2.11 0.00	48.89 2.06 0.00	47.79 1.97 0.00	44.10 1.82 0.00	44.44 1.67 0.00	47.88 1.89 0.00	50.85 1.86 0.00	53.81 2.07 0.00	56.54 2.02 0.00	59.27 1.95 0.00	60.05 1.86 0.00	68.52 2.19 0.00	74.53 2.94 0.00	85.75 3.61 0.00	96.20 4.67 0.00	106.22 5.82 0.00	134.96 6.30 0.00	168.13 8.00 0.00	189.59 7.81 0.00	161.48 6.36 0.00	118.91 5.45 0.00	93.31 3.93 0.00	73.89 2.36 0.00	63.64 1.37 0.00
CRUCIBLE_METL_DRP 24180	50.24 0.00 0.00	46.92 0.09 0.00	45.73 -0.09 0.00	42.11 -0.17 0.00	42.56 -0.21 0.00	45.81 -0.18 0.00	48.55 -0.44 0.00	51.37 -0.36 0.00	54.30 -0.22 0.00	57.26 -0.06 0.00	58.31 0.12 0.00	66.40 0.07 0.00	72.17 0.57 0.00	83.04 0.90 0.00	92.82 1.28 0.00	101.30 0.90 0.00	129.30 0.64 0.00	160.22 0.00 -0.10	182.90 0.73 -0.40	155.90 0.62 -0.16	114.26 0.79 0.00	90.27 0.89 0.00	72.04 0.50 0.00	62.45 0.19 0.00
DAHOWA__HYDRO 323763	53.21 2.96 0.00	49.45 2.62 0.00	48.33 2.52 0.00	44.56 2.28 0.00	44.95 2.18 0.00	48.34 2.34 0.00	51.25 2.25 0.00	54.17 2.43 0.00	56.91 2.40 0.00	59.49 2.18 0.00	60.00 1.81 0.00	68.33 1.99 0.00	74.31 2.72 0.00	85.43 3.29 0.00	95.75 4.21 0.00	105.62 5.22 0.00	135.08 6.43 0.00	169.41 9.28 0.00	193.59 11.81 0.00	165.51 10.39 0.00	121.86 8.40 0.00	98.79 6.61 -2.80	76.05 4.51 0.00	65.57 3.30 0.00
DANC__LFGE 323619	51.45 1.20 0.00	47.81 0.98 0.00	46.64 0.83 0.00	43.08 0.80 0.00	43.54 0.77 0.00	47.15 1.15 0.00	50.07 1.08 0.00	52.77 1.03 0.00	55.39 0.87 0.00	58.12 0.80 0.00	58.77 0.58 0.00	66.93 0.60 0.00	72.52 0.93 0.00	83.70 1.56 0.00	93.09 1.55 0.00	101.91 1.51 0.00	130.71 2.05 0.00	163.49 3.20 -0.16	188.06 5.64 -0.64	161.58 6.21 -0.25	117.88 4.42 0.00	93.04 3.67 0.00	73.97 2.43 0.00	63.95 1.68 0.00
DANSKAMMER__1 23586	53.10 2.86 0.00	49.54 2.72 0.00	48.43 2.61 0.00	44.69 2.41 0.00	45.08 2.31 0.00	48.57 2.57 0.00	51.63 2.64 0.00	54.63 2.90 0.00	57.41 2.89 0.00	60.24 2.92 0.00	60.93 2.74 0.00	69.59 3.25 0.00	75.53 3.94 0.00	86.57 4.43 0.00	97.12 5.58 0.00	107.32 6.92 0.00	136.50 7.85 0.00	170.05 9.93 0.00	192.13 10.36 0.00	163.80 8.68 0.00	120.27 6.81 0.00	94.83 5.45 0.00	75.18 3.65 0.00	64.82 2.55 0.00
DANSKAMMER__2 23589	53.10 2.86 0.00	49.54 2.72 0.00	48.43 2.61 0.00	44.69 2.41 0.00	45.08 2.31 0.00	48.57 2.57 0.00	51.63 2.64 0.00	54.63 2.90 0.00	57.41 2.89 0.00	60.24 2.92 0.00	60.93 2.74 0.00	69.59 3.25 0.00	75.53 3.94 0.00	86.57 4.43 0.00	97.12 5.58 0.00	107.32 6.92 0.00	136.50 7.85 0.00	170.05 9.93 0.00	192.13 10.36 0.00	163.80 8.68 0.00	120.27 6.81 0.00	94.83 5.45 0.00	75.18 3.65 0.00	64.82 2.55 0.00
DANSKAMMER__3 23590	53.10 2.86 0.00	49.54 2.72 0.00	48.43 2.61 0.00	44.69 2.41 0.00	45.08 2.31 0.00	48.57 2.57 0.00	51.63 2.64 0.00	54.63 2.90 0.00	57.41 2.89 0.00	60.24 2.92 0.00	60.93 2.74 0.00	69.59 3.25 0.00	75.53 3.94 0.00	86.57 4.43 0.00	97.12 5.58 0.00	107.32 6.92 0.00	136.50 7.85 0.00	170.05 9.93 0.00	192.13 10.36 0.00	163.80 8.68 0.00	120.27 6.81 0.00	94.83 5.45 0.00	75.18 3.65 0.00	64.82 2.55 0.00

DANSKAMMER___4 23591	53.10 2.86 0.00	49.54 2.72 0.00	48.43 2.61 0.00	44.69 2.41 0.00	45.08 2.31 0.00	48.57 2.57 0.00	51.63 2.64 0.00	54.63 2.90 0.00	57.41 2.89 0.00	60.24 2.92 0.00	60.93 2.74 0.00	69.59 3.25 0.00	75.53 3.94 0.00	86.57 4.43 0.00	97.12 5.58 0.00	107.32 6.92 0.00	136.50 7.85 0.00	170.05 9.93 0.00	192.13 10.36 0.00	163.80 8.68 0.00	120.27 6.81 0.00	94.83 5.45 0.00	75.18 3.65 0.00	64.82 2.55 0.00
DANSKAMMER___DIESEL 23592	53.11 2.86 0.00	49.45 2.62 0.00	48.34 2.52 0.00	44.65 2.37 0.00	45.08 2.31 0.00	48.44 2.44 0.00	51.59 2.60 0.00	54.58 2.85 0.00	57.41 2.89 0.00	60.24 2.92 0.00	60.92 2.73 0.00	69.59 3.25 0.00	75.53 3.94 0.00	86.66 4.52 0.00	97.12 5.58 0.00	107.33 6.93 0.00	136.50 7.85 0.00	170.05 9.93 0.00	192.14 10.36 0.00	163.81 8.69 0.00	120.27 6.81 0.00	94.83 5.45 0.00	75.26 3.72 0.00	64.82 2.55 0.00
DARBY___SOLAR 323810	53.00 2.76 0.00	49.31 2.48 0.00	48.20 2.38 0.00	44.44 2.16 0.00	44.82 2.05 0.00	48.21 2.21 0.00	51.14 2.15 0.00	54.01 2.27 0.00	56.70 2.18 0.00	59.32 2.01 0.00	59.82 1.63 0.00	68.19 1.85 0.00	74.10 2.50 0.00	85.18 3.04 0.00	95.47 3.93 0.00	105.32 4.92 0.00	134.70 6.05 0.00	168.76 8.64 0.00	192.68 10.91 0.00	164.58 9.46 0.00	121.18 7.72 0.00	98.60 6.08 -3.15	75.68 4.15 0.00	65.32 3.05 0.00
DASHVILLE___HYD 23610	52.70 2.46 0.00	49.03 2.20 0.00	48.02 2.20 0.00	44.35 2.07 0.00	44.78 2.01 0.00	48.11 2.12 0.00	51.20 2.20 0.00	54.16 2.43 0.01	56.08 2.78 1.22	58.73 2.87 1.45	59.89 2.79 1.10	67.79 3.25 1.80	73.25 3.94 2.28	83.86 4.93 3.20	93.52 6.04 4.05	107.12 7.33 0.61	134.03 8.36 2.99	165.12 10.73 5.73	185.47 11.27 7.57	159.32 9.46 5.26	119.24 7.49 1.71	94.46 5.45 0.37	74.61 3.08 0.00	64.32 2.05 0.00
DELAWARE___LFGE 323621	52.20 1.96 0.00	48.66 1.83 0.00	47.70 1.88 0.00	44.06 1.78 0.00	44.57 1.80 0.00	47.93 1.93 0.00	50.75 1.76 0.00	53.55 1.81 0.00	56.37 1.85 0.00	59.26 1.95 0.00	60.11 1.92 0.00	68.53 2.19 0.00	74.39 2.79 0.00	85.84 3.70 0.00	95.93 4.39 0.00	104.92 4.52 0.00	133.67 5.02 0.00	166.37 6.24 0.00	188.87 7.09 0.00	161.32 6.20 0.00	118.57 5.11 0.00	93.58 4.20 0.00	74.40 2.86 0.00	64.32 2.05 0.00
DERFIELD_115KV_TB7 355931	50.59 0.35 0.00	47.16 0.33 0.00	46.18 0.37 0.00	42.62 0.34 0.00	43.07 0.30 0.00	46.37 0.37 0.00	49.29 0.29 0.00	52.05 0.31 0.00	54.79 0.27 0.00	57.60 0.29 0.00	58.42 0.23 0.00	66.60 0.27 0.00	72.02 0.43 0.00	82.80 0.66 0.00	92.45 0.92 0.00	101.40 1.00 0.00	129.55 0.90 0.00	161.24 1.12 0.00	183.05 1.27 0.00	156.21 1.09 0.00	114.48 1.02 0.00	90.18 0.80 0.00	72.04 0.50 0.00	62.52 0.25 0.00
DOGLEVILLE___HYD 23807	50.04 -0.20 0.00	46.55 -0.28 0.00	45.54 -0.27 0.00	42.03 -0.25 0.00	42.47 -0.30 0.00	45.81 -0.18 0.00	48.75 -0.24 0.00	51.42 -0.31 0.00	54.14 -0.38 0.00	56.86 -0.46 0.00	57.61 -0.58 0.00	65.67 -0.66 0.00	71.02 -0.57 0.00	81.73 -0.41 0.00	91.26 -0.27 0.00	100.10 -0.30 0.00	127.75 -0.90 0.00	159.32 -0.80 0.00	181.05 -0.73 0.00	154.65 -0.47 0.00	113.24 -0.23 0.00	89.20 -0.18 0.00	71.25 -0.29 0.00	61.77 -0.50 0.00
DUNKIRK__115KV_TB_200 55889	52.05 1.81 0.00	49.59 2.76 0.00	47.42 1.60 0.00	43.30 1.01 0.00	43.58 0.81 0.00	46.87 0.87 0.00	49.38 0.39 0.00	51.94 0.21 0.00	55.39 0.87 0.00	59.49 2.18 0.00	61.22 3.03 0.00	69.39 3.05 0.00	76.53 4.94 0.00	87.89 5.75 0.00	97.58 6.04 0.00	104.62 4.22 0.00	132.38 3.73 0.00	162.53 2.40 0.00	185.78 4.00 0.00	158.07 2.95 0.00	116.75 3.29 0.00	92.77 3.40 0.00	75.18 3.65 0.00	65.88 3.61 0.00
DUNKIRK___1 23563	52.05 1.81 0.00	49.59 2.76 0.00	47.42 1.60 0.00	43.30 1.01 0.00	43.58 0.81 0.00	46.87 0.87 0.00	49.38 0.39 0.00	51.94 0.21 0.00	55.39 0.87 0.00	59.49 2.18 0.00	61.22 3.03 0.00	69.39 3.05 0.00	76.53 4.94 0.00	87.89 5.75 0.00	97.58 6.04 0.00	104.62 4.22 0.00	132.38 3.73 0.00	162.53 2.40 0.00	185.78 4.00 0.00	158.07 2.95 0.00	116.75 3.29 0.00	92.77 3.40 0.00	75.18 3.65 0.00	65.88 3.61 0.00
DUNKIRK___2 23564	52.05 1.81 0.00	49.59 2.76 0.00	47.42 1.60 0.00	43.30 1.01 0.00	43.58 0.81 0.00	46.87 0.87 0.00	49.38 0.39 0.00	51.94 0.21 0.00	55.39 0.87 0.00	59.49 2.18 0.00	61.22 3.03 0.00	69.39 3.05 0.00	76.53 4.94 0.00	87.89 5.75 0.00	97.58 6.04 0.00	104.62 4.22 0.00	132.38 3.73 0.00	162.53 2.40 0.00	185.78 4.00 0.00	158.07 2.95 0.00	116.75 3.29 0.00	92.77 3.40 0.00	75.18 3.65 0.00	65.88 3.61 0.00
DUNKIRK___3 23565	51.80 1.56 0.00	49.31 2.48 0.00	47.15 1.33 0.00	43.09 0.80 0.00	43.33 0.56 0.00	46.60 0.60 0.00	49.04 0.05 0.00	51.63 -0.10 0.00	55.01 0.49 0.00	59.15 1.83 0.00	60.81 2.62 0.00	68.93 2.59 0.00	75.82 4.22 0.00	87.07 4.93 0.00	96.76 5.22 0.00	103.71 3.31 0.00	131.23 2.57 0.00	161.24 1.12 0.00	184.14 2.36 0.00	156.67 1.55 0.00	115.73 2.27 0.00	91.97 2.59 0.00	74.54 3.00 0.00	65.38 3.11 0.00
DUNKIRK___4 23566	51.80 1.56 0.00	49.31 2.48 0.00	47.15 1.33 0.00	43.09 0.80 0.00	43.33 0.56 0.00	46.60 0.60 0.00	49.04 0.05 0.00	51.63 -0.10 0.00	55.01 0.49 0.00	59.15 1.83 0.00	60.81 2.62 0.00	68.93 2.59 0.00	75.82 4.22 0.00	87.07 4.93 0.00	96.76 5.22 0.00	103.71 3.31 0.00	131.23 2.57 0.00	161.24 1.12 0.00	184.14 2.36 0.00	156.67 1.55 0.00	115.73 2.27 0.00	91.97 2.59 0.00	74.54 3.00 0.00	65.38 3.11 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	53.36 3.11 0.00	49.69 2.86 0.00	48.52 2.70 0.00	44.82 2.54 0.00	45.25 2.48 0.00	48.62 2.62 0.00	51.78 2.79 0.00	54.89 3.16 0.00	57.73 3.22 0.00	60.58 3.27 0.00	61.51 3.32 0.00	70.32 3.98 0.00	76.39 4.80 0.00	88.13 6.00 0.00	98.86 7.32 0.00	109.34 8.94 0.00	138.69 10.04 0.00	172.45 12.33 0.00	194.32 12.54 0.00	165.36 10.24 0.00	121.52 8.06 0.00	95.01 5.63 0.00	75.18 3.65 0.00	64.57 2.30 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	52.90 2.66 0.00	49.26 2.44 0.00	48.15 2.34 0.00	44.48 2.20 0.00	44.91 2.14 0.00	48.25 2.25 0.00	51.39 2.40 0.00	54.37 2.64 0.00	57.19 2.67 0.00	60.07 2.75 0.00	60.81 2.62 0.00	69.46 3.12 0.00	75.39 3.79 0.00	86.74 4.60 0.00	97.21 5.68 0.00	107.33 6.93 0.00	136.50 7.85 0.00	170.05 9.93 0.00	192.14 10.36 0.00	163.65 8.53 0.00	120.27 6.81 0.00	94.47 5.09 0.00	74.90 3.36 0.00	64.57 2.30 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	53.72 3.47 -0.01	50.16 3.32 -0.01	48.99 3.16 -0.01	45.25 2.96 -0.01	45.69 2.91 -0.01	48.94 2.94 0.00	52.03 3.04 0.00	55.10 3.36 0.00	57.68 3.16 0.00	60.53 3.21 0.00	61.45 3.26 0.00	70.25 3.91 0.00	76.32 4.73 0.00	88.30 6.16 0.00	99.14 7.60 0.00	109.85 9.44 -0.01	139.08 10.42 -0.01	172.62 12.49 -0.01	194.51 12.72 -0.01	165.21 10.08 -0.01	121.41 7.94 -0.01	94.93 5.54 -0.01	75.26 3.72 -0.01	64.77 2.49 -0.01

E179THST_13_KV_LOAD 356214	54.07 3.82 -0.01	50.44 3.61 -0.01	49.26 3.44 -0.01	45.50 3.21 -0.01	45.94 3.17 -0.01	49.22 3.22 0.00	52.37 3.38 0.00	55.46 3.72 0.00	58.06 3.54 0.00	60.93 3.61 0.00	61.86 3.67 0.00	70.78 4.44 0.00	76.89 5.30 0.00	88.96 6.82 0.00	99.87 8.33 0.00	110.75 10.34 -0.01	140.24 11.58 -0.01	174.06 13.93 -0.01	196.15 14.36 -0.01	166.45 11.32 -0.01	122.32 8.85 -0.01	95.64 6.26 -0.01	75.84 4.29 -0.01	65.20 2.93 -0.01
EAST HAMPTON___GT 23717	55.72 5.48 0.00	52.64 5.81 0.00	51.36 5.54 0.00	47.31 5.03 0.00	47.35 4.58 0.00	51.28 5.29 0.00	54.33 5.34 0.00	56.65 4.92 0.00	58.39 4.26 0.39	59.81 4.82 2.32	64.59 6.40 0.00	74.06 7.89 0.17	80.49 8.95 0.05	92.24 10.43 0.33	103.91 12.72 0.35	116.26 15.86 0.00	146.16 17.49 -0.01	211.06 21.77 -29.17	210.75 21.26 -7.72	171.34 19.54 3.33	126.13 12.71 0.04	97.69 8.31 0.00	74.35 3.93 1.12	59.10 3.55 6.72
EAST RIVER___6 23660	53.61 3.37 0.00	50.06 3.23 0.00	48.84 3.02 0.00	45.07 2.79 0.00	45.42 2.65 0.00	48.94 2.95 0.00	52.03 3.04 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.87 3.55 0.00	61.68 3.49 0.00	70.59 4.25 0.00	76.75 5.16 0.00	88.38 6.24 0.00	99.23 7.69 0.00	109.84 9.43 0.00	139.21 10.55 0.00	172.77 12.65 0.00	194.69 12.91 0.00	165.51 10.39 0.00	121.64 8.17 0.00	95.10 5.73 0.00	75.25 3.72 0.00	64.69 2.43 0.00
EAST RIVER___7 23524	53.61 3.37 0.00	50.06 3.23 0.00	48.84 3.02 0.00	45.07 2.79 0.00	45.42 2.65 0.00	48.94 2.95 0.00	52.03 3.04 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.87 3.55 0.00	61.68 3.49 0.00	70.59 4.25 0.00	76.75 5.16 0.00	88.38 6.24 0.00	99.23 7.69 0.00	109.84 9.43 0.00	139.21 10.55 0.00	172.77 12.65 0.00	194.69 12.91 0.00	165.51 10.39 0.00	121.64 8.17 0.00	95.10 5.73 0.00	75.25 3.72 0.00	64.69 2.43 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	53.21 2.96 0.00	49.59 2.76 0.00	48.38 2.57 0.00	44.69 2.41 0.00	45.17 2.40 0.00	48.48 2.48 0.00	51.64 2.65 0.00	54.74 3.00 0.00	57.57 3.05 0.00	60.41 3.10 0.00	61.33 3.14 0.00	70.12 3.78 0.00	76.18 4.58 0.00	87.89 5.75 0.00	98.59 7.05 0.00	108.93 8.53 0.00	138.30 9.65 0.00	171.81 11.69 0.00	193.77 12.00 0.00	164.74 9.62 0.00	121.18 7.72 0.00	94.74 5.36 0.00	75.04 3.51 0.00	64.45 2.18 0.00
EAST_HAMPTON___DIESEL 23722	55.67 5.43 0.00	52.59 5.76 0.00	51.31 5.50 0.00	47.31 5.03 0.00	47.35 4.58 0.00	51.28 5.29 0.00	54.33 5.34 0.00	56.65 4.92 0.00	58.39 4.26 0.39	59.81 4.82 2.32	64.59 6.40 0.00	74.06 7.89 0.17	80.56 9.02 0.05	92.24 10.43 0.33	103.91 12.72 0.35	116.26 15.86 0.00	146.16 17.49 -0.01	211.06 21.77 -29.16	210.75 21.26 -7.72	171.18 19.39 3.33	126.02 12.59 0.04	97.59 8.22 0.00	74.27 3.86 1.12	59.03 3.48 6.72
EAST_POINT___SOLAR 323840	55.56 5.32 0.00	51.61 4.78 0.00	50.40 4.58 0.00	46.43 4.15 0.00	47.01 4.24 0.00	50.55 4.55 0.00	52.76 3.77 0.00	54.32 2.59 0.00	56.42 1.91 0.00	58.75 1.43 0.00	59.47 1.28 0.00	67.46 1.13 0.00	73.38 1.79 0.00	84.52 2.38 0.00	94.74 3.20 0.00	104.31 3.91 0.00	133.28 4.62 0.00	167.65 7.53 0.00	193.96 12.18 0.00	171.10 15.98 0.00	127.76 14.30 0.00	100.73 11.35 0.00	79.83 8.29 0.00	68.74 6.48 0.00
EAST_PULASKI___ESR 323781	50.39 0.15 0.00	46.92 0.09 0.00	45.77 -0.05 0.00	42.24 -0.04 0.00	42.69 -0.09 0.00	46.04 0.05 0.00	48.84 -0.15 0.00	51.63 -0.10 0.00	54.35 -0.16 0.00	57.14 -0.17 0.00	58.02 -0.17 0.00	66.07 -0.26 0.00	71.59 0.00 0.00	82.47 0.33 0.00	92.00 0.46 0.00	100.50 0.10 0.00	128.53 -0.13 0.00	160.20 -0.16 -0.24	183.82 1.10 -0.95	157.04 1.55 -0.37	114.83 1.37 0.00	90.63 1.25 0.00	72.32 0.79 0.00	62.58 0.31 0.00
EAST_RIVER___1 323558	53.61 3.37 0.00	50.11 3.28 0.00	48.84 3.02 0.00	45.12 2.83 0.00	45.47 2.70 0.00	48.99 2.99 0.00	52.08 3.09 0.00	55.20 3.47 0.00	58.12 3.60 0.00	60.99 3.67 0.00	61.80 3.61 0.00	70.72 4.38 0.00	76.89 5.30 0.00	88.63 6.49 0.00	99.41 7.87 0.00	110.04 9.64 0.00	139.58 10.93 0.00	173.41 13.28 0.00	195.23 13.45 0.00	165.97 10.85 0.00	121.98 8.51 0.00	95.28 5.90 0.00	75.40 3.86 0.00	64.82 2.55 0.00
EAST_RIVER___2 323559	53.61 3.37 0.00	50.06 3.23 0.00	48.84 3.02 0.00	45.07 2.79 0.00	45.42 2.65 0.00	48.94 2.95 0.00	52.03 3.04 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.87 3.55 0.00	61.68 3.49 0.00	70.59 4.25 0.00	76.75 5.16 0.00	88.38 6.24 0.00	99.23 7.69 0.00	109.84 9.43 0.00	139.21 10.55 0.00	172.77 12.65 0.00	194.69 12.91 0.00	165.51 10.39 0.00	121.64 8.17 0.00	95.10 5.73 0.00	75.25 3.72 0.00	64.69 2.43 0.00
EAST___DELAWARE_HYD 23607	52.65 2.41 0.00	49.08 2.25 0.00	47.93 2.11 0.00	44.27 1.99 0.00	44.65 1.88 0.00	48.11 2.12 0.00	51.14 2.15 0.00	54.11 2.38 0.00	56.45 2.34 0.41	59.18 2.35 0.48	60.03 2.21 0.37	68.39 2.66 0.60	74.13 3.30 0.76	85.18 4.11 1.07	95.31 5.12 1.35	106.63 6.43 0.20	135.12 7.46 1.00	167.98 9.77 1.91	189.79 10.54 2.53	162.36 8.99 1.75	119.93 7.04 0.57	94.47 5.09 0.00	74.68 3.14 0.00	64.45 2.18 0.00
EIGHT_POINT___WT_PWR 323820	52.70 2.46 0.00	49.31 2.48 0.00	47.51 1.70 0.00	43.64 1.35 0.00	44.31 1.54 0.00	47.38 1.38 0.00	50.16 1.17 0.00	52.87 1.14 0.00	55.72 1.20 0.00	59.27 1.95 0.00	60.52 2.33 0.00	68.79 2.46 0.00	75.17 3.58 0.00	86.41 4.27 0.00	96.39 4.85 0.00	103.82 3.42 0.00	131.99 3.34 0.00	163.18 3.03 -0.03	187.52 5.64 -0.11	160.59 5.43 -0.04	118.57 5.11 0.00	94.11 4.73 0.00	76.12 4.58 0.00	66.00 3.74 0.00
ELBRIDGE_115KV_TB2 80188	50.29 0.05 0.00	47.02 0.19 0.00	45.77 -0.05 0.00	42.16 -0.13 0.00	42.60 -0.17 0.00	45.86 -0.14 0.00	48.60 -0.39 0.00	51.37 -0.36 0.00	54.25 -0.27 0.00	57.26 -0.06 0.00	58.31 0.12 0.00	66.40 0.07 0.00	72.17 0.57 0.00	82.96 0.82 0.00	92.64 1.10 0.00	101.10 0.70 0.00	129.04 0.39 0.00	160.07 -0.16 -0.10	182.55 0.36 -0.41	155.59 0.31 -0.16	114.14 0.68 0.00	90.18 0.80 0.00	72.04 0.50 0.00	62.45 0.19 0.00
ELEC_TRO_TEK 24086	53.71 3.47 0.00	50.44 3.61 0.00	49.12 3.30 0.00	45.29 3.00 0.00	45.59 2.82 0.00	48.85 2.85 0.00	51.88 2.89 0.00	54.27 2.53 0.00	56.88 2.45 0.09	59.29 2.52 0.55	61.22 3.03 0.00	70.12 3.78 0.00	76.10 4.51 0.00	87.64 5.50 0.00	98.59 7.05 0.00	109.64 9.24 0.00	139.59 10.94 0.00	173.89 13.77 0.00	195.05 13.27 0.00	165.67 10.55 0.00	120.84 7.38 0.00	94.29 4.92 0.00	75.54 3.79 -0.21	65.13 1.68 -1.19
ELLENBURG_WT_PWR 323604	48.68 -1.56 0.00	45.29 -1.54 0.00	44.35 -1.47 0.00	40.93 -1.35 0.00	41.44 -1.33 0.00	44.66 -1.34 0.00	47.96 -1.03 0.00	50.60 -1.14 0.00	53.48 -1.04 0.00	56.11 -1.21 0.00	56.97 -1.22 0.00	64.94 -1.40 0.00	69.45 -2.15 0.00	79.19 -2.95 0.00	87.60 -3.93 0.00	96.48 -3.92 0.00	125.19 -3.47 0.00	156.60 -3.52 0.00	177.95 -3.83 0.00	152.17 -2.95 0.00	110.51 -2.95 0.00	86.78 -2.59 0.00	69.75 -1.79 0.00	61.21 -1.06 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	51.15 0.90 0.00	48.80 1.97 0.00	46.69 0.87 0.00	42.62 0.34 0.00	42.86 0.09 0.00	46.09 0.09 0.00	48.35 -0.64 0.00	50.86 -0.88 0.00	54.25 -0.27 0.00	58.23 0.92 0.00	59.88 1.69 0.00	67.86 1.53 0.00	74.60 3.01 0.00	85.59 3.45 0.00	95.11 3.57 0.00	102.11 1.71 0.00	129.04 0.39 0.00	158.52 -1.60 0.00	181.23 -0.55 0.00	154.03 -1.09 0.00	113.69 0.23 0.00	90.27 0.89 0.00	73.32 1.79 0.00	64.51 2.24 0.00
EMPIRE_CC_1 323656	51.35 1.10 0.00	47.86 1.03 0.00	46.91 1.10 0.00	43.34 1.06 0.00	43.67 0.90 0.00	47.06 1.06 0.00	49.87 0.88 0.00	52.67 0.93 0.00	55.34 0.82 0.00	58.06 0.74 0.00	58.71 0.52 0.00	66.93 0.60 0.00	72.67 1.08 0.00	83.53 1.40 0.00	93.55 2.01 0.00	103.11 2.71 0.00	131.23 2.57 0.00	163.81 3.69 0.00	185.41 3.63 0.00	158.06 2.94 0.00	116.30 2.84 0.00	87.93 2.24 3.68	72.68 1.14 0.00	62.76 0.50 0.00
EMPIRE_CC_2 323658	51.35 1.10 0.00	47.86 1.03 0.00	46.91 1.10 0.00	43.34 1.06 0.00	43.67 0.90 0.00	47.06 1.06 0.00	49.87 0.88 0.00	52.67 0.93 0.00	55.34 0.82 0.00	58.06 0.74 0.00	58.71 0.52 0.00	66.93 0.60 0.00	72.67 1.08 0.00	83.53 1.40 0.00	93.55 2.01 0.00	103.11 2.71 0.00	131.23 2.57 0.00	163.81 3.69 0.00	185.41 3.63 0.00	158.06 2.94 0.00	116.30 2.84 0.00	87.93 2.24 3.68	72.68 1.14 0.00	62.76 0.50 0.00
ENORWICH_115KV_TB1 80156	55.17 4.92 0.00	51.42 4.59 0.00	49.89 4.08 0.00	45.96 3.68 0.00	46.41 3.64 0.00	50.51 4.51 0.00	53.40 4.41 0.00	56.39 4.66 0.00	59.04 4.52 0.00	61.90 4.59 0.00	62.44 4.25 0.00	71.18 4.84 0.00	77.32 5.73 0.00	89.86 7.72 0.00	100.60 9.06 0.00	110.04 9.64 0.00	141.00 12.35 0.00	176.46 16.33 0.00	202.68 20.90 0.00	174.35 19.23 0.00	127.87 14.41 0.00	100.64 11.26 0.00	79.69 8.16 0.00	68.68 6.41 0.00
ERIE_ST__34_KV_TB1-2 80199	51.40 1.16 0.00	48.89 2.06 0.00	46.69 0.87 0.00	42.62 0.34 0.00	42.94 0.17 0.00	46.14 0.14 0.00	48.65 -0.34 0.00	51.42 -0.31 0.00	54.84 0.33 0.00	58.98 1.66 0.00	60.69 2.50 0.00	68.79 2.45 0.00	75.67 4.08 0.00	87.07 4.93 0.00	96.76 5.22 0.00	103.91 3.51 0.00	131.48 2.83 0.00	161.56 1.44 0.00	184.50 2.73 0.00	156.67 1.55 0.00	115.39 1.93 0.00	91.52 2.15 0.00	74.25 2.72 0.00	64.95 2.68 0.00
ERIE_WT_PWR 323693	51.45 1.20 0.00	48.37 1.54 0.00	46.32 0.50 0.00	42.33 0.04 0.00	43.07 0.30 0.00	45.77 -0.23 0.00	48.41 -0.59 0.00	51.06 -0.67 0.00	54.57 0.05 0.00	58.64 1.32 0.00	60.28 2.09 0.00	68.33 1.99 0.00	74.96 3.37 0.00	86.16 4.02 0.00	95.84 4.30 0.00	102.81 2.41 0.00	130.20 1.55 0.00	159.96 -0.16 0.00	182.87 1.10 0.00	155.43 0.31 0.00	114.71 1.25 0.00	91.07 1.69 0.00	74.25 2.72 0.00	64.94 2.68 0.00
ESPRGFLD_115KV_TB1 80157	54.41 4.17 0.00	50.62 3.79 0.00	49.48 3.67 0.00	45.67 3.38 0.00	46.19 3.42 0.00	49.82 3.82 0.00	52.62 3.63 0.00	55.30 3.57 0.00	58.01 3.49 0.00	60.81 3.50 0.00	61.62 3.43 0.00	70.19 3.85 0.00	76.25 4.65 0.00	88.05 5.91 0.00	98.49 6.96 0.00	107.83 7.43 0.00	137.66 9.01 0.00	171.97 11.85 0.00	196.68 14.91 0.00	169.39 14.27 0.00	124.81 11.35 0.00	98.32 8.94 0.00	78.05 6.51 0.00	67.31 5.04 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	51.90 1.66 0.00	48.47 1.64 0.00	47.15 1.33 0.00	43.42 1.14 0.00	43.88 1.11 0.00	47.29 1.29 0.00	50.12 1.13 0.00	53.03 1.29 0.00	55.83 1.31 0.00	58.81 1.49 0.00	59.82 1.63 0.00	68.06 1.72 0.00	73.96 2.36 0.00	85.26 3.12 0.00	95.20 3.66 0.00	103.81 3.41 0.00	132.64 3.99 0.00	164.77 4.64 0.00	188.32 6.54 0.00	161.17 6.05 0.00	118.23 4.77 0.00	93.49 4.11 0.00	74.54 3.00 0.00	64.51 2.24 0.00
ETNA____115KV_TB2 80207	51.90 1.66 0.00	48.47 1.64 0.00	47.15 1.33 0.00	43.42 1.14 0.00	43.88 1.11 0.00	47.29 1.29 0.00	50.12 1.13 0.00	53.03 1.29 0.00	55.83 1.31 0.00	58.81 1.49 0.00	59.82 1.63 0.00	68.06 1.72 0.00	73.96 2.36 0.00	85.26 3.12 0.00	95.20 3.66 0.00	103.81 3.41 0.00	132.64 3.99 0.00	164.77 4.64 0.00	188.32 6.54 0.00	161.17 6.05 0.00	118.23 4.77 0.00	93.49 4.11 0.00	74.54 3.00 0.00	64.51 2.24 0.00
EUCLID__115KV_TB2 356179	49.99 -0.25 0.00	46.69 -0.14 0.00	45.50 -0.32 0.00	41.94 -0.34 0.00	42.34 -0.43 0.00	45.58 -0.41 0.00	48.31 -0.69 0.00	51.11 -0.62 0.00	53.97 -0.55 0.00	56.97 -0.34 0.00	57.96 -0.23 0.00	66.01 -0.33 0.00	71.66 0.07 0.00	82.47 0.33 0.00	92.09 0.55 0.00	100.50 0.10 0.00	128.27 -0.39 0.00	159.05 -1.12 -0.05	181.24 -0.73 -0.19	154.42 -0.78 -0.08	113.24 -0.23 0.00	89.47 0.09 0.00	71.46 -0.07 0.00	61.96 -0.31 0.00
E_CANADA_CAP_HY 24051	55.31 5.07 0.00	51.42 4.59 0.00	50.22 4.40 0.00	46.30 4.02 0.00	46.84 4.07 0.00	50.41 4.42 0.00	53.15 4.16 0.00	55.62 3.88 0.00	58.06 3.54 0.00	60.70 3.38 0.00	61.45 3.26 0.00	69.85 3.51 0.00	75.96 4.37 0.00	87.47 5.34 0.00	97.94 6.41 0.00	107.73 7.33 0.00	137.52 8.87 0.00	172.62 12.50 0.00	198.32 16.54 0.00	171.88 16.76 0.00	126.96 13.50 0.00	100.01 10.63 0.00	79.40 7.87 0.00	68.43 6.17 0.00
E_CANADA_MHWK_HY 24050	50.04 -0.20 0.00	46.55 -0.28 0.00	45.54 -0.27 0.00	42.03 -0.25 0.00	42.47 -0.30 0.00	45.86 -0.14 0.00	48.75 -0.24 0.00	51.43 -0.31 0.00	54.14 -0.38 0.00	56.86 -0.46 0.00	57.61 -0.58 0.00	65.67 -0.66 0.00	71.02 -0.58 0.00	81.73 -0.41 0.00	91.26 -0.27 0.00	100.10 -0.30 0.00	127.76 -0.89 0.00	159.33 -0.80 0.00	181.05 -0.72 0.00	154.66 -0.46 0.00	113.24 -0.23 0.00	89.20 -0.18 0.00	71.25 -0.29 0.00	61.77 -0.50 0.00
E_FISHKILL__LBMP 23776	52.70 2.46 0.00	49.08 2.25 0.00	47.97 2.15 0.00	44.31 2.03 0.00	44.78 2.01 0.00	48.11 2.12 0.00	51.15 2.16 0.00	54.17 2.43 0.00	56.92 2.40 0.00	59.78 2.46 0.00	60.63 2.44 0.00	69.26 2.92 0.00	75.24 3.65 0.00	86.74 4.60 0.00	97.21 5.68 0.00	107.33 6.93 0.00	136.37 7.72 0.00	169.57 9.45 0.00	191.23 9.45 0.00	162.88 7.76 0.00	119.70 6.24 0.00	93.85 4.47 0.00	74.40 2.86 0.00	64.01 1.74 0.00
FALCON__SEABRD_CC1 323796	48.28 -1.96 0.00	45.10 -1.73 0.00	44.21 -1.60 0.00	40.80 -1.48 0.00	41.27 -1.50 0.00	44.52 -1.47 0.00	47.62 -1.37 0.00	50.18 -1.55 0.00	53.10 -1.42 0.00	55.71 -1.60 0.00	56.62 -1.57 0.00	64.55 -1.79 0.00	68.95 -2.65 0.00	78.61 -3.53 0.00	86.96 -4.57 0.00	95.78 -4.62 0.00	124.41 -4.24 0.00	155.96 -4.16 0.00	177.05 -4.73 0.00	151.56 -3.56 0.00	109.95 -3.52 0.00	86.34 -3.04 0.00	69.32 -2.22 0.00	60.77 -1.50 0.00
FALCON__SEABRD_CC2 323797	48.28 -1.96 0.00	45.10 -1.73 0.00	44.21 -1.60 0.00	40.80 -1.48 0.00	41.27 -1.50 0.00	44.52 -1.47 0.00	47.62 -1.37 0.00	50.18 -1.55 0.00	53.10 -1.42 0.00	55.71 -1.60 0.00	56.62 -1.57 0.00	64.55 -1.79 0.00	68.95 -2.65 0.00	78.61 -3.53 0.00	86.96 -4.57 0.00	95.78 -4.62 0.00	124.41 -4.24 0.00	155.96 -4.16 0.00	177.05 -4.73 0.00	151.56 -3.56 0.00	109.95 -3.52 0.00	86.34 -3.04 0.00	69.32 -2.22 0.00	60.77 -1.50 0.00

FAR ROCKAWAY___4 23548	54.81 4.57 0.00	51.42 4.59 0.00	50.03 4.22 0.00	46.09 3.81 0.00	46.36 3.59 0.00	49.68 3.68 0.00	52.76 3.77 0.00	55.20 3.47 0.00	57.96 3.49 0.05	60.74 3.67 0.25	62.55 4.36 0.00	71.71 5.37 0.00	77.89 6.30 0.00	89.78 7.64 0.00	100.97 9.43 0.00	112.25 11.85 0.00	143.06 14.41 0.00	182.02 17.29 -4.61	204.71 17.27 -5.66	173.11 13.81 -4.18	123.79 10.33 0.00	96.53 7.15 0.00	78.09 5.51 -1.04	71.37 3.11 -5.99
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	53.61 3.37 0.00	49.92 3.09 0.00	48.75 2.93 0.00	45.03 2.75 0.00	45.46 2.69 0.00	48.80 2.81 0.00	52.03 3.04 0.00	55.20 3.47 0.00	58.12 3.60 0.00	60.98 3.67 0.00	61.80 3.61 0.00	70.72 4.38 0.00	76.82 5.23 0.00	88.71 6.57 0.00	99.50 7.96 0.00	110.14 9.74 0.00	139.59 10.94 0.00	173.41 13.29 0.00	195.23 13.45 0.00	165.98 10.86 0.00	121.97 8.51 0.00	95.28 5.90 0.00	75.54 4.01 0.00	64.82 2.55 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	53.61 3.37 0.00	49.97 3.14 0.00	48.75 2.93 0.00	45.03 2.75 0.00	45.46 2.69 0.00	48.85 2.85 0.00	52.03 3.04 0.00	55.20 3.47 0.00	58.12 3.60 0.00	60.98 3.67 0.00	61.80 3.61 0.00	70.72 4.38 0.00	76.82 5.23 0.00	88.71 6.57 0.00	99.41 7.87 0.00	110.14 9.74 0.00	139.59 10.94 0.00	173.41 13.29 0.00	195.23 13.45 0.00	165.98 10.86 0.00	122.09 8.62 0.00	95.37 5.99 0.00	75.54 4.01 0.00	64.82 2.55 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	53.56 3.32 0.00	49.87 3.04 0.00	48.70 2.89 0.00	44.99 2.71 0.00	45.42 2.65 0.00	48.80 2.81 0.00	51.98 2.99 0.00	55.15 3.41 0.00	58.06 3.54 0.00	60.93 3.61 0.00	61.74 3.55 0.00	70.65 4.31 0.00	76.75 5.15 0.00	88.63 6.49 0.00	99.32 7.78 0.00	110.04 9.64 0.00	139.46 10.81 0.00	173.25 13.13 0.00	195.05 13.27 0.00	165.82 10.70 0.00	121.86 8.40 0.00	95.19 5.81 0.00	75.40 3.86 0.00	64.76 2.49 0.00
FARRAGUT___LBMP 323566	53.51 3.27 0.00	49.87 3.04 0.00	48.66 2.84 0.00	44.95 2.66 0.00	45.38 2.61 0.00	48.76 2.76 0.00	51.93 2.94 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.87 3.55 0.00	61.68 3.49 0.00	70.52 4.18 0.00	76.68 5.08 0.00	88.46 6.32 0.00	99.23 7.69 0.00	109.84 9.44 0.00	139.33 10.68 0.00	172.93 12.81 0.00	194.87 13.09 0.00	165.67 10.55 0.00	121.75 8.28 0.00	95.10 5.72 0.00	75.33 3.79 0.00	64.70 2.43 0.00
FENNER___WINDPWR 24204	51.75 1.51 0.00	48.19 1.36 0.00	47.01 1.19 0.00	43.34 1.06 0.00	43.84 1.07 0.00	47.28 1.29 0.00	50.22 1.23 0.00	53.08 1.34 0.00	55.88 1.36 0.00	58.80 1.49 0.00	59.65 1.46 0.00	68.00 1.66 0.00	73.67 2.08 0.00	85.09 2.95 0.00	95.01 3.48 0.00	103.91 3.51 0.00	132.13 3.47 0.00	164.52 4.32 -0.07	187.87 5.82 -0.27	160.65 5.43 -0.11	117.54 4.08 0.00	92.69 3.31 0.00	73.76 2.22 0.00	63.83 1.56 0.00
FIBERTEK___ENERGY 23856	50.24 0.00 0.00	46.92 0.09 0.00	45.73 -0.09 0.00	42.11 -0.17 0.00	42.56 -0.21 0.00	45.81 -0.18 0.00	48.55 -0.44 0.00	51.37 -0.36 0.00	54.30 -0.22 0.00	57.26 -0.06 0.00	58.31 0.12 0.00	66.40 0.07 0.00	72.17 0.57 0.00	83.04 0.90 0.00	92.82 1.28 0.00	101.30 0.90 0.00	129.30 0.64 0.00	160.22 0.00 -0.10	182.90 0.73 -0.40	155.90 0.62 -0.16	114.26 0.79 0.00	90.27 0.89 0.00	72.04 0.50 0.00	62.45 0.19 0.00
FITZPATRICK___ 23598	49.14 -1.11 0.00	45.84 -0.99 0.00	44.72 -1.10 0.00	41.23 -1.06 0.00	41.70 -1.07 0.00	44.80 -1.20 0.00	47.57 -1.42 0.00	50.29 -1.45 0.00	53.10 -1.42 0.00	56.00 -1.32 0.00	56.91 -1.28 0.00	64.82 -1.52 0.00	70.31 -1.29 0.00	80.74 -1.40 0.00	90.17 -1.37 0.00	98.60 -1.80 0.00	125.82 -2.83 0.00	155.25 -4.00 0.88	174.12 -4.17 3.48	150.18 -3.56 1.38	111.08 -2.39 0.00	87.77 -1.61 0.00	70.17 -1.36 0.00	60.90 -1.37 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	53.61 3.37 0.00	49.83 3.00 0.00	48.75 2.93 0.00	44.99 2.71 0.00	45.42 2.65 0.00	48.85 2.85 0.00	52.03 3.04 0.00	55.10 3.36 0.00	57.90 3.38 0.00	60.75 3.44 0.00	61.68 3.49 0.00	70.38 4.05 0.00	76.53 4.94 0.00	88.30 6.16 0.00	98.95 7.41 0.00	109.54 9.14 0.00	139.20 10.55 0.00	173.57 13.45 0.00	195.96 14.18 0.00	167.06 11.94 0.00	122.54 9.08 0.00	95.99 6.61 0.00	75.90 4.36 0.00	65.38 3.11 0.00
FORT ORANGE___ 23900	50.85 0.61 0.00	47.35 0.52 0.00	46.41 0.59 0.00	42.83 0.55 0.00	43.20 0.43 0.00	46.46 0.46 0.00	49.29 0.30 0.00	52.04 0.31 0.00	53.93 0.22 0.80	56.42 0.06 0.95	57.41 -0.06 0.72	65.15 0.00 1.19	70.52 0.43 1.50	80.77 0.74 2.11	89.88 1.01 2.67	101.60 1.60 0.40	127.84 1.16 1.97	158.43 2.08 3.77	178.98 2.19 4.99	153.52 1.87 3.46	114.27 1.93 1.12	88.19 1.52 2.70	72.25 0.72 0.00	62.39 0.12 0.00
FORT_DRUM_COGEN 23780	52.70 2.46 0.00	48.94 2.11 0.00	47.70 1.88 0.00	44.19 1.90 0.00	44.61 1.84 0.00	48.53 2.53 0.00	51.54 2.55 0.00	54.22 2.48 0.00	56.70 2.18 0.00	59.21 1.89 0.00	59.70 1.51 0.00	68.00 1.66 0.00	73.53 1.93 0.00	85.01 2.87 0.00	94.47 2.93 0.00	103.71 3.31 0.00	133.29 4.63 0.00	167.59 7.37 -0.10	193.26 11.09 -0.39	167.22 11.94 -0.15	121.75 8.28 0.00	96.08 6.70 0.00	75.90 4.36 0.00	65.57 3.30 0.00
FOX_HILLS___ESR 323835	51.24 3.17 2.17	49.97 3.14 0.00	48.98 3.16 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	48.94 2.94 0.00	50.91 2.65 0.73	51.02 3.00 3.71	51.00 3.05 6.57	51.15 3.15 9.32	53.11 3.20 8.28	61.37 3.71 8.68	66.05 4.51 10.05	68.55 5.83 19.42	91.39 7.14 7.29	101.66 9.14 7.88	113.31 9.65 24.99	135.35 11.53 36.30	134.71 11.63 58.71	109.79 9.15 54.48	103.77 7.26 16.95	85.54 4.83 8.66	65.20 3.29 9.62	54.03 2.05 10.29
FPL_FAR_ROCK_GT1 24212	54.81 4.57 0.00	51.56 4.73 0.00	50.26 4.44 0.00	46.34 4.06 0.00	46.45 3.68 0.00	50.14 4.14 0.00	53.20 4.21 0.00	55.62 3.88 0.00	57.96 3.49 0.05	60.74 3.67 0.25	62.56 4.37 0.00	71.71 5.37 0.00	78.04 6.45 0.00	89.69 7.55 0.00	100.97 9.43 0.00	112.24 11.84 0.00	143.06 14.41 0.00	182.03 17.30 -4.61	204.72 17.28 -5.66	173.11 13.80 -4.18	123.79 10.32 0.00	96.53 7.15 0.00	76.51 3.93 -1.04	71.37 3.11 -5.99
FPL_FAR_ROCK_GT2 23815	54.81 4.57 0.00	51.56 4.73 0.00	50.26 4.44 0.00	46.34 4.06 0.00	46.45 3.68 0.00	50.14 4.14 0.00	53.20 4.21 0.00	55.62 3.88 0.00	57.96 3.49 0.05	60.74 3.67 0.25	62.56 4.37 0.00	71.71 5.37 0.00	78.04 6.45 0.00	89.69 7.55 0.00	100.97 9.43 0.00	112.24 11.84 0.00	143.06 14.41 0.00	182.03 17.30 -4.61	204.72 17.28 -5.66	173.11 13.80 -4.18	123.79 10.32 0.00	96.53 7.15 0.00	76.51 3.93 -1.04	71.37 3.11 -5.99
FRANKLIN_FALL_HYD 24054	49.44 -0.80 0.00	45.80 -1.03 0.00	44.90 -0.92 0.00	41.48 -0.80 0.00	41.87 -0.90 0.00	45.08 -0.92 0.00	48.60 -0.39 0.00	51.17 -0.57 0.00	54.08 -0.44 0.00	56.57 -0.75 0.00	57.38 -0.81 0.00	65.41 -0.93 0.00	69.87 -1.72 0.00	79.67 -2.46 0.00	88.15 -3.39 0.00	97.19 -3.21 0.00	126.34 -2.32 0.00	158.52 -1.60 0.00	180.14 -1.64 0.00	154.50 -0.62 0.00	111.88 -1.59 0.00	87.86 -1.52 0.00	70.53 -1.00 0.00	61.96 -0.31 0.00

FREEPORT_EQUS_GT1 23764	54.21 3.97 0.00	51.09 4.26 0.00	49.85 4.03 0.00	45.92 3.64 0.00	46.02 3.25 0.00	49.72 3.72 0.00	52.67 3.68 0.00	55.00 3.26 0.00	57.03 2.72 0.22	58.84 2.81 1.28	61.62 3.43 0.00	70.39 4.05 0.00	76.53 4.94 0.00	87.64 5.50 0.00	98.68 7.14 0.00	109.94 9.54 0.00	140.24 11.58 0.00	174.69 14.57 0.00	195.97 14.19 0.00	166.29 11.17 0.00	121.18 7.72 0.00	94.74 5.36 0.00	74.11 2.79 0.21	62.95 2.05 1.37
FREEPORT___CT2 23818	54.21 3.97 0.00	51.09 4.26 0.00	49.85 4.03 0.00	45.92 3.64 0.00	46.02 3.25 0.00	49.72 3.72 0.00	52.67 3.68 0.00	55.00 3.26 0.00	57.03 2.72 0.22	58.84 2.81 1.28	61.62 3.43 0.00	70.39 4.05 0.00	76.53 4.94 0.00	87.64 5.50 0.00	98.68 7.14 0.00	109.94 9.54 0.00	140.24 11.58 0.00	174.69 14.57 0.00	195.97 14.19 0.00	166.29 11.17 0.00	121.18 7.72 0.00	94.74 5.36 0.00	74.11 2.79 0.21	62.95 2.05 1.37
FRESHKLS_33_KV_LOAD 356253	51.14 3.06 2.17	49.92 3.09 0.00	49.02 3.21 0.00	45.50 3.21 -0.01	45.90 3.12 -0.01	48.99 2.99 0.00	50.81 2.55 0.73	50.92 2.90 3.71	50.82 2.89 6.59	51.02 3.04 9.33	52.97 3.08 8.30	61.24 3.58 8.68	65.91 4.37 10.05	68.46 5.75 19.42	91.30 7.05 7.29	101.66 9.14 7.88	113.19 9.52 24.99	135.35 11.53 36.30	134.71 11.63 58.71	109.94 9.31 54.48	103.77 7.26 16.95	85.54 4.83 8.66	65.20 3.29 9.62	53.97 1.99 10.29
FULTON COGEN____ 23766	49.84 -0.40 0.00	46.55 -0.28 0.00	45.40 -0.41 0.00	41.82 -0.47 0.00	42.26 -0.51 0.00	45.49 -0.51 0.00	48.21 -0.78 0.00	51.01 -0.72 0.00	53.86 -0.65 0.00	56.80 -0.52 0.00	57.72 -0.47 0.00	65.81 -0.53 0.00	71.38 -0.21 0.00	82.14 0.00 0.00	91.72 0.18 0.00	100.30 -0.10 0.00	128.01 -0.64 0.00	158.93 -1.44 -0.25	181.87 -0.91 -1.00	154.74 -0.78 -0.40	113.24 -0.23 0.00	89.38 0.00 0.00	71.32 -0.21 0.00	61.83 -0.44 0.00
FULTON___LFGE 323630	54.96 4.72 0.00	51.09 4.26 0.00	49.89 4.08 0.00	46.00 3.72 0.00	46.54 3.76 0.00	50.05 4.05 0.00	52.86 3.87 0.00	55.41 3.67 0.00	57.90 3.38 0.00	60.47 3.15 0.00	61.27 3.08 0.00	69.65 3.32 0.00	75.74 4.15 0.00	87.15 5.01 0.00	97.58 6.04 0.00	107.53 7.13 0.00	137.41 8.75 0.00	172.45 12.33 0.00	197.95 16.17 0.00	171.10 15.98 0.00	126.28 12.82 0.00	99.39 10.01 0.00	78.84 7.30 0.00	67.93 5.67 0.00
G.F.CEMENT___DRP 24184	53.36 3.11 0.00	49.50 2.67 0.00	48.38 2.57 0.00	44.57 2.28 0.00	45.04 2.27 0.00	48.34 2.35 0.00	51.29 2.30 0.00	54.27 2.53 0.00	56.97 2.45 0.00	59.67 2.35 0.00	60.05 1.86 0.00	68.39 2.06 0.00	74.46 2.86 0.00	85.67 3.53 0.00	95.93 4.39 0.00	105.92 5.52 0.00	135.47 6.82 0.00	170.21 10.09 0.00	195.23 13.45 0.00	166.75 11.63 0.00	122.77 9.30 0.00	98.82 7.24 -2.20	76.47 4.94 0.00	65.88 3.61 0.00
GARDENVILLE___LBMP 24039	51.30 1.06 0.00	48.89 2.06 0.00	46.78 0.96 0.00	42.71 0.42 0.00	42.94 0.17 0.00	46.18 0.18 0.00	48.50 -0.49 0.00	51.01 -0.72 0.00	54.41 -0.11 0.00	58.41 1.09 0.00	60.05 1.86 0.00	68.06 1.72 0.00	74.81 3.22 0.00	85.92 3.78 0.00	95.38 3.84 0.00	102.51 2.11 0.00	129.55 0.90 0.00	159.32 -0.80 0.00	181.96 0.18 0.00	154.81 -0.31 0.00	114.26 0.79 0.00	90.72 1.34 0.00	73.61 2.07 0.00	64.70 2.43 0.00
GARDNVLA_35_KV_LD 355827	51.50 1.26 0.00	49.12 2.29 0.00	46.96 1.15 0.00	42.88 0.59 0.00	43.11 0.34 0.00	46.32 0.32 0.00	48.70 -0.29 0.00	51.27 -0.47 0.00	54.68 0.16 0.00	58.75 1.43 0.00	60.40 2.21 0.00	68.46 2.12 0.00	75.32 3.72 0.00	86.57 4.44 0.00	96.21 4.67 0.00	103.31 2.91 0.00	130.71 2.06 0.00	160.44 0.32 0.00	183.41 1.64 0.00	155.89 0.78 0.00	114.94 1.48 0.00	91.25 1.88 0.00	74.11 2.58 0.00	65.07 2.80 0.00
GELCKHM___115KV_LOAD 80723	50.04 -0.20 0.00	46.78 -0.05 0.00	45.59 -0.23 0.00	41.99 -0.30 0.00	42.43 -0.34 0.00	45.63 -0.37 0.00	48.40 -0.59 0.00	51.22 -0.52 0.00	54.08 -0.44 0.00	57.09 -0.23 0.00	58.07 -0.12 0.00	66.14 -0.20 0.00	71.81 0.21 0.00	82.63 0.49 0.00	92.36 0.82 0.00	100.80 0.40 0.00	128.65 0.00 0.00	159.55 -0.64 -0.07	181.88 -0.18 -0.28	154.92 -0.31 -0.11	113.69 0.23 0.00	89.74 0.36 0.00	71.68 0.14 0.00	62.14 -0.12 0.00
GENERAL___MILLS 23808	51.40 1.16 0.00	48.98 2.15 0.00	46.87 1.05 0.00	42.79 0.51 0.00	43.03 0.26 0.00	46.27 0.28 0.00	48.60 -0.39 0.00	51.17 -0.57 0.00	54.52 0.00 0.00	58.58 1.26 0.00	60.23 2.04 0.00	68.26 1.92 0.00	75.10 3.51 0.00	86.16 4.02 0.00	95.75 4.21 0.00	102.81 2.41 0.00	130.07 1.42 0.00	159.80 -0.32 0.00	182.69 0.91 0.00	155.27 0.16 0.00	114.60 1.13 0.00	90.99 1.61 0.00	73.83 2.29 0.00	64.88 2.62 0.00
GE_PLASTICS___DRP 24183	50.59 0.35 0.00	47.11 0.28 0.00	46.23 0.41 0.00	42.66 0.38 0.00	43.11 0.34 0.00	46.32 0.32 0.00	49.09 0.10 0.00	51.83 0.16 0.06	40.38 0.05 14.20	40.43 0.00 16.89	45.28 -0.12 12.79	45.28 -0.07 20.99	45.28 0.29 26.60	45.36 0.57 37.35	45.28 1.01 47.27	94.58 1.31 7.12	94.58 0.77 34.85	94.59 1.28 66.82	94.57 1.09 88.29	94.58 0.78 61.32	94.58 1.02 19.90	88.47 0.98 1.89	71.82 0.29 0.00	62.02 -0.25 0.00
GILBOA___1 23756	51.60 1.36 0.00	48.14 1.31 0.00	47.56 1.74 0.00	44.06 1.78 0.00	44.48 1.71 0.00	47.70 1.70 0.00	50.26 1.27 0.00	52.93 1.19 0.00	55.72 1.20 0.00	58.52 1.21 0.00	59.35 1.16 0.00	67.73 1.40 0.00	73.45 1.86 0.00	84.52 2.38 0.00	94.55 3.02 0.00	103.11 2.71 0.00	131.23 2.57 0.00	163.32 3.20 0.00	184.86 3.09 0.00	157.59 2.47 0.00	116.18 2.72 0.00	92.06 2.68 0.00	73.18 1.65 0.00	63.26 0.99 0.00
GILBOA___2 23757	51.60 1.36 0.00	48.14 1.31 0.00	47.56 1.74 0.00	44.06 1.78 0.00	44.48 1.71 0.00	47.70 1.70 0.00	50.26 1.27 0.00	52.93 1.19 0.00	55.72 1.20 0.00	58.52 1.21 0.00	59.35 1.16 0.00	67.73 1.40 0.00	73.45 1.86 0.00	84.52 2.38 0.00	94.55 3.02 0.00	103.11 2.71 0.00	131.23 2.57 0.00	163.32 3.20 0.00	184.86 3.09 0.00	157.59 2.47 0.00	116.18 2.72 0.00	92.06 2.68 0.00	73.18 1.65 0.00	63.26 0.99 0.00
GILBOA___3 23758	51.60 1.36 0.00	48.14 1.31 0.00	47.56 1.74 0.00	44.06 1.78 0.00	44.48 1.71 0.00	47.70 1.70 0.00	50.26 1.27 0.00	52.93 1.19 0.00	55.72 1.20 0.00	58.52 1.21 0.00	59.35 1.16 0.00	67.73 1.40 0.00	73.45 1.86 0.00	84.52 2.38 0.00	94.55 3.02 0.00	103.11 2.71 0.00	131.23 2.57 0.00	163.32 3.20 0.00	184.86 3.09 0.00	157.59 2.47 0.00	116.18 2.72 0.00	92.06 2.68 0.00	73.18 1.65 0.00	63.26 0.99 0.00
GILBOA___4 23759	51.60 1.36 0.00	48.14 1.31 0.00	47.56 1.74 0.00	44.06 1.78 0.00	44.48 1.71 0.00	47.70 1.70 0.00	50.26 1.27 0.00	52.93 1.19 0.00	55.72 1.20 0.00	58.52 1.21 0.00	59.35 1.16 0.00	67.73 1.40 0.00	73.45 1.86 0.00	84.52 2.38 0.00	94.55 3.02 0.00	103.11 2.71 0.00	131.23 2.57 0.00	163.32 3.20 0.00	184.86 3.09 0.00	157.59 2.47 0.00	116.18 2.72 0.00	92.06 2.68 0.00	73.18 1.65 0.00	63.26 0.99 0.00

GILBOA____ 23599	51.60 1.36 0.00	48.05 1.22 0.00	47.51 1.70 0.00	44.02 1.73 0.00	44.48 1.71 0.00	47.65 1.66 0.00	50.22 1.22 0.00	52.92 1.19 0.00	55.72 1.20 0.00	58.52 1.20 0.00	59.35 1.16 0.00	67.73 1.39 0.00	73.45 1.86 0.00	84.60 2.46 0.00	94.56 3.02 0.00	103.11 2.71 0.00	131.23 2.57 0.00	163.33 3.20 0.00	184.87 3.09 0.00	157.60 2.48 0.00	116.19 2.72 0.00	92.06 2.68 0.00	73.18 1.65 0.00	63.26 1.00 0.00
GINNA____ 23603	49.14 -1.11 0.00	45.94 -0.89 0.00	44.40 -1.42 0.00	40.68 -1.61 0.00	41.19 -1.58 0.00	44.16 -1.84 0.00	46.79 -2.20 0.00	49.51 -2.22 0.00	52.61 -1.91 0.00	56.00 -1.32 0.00	57.26 -0.93 0.00	65.34 -0.99 0.00	71.24 -0.36 0.00	81.81 -0.33 0.00	91.17 -0.36 0.00	99.20 -1.20 0.00	126.34 -2.31 0.00	156.13 -4.00 0.00	178.32 -3.46 0.00	151.71 -3.41 0.00	111.20 -2.27 0.00	88.31 -1.07 0.00	70.82 -0.72 0.00	61.52 -0.74 0.00
GLEN PARK____ 23778	53.10 2.86 0.00	49.22 2.39 0.00	47.97 2.15 0.00	44.40 2.11 0.00	44.87 2.10 0.00	48.80 2.81 0.00	51.83 2.84 0.00	54.53 2.79 0.00	56.97 2.46 0.00	59.55 2.23 0.00	60.00 1.81 0.00	68.33 1.99 0.00	73.81 2.22 0.00	85.43 3.29 0.00	94.93 3.39 0.00	104.21 3.81 0.00	134.06 5.40 0.00	168.73 8.48 -0.12	194.80 12.53 -0.49	168.80 13.49 -0.19	123.10 9.64 0.00	97.07 7.69 0.00	76.62 5.08 0.00	66.13 3.86 0.00
GLENDALE_27_KV_LOAD 356172	53.86 3.62 0.00	50.25 3.42 0.00	49.07 3.25 0.00	45.33 3.04 0.00	45.76 2.99 0.00	49.08 3.08 0.00	52.27 3.28 0.00	55.41 3.67 0.00	58.28 3.76 0.00	61.16 3.84 0.00	62.09 3.90 0.00	70.92 4.58 0.00	76.96 5.37 0.00	88.87 6.74 0.00	99.68 8.15 0.00	110.54 10.14 0.00	139.98 11.32 0.00	173.73 13.61 0.00	195.59 13.82 0.00	166.28 11.17 0.01	122.19 8.74 0.01	95.45 6.08 0.01	75.61 4.08 0.00	65.01 2.74 0.00
GLENWOOD_IC_1_G5 23712	53.86 3.62 0.00	50.39 3.56 0.00	49.12 3.30 0.00	45.33 3.04 0.00	45.68 2.91 0.00	48.99 2.99 0.00	52.08 3.09 0.00	54.84 3.10 0.00	57.50 3.11 0.13	59.81 3.27 0.77	61.45 3.26 0.00	70.38 4.05 0.00	76.46 4.87 0.00	88.22 6.08 0.00	99.04 7.51 0.00	109.94 9.54 0.00	139.85 11.19 0.00	173.89 13.77 0.00	195.41 13.63 0.00	165.98 10.86 0.00	121.41 7.94 0.00	94.74 5.36 0.00	75.10 3.72 0.15	63.17 1.87 0.97
GLENWOOD_IC_2_G1 23688	53.61 3.37 0.00	50.25 3.42 0.00	48.98 3.16 0.00	45.20 2.92 0.00	45.47 2.70 0.00	49.03 3.04 0.00	52.08 3.09 0.00	54.89 3.16 0.00	57.51 3.00 0.00	60.34 3.04 0.01	61.50 3.32 0.00	70.32 3.98 0.00	76.46 4.87 0.00	88.06 5.92 0.00	98.95 7.41 0.00	109.63 9.23 0.00	139.33 10.67 0.00	173.26 13.13 0.00	195.04 13.26 0.00	165.67 10.55 0.00	121.40 7.94 0.00	94.83 5.45 0.00	74.61 3.07 0.00	64.39 2.12 0.00
GLENWOOD_IC_3_G1 23689	53.61 3.37 0.00	50.25 3.42 0.00	48.98 3.16 0.00	45.20 2.92 0.00	45.47 2.70 0.00	49.03 3.04 0.00	52.08 3.09 0.00	54.89 3.16 0.00	57.51 3.00 0.00	60.34 3.04 0.01	61.50 3.32 0.00	70.32 3.98 0.00	76.46 4.87 0.00	88.06 5.92 0.00	98.95 7.41 0.00	109.63 9.23 0.00	139.33 10.67 0.00	173.26 13.13 0.00	195.04 13.26 0.00	165.67 10.55 0.00	121.40 7.94 0.00	94.83 5.45 0.00	74.61 3.07 0.00	64.39 2.12 0.00
GLENWOOD____4 23550	53.86 3.62 0.00	50.39 3.56 0.00	49.12 3.30 0.00	45.33 3.04 0.00	45.68 2.91 0.00	48.99 2.99 0.00	52.08 3.09 0.00	54.84 3.10 0.00	57.50 3.11 0.13	59.81 3.27 0.77	61.62 3.43 0.00	70.52 4.18 0.00	76.68 5.08 0.00	88.38 6.24 0.00	99.32 7.78 0.00	110.24 9.84 0.00	140.10 11.45 0.00	174.37 14.25 0.00	195.96 14.18 0.00	166.29 11.17 0.00	121.63 8.17 0.00	95.01 5.63 0.00	75.24 3.86 0.15	63.36 2.05 0.97
GLENWOOD____5 23614	53.86 3.62 0.00	50.39 3.56 0.00	49.12 3.30 0.00	45.33 3.04 0.00	45.68 2.91 0.00	48.99 2.99 0.00	52.08 3.09 0.00	54.84 3.10 0.00	57.50 3.11 0.13	59.81 3.27 0.77	61.62 3.43 0.00	70.52 4.18 0.00	76.68 5.08 0.00	88.38 6.24 0.00	99.32 7.78 0.00	110.24 9.84 0.00	140.10 11.45 0.00	174.37 14.25 0.00	195.96 14.18 0.00	166.29 11.17 0.00	121.63 8.17 0.00	95.01 5.63 0.00	75.24 3.86 0.15	63.36 2.05 0.97
GLOBAL GREEN_PORT_GT1 23814	55.67 5.43 0.00	52.59 5.76 0.00	51.31 5.50 0.00	47.27 4.99 0.00	47.26 4.49 0.00	51.19 5.20 0.00	54.28 5.29 0.00	56.55 4.81 0.00	58.22 4.09 0.39	59.63 4.64 2.32	64.30 6.11 0.00	73.73 7.56 0.17	80.20 8.66 0.05	91.99 10.18 0.33	103.64 12.45 0.35	116.06 15.66 0.00	144.75 16.08 -0.01	209.55 20.18 -29.25	208.98 19.46 -7.75	171.50 19.70 3.32	126.36 12.93 0.04	97.78 8.40 0.00	74.42 4.00 1.12	59.10 3.55 6.72
GLOBE____DSASP 323697	49.44 -0.80 0.00	47.34 0.52 0.00	45.27 -0.55 0.00	42.07 -0.21 0.00	42.21 -0.56 0.00	45.40 -0.60 0.00	46.74 -2.25 0.00	49.04 -2.69 0.00	52.28 -2.24 0.00	56.17 -1.15 0.00	57.72 -0.47 0.00	65.34 -1.00 0.00	71.66 0.07 0.00	82.06 -0.08 0.00	91.08 -0.46 0.00	97.79 -2.61 0.00	123.51 -5.15 0.00	151.80 -8.33 0.00	173.42 -8.36 0.00	147.52 -7.60 0.00	108.92 -4.54 0.00	86.61 -2.77 0.00	70.53 -1.00 0.00	62.39 0.12 0.00
GOETHSLN____LBMP 323567	51.03 2.96 2.18	49.54 2.72 0.01	48.37 2.57 0.01	44.69 2.41 0.00	45.12 2.35 0.00	48.47 2.48 0.01	50.90 2.65 0.74	51.07 3.05 3.72	51.10 3.16 6.58	51.14 3.15 9.33	52.98 3.08 8.29	61.36 3.71 8.69	66.04 4.51 10.06	68.46 5.75 19.43	91.29 7.05 7.29	101.25 8.73 7.89	113.31 9.65 25.00	135.50 11.69 36.31	134.88 11.82 58.71	110.09 9.46 54.49	103.99 7.49 16.96	85.80 5.09 8.67	65.20 3.29 9.63	53.90 1.93 10.30
GOLAH____69_KV_TB 1_2 80279	51.55 1.31 0.00	48.75 1.92 0.00	46.82 1.01 0.00	42.79 0.51 0.00	43.03 0.26 0.00	46.50 0.51 0.00	48.99 0.00 0.00	51.58 -0.16 0.00	54.79 0.27 0.00	58.41 1.09 0.00	59.82 1.63 0.00	68.06 1.72 0.00	74.46 2.86 0.00	85.10 2.96 0.00	94.92 3.39 0.00	102.91 2.51 0.00	130.46 1.80 0.00	160.92 0.80 0.00	184.32 2.54 0.00	157.14 2.02 0.00	115.62 2.16 0.00	91.88 2.50 0.00	73.90 2.36 0.00	64.95 2.68 0.00
GOODYEAR_LAKE_HYD 323669	53.06 2.81 0.00	49.41 2.58 0.00	48.34 2.52 0.00	44.65 2.37 0.00	45.17 2.40 0.00	48.67 2.67 0.00	51.54 2.55 0.00	54.32 2.59 0.00	57.13 2.62 0.00	60.07 2.75 0.00	60.87 2.68 0.00	69.46 3.12 0.00	75.39 3.79 0.00	87.07 4.93 0.00	97.40 5.86 0.00	106.42 6.02 0.00	135.86 7.20 0.00	169.09 8.97 0.00	192.50 10.72 0.00	164.74 9.62 0.00	121.18 7.72 0.00	95.46 6.08 0.00	75.83 4.29 0.00	65.51 3.24 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	51.50 1.26 0.00	48.23 1.40 0.00	46.87 1.05 0.00	43.21 0.93 0.00	43.67 0.90 0.00	46.92 0.92 0.00	49.73 0.73 0.00	52.56 0.83 0.00	55.50 0.98 0.00	58.69 1.38 0.00	59.76 1.57 0.00	68.00 1.66 0.00	73.96 2.36 0.00	85.18 3.04 0.00	95.11 3.57 0.00	103.31 2.91 0.00	131.61 2.96 0.00	163.01 2.88 0.00	185.59 3.82 0.00	158.38 3.26 0.00	116.53 3.06 0.00	92.24 2.86 0.00	73.75 2.22 0.00	64.01 1.74 0.00

GOUDEY___7 23579	51.50 1.26 0.00	48.23 1.40 0.00	46.87 1.05 0.00	43.21 0.93 0.00	43.67 0.90 0.00	46.92 0.92 0.00	49.73 0.73 0.00	52.56 0.83 0.00	55.50 0.98 0.00	58.69 1.38 0.00	59.76 1.57 0.00	68.00 1.66 0.00	73.96 2.36 0.00	85.18 3.04 0.00	95.11 3.57 0.00	103.31 2.91 0.00	131.61 2.96 0.00	163.01 2.88 0.00	185.59 3.82 0.00	158.38 3.26 0.00	116.53 3.06 0.00	92.24 2.86 0.00	73.75 2.22 0.00	64.01 1.74 0.00
GOUDEY___8 23580	51.50 1.26 0.00	48.23 1.40 0.00	46.87 1.05 0.00	43.21 0.93 0.00	43.67 0.90 0.00	46.92 0.92 0.00	49.73 0.73 0.00	52.56 0.83 0.00	55.50 0.98 0.00	58.69 1.38 0.00	59.76 1.57 0.00	68.00 1.66 0.00	73.96 2.36 0.00	85.18 3.04 0.00	95.11 3.57 0.00	103.31 2.91 0.00	131.61 2.96 0.00	163.01 2.88 0.00	185.59 3.82 0.00	158.38 3.26 0.00	116.53 3.06 0.00	92.24 2.86 0.00	73.75 2.22 0.00	64.01 1.74 0.00
GOWANUS_GT1_1 24077	53.66 3.42 0.00	50.15 3.32 0.00	49.07 3.25 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	49.03 3.04 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.45 4.11 0.00	76.46 4.87 0.00	88.38 6.24 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.29 0.00	172.62 12.49 0.00	194.32 12.54 0.00	165.04 9.93 0.01	121.29 7.83 0.01	94.64 5.27 0.01	75.26 3.72 0.00	64.70 2.43 0.00
GOWANUS_GT1_2 24078	53.66 3.42 0.00	50.15 3.32 0.00	49.07 3.25 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	49.03 3.04 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.45 4.11 0.00	76.46 4.87 0.00	88.38 6.24 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.29 0.00	172.62 12.49 0.00	194.32 12.54 0.00	165.04 9.93 0.01	121.29 7.83 0.01	94.64 5.27 0.01	75.26 3.72 0.00	64.70 2.43 0.00
GOWANUS_GT1_3 24079	53.66 3.42 0.00	50.15 3.32 0.00	49.07 3.25 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	49.03 3.04 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.45 4.11 0.00	76.46 4.87 0.00	88.38 6.24 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.29 0.00	172.62 12.49 0.00	194.32 12.54 0.00	165.04 9.93 0.01	121.29 7.83 0.01	94.64 5.27 0.01	75.26 3.72 0.00	64.70 2.43 0.00
GOWANUS_GT1_4 24080	53.66 3.42 0.00	50.15 3.32 0.00	49.07 3.25 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	49.03 3.04 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.45 4.11 0.00	76.46 4.87 0.00	88.38 6.24 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.29 0.00	172.62 12.49 0.00	194.32 12.54 0.00	165.04 9.93 0.01	121.29 7.83 0.01	94.64 5.27 0.01	75.26 3.72 0.00	64.70 2.43 0.00
GOWANUS_GT1_5 24084	53.66 3.42 0.00	50.15 3.32 0.00	49.07 3.25 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	49.03 3.04 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.45 4.11 0.00	76.46 4.87 0.00	88.38 6.24 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.29 0.00	172.62 12.49 0.00	194.32 12.54 0.00	165.04 9.93 0.01	121.29 7.83 0.01	94.64 5.27 0.01	75.26 3.72 0.00	64.70 2.43 0.00
GOWANUS_GT1_6 24111	53.66 3.42 0.00	50.15 3.32 0.00	49.07 3.25 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	49.03 3.04 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.45 4.11 0.00	76.46 4.87 0.00	88.38 6.24 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.29 0.00	172.62 12.49 0.00	194.32 12.54 0.00	165.04 9.93 0.01	121.29 7.83 0.01	94.64 5.27 0.01	75.26 3.72 0.00	64.70 2.43 0.00
GOWANUS_GT1_7 24112	53.66 3.42 0.00	50.15 3.32 0.00	49.07 3.25 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	49.03 3.04 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.45 4.11 0.00	76.46 4.87 0.00	88.38 6.24 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.29 0.00	172.62 12.49 0.00	194.32 12.54 0.00	165.04 9.93 0.01	121.29 7.83 0.01	94.64 5.27 0.01	75.26 3.72 0.00	64.70 2.43 0.00
GOWANUS_GT1_8 24113	53.66 3.42 0.00	50.15 3.32 0.00	49.07 3.25 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	49.03 3.04 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.45 4.11 0.00	76.46 4.87 0.00	88.38 6.24 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.29 0.00	172.62 12.49 0.00	194.32 12.54 0.00	165.04 9.93 0.01	121.29 7.83 0.01	94.64 5.27 0.01	75.26 3.72 0.00	64.70 2.43 0.00
GOWANUS_GT2_1 24114	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.53 4.94 0.00	88.30 6.16 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.30 0.01	172.61 12.50 0.01	194.30 12.53 0.01	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.17 3.65 0.01	64.69 2.43 0.00
GOWANUS_GT2_2 24115	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.53 4.94 0.00	88.30 6.16 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.30 0.01	172.61 12.50 0.01	194.30 12.53 0.01	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.17 3.65 0.01	64.69 2.43 0.00
GOWANUS_GT2_3 24116	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.53 4.94 0.00	88.30 6.16 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.30 0.01	172.61 12.50 0.01	194.30 12.53 0.01	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.17 3.65 0.01	64.69 2.43 0.00
GOWANUS_GT2_4 24117	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.53 4.94 0.00	88.30 6.16 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.30 0.01	172.61 12.50 0.01	194.30 12.53 0.01	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.17 3.65 0.01	64.69 2.43 0.00
GOWANUS_GT2_5 24118	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.53 4.94 0.00	88.30 6.16 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.30 0.01	172.61 12.50 0.01	194.30 12.53 0.01	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.17 3.65 0.01	64.69 2.43 0.00

GOWANUS_GT2_6 24119	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.53 4.94 0.00	88.30 6.16 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.30 0.01	172.61 12.50 0.01	194.30 12.53 0.01	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.17 3.65 0.01	64.69 2.43 0.00
GOWANUS_GT2_7 24120	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.53 4.94 0.00	88.30 6.16 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.30 0.01	172.61 12.50 0.01	194.30 12.53 0.01	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.17 3.65 0.01	64.69 2.43 0.00
GOWANUS_GT2_8 24121	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.53 4.94 0.00	88.30 6.16 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.30 0.01	172.61 12.50 0.01	194.30 12.53 0.01	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.17 3.65 0.01	64.69 2.43 0.00
GOWANUS_GT3_1 24122	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.46 4.11 0.00	76.53 4.94 0.00	88.30 6.16 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.30 0.00	172.62 12.50 0.00	194.31 12.53 0.00	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.19 3.65 0.00	64.69 2.43 0.00
GOWANUS_GT3_2 24123	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.46 4.11 0.00	76.53 4.94 0.00	88.30 6.16 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.30 0.00	172.62 12.50 0.00	194.31 12.53 0.00	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.19 3.65 0.00	64.69 2.43 0.00
GOWANUS_GT3_3 24124	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.46 4.11 0.00	76.53 4.94 0.00	88.30 6.16 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.30 0.00	172.62 12.50 0.00	194.31 12.53 0.00	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.19 3.65 0.00	64.69 2.43 0.00
GOWANUS_GT3_4 24125	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.46 4.11 0.00	76.53 4.94 0.00	88.30 6.16 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.30 0.00	172.62 12.50 0.00	194.31 12.53 0.00	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.19 3.65 0.00	64.69 2.43 0.00
GOWANUS_GT3_5 24126	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.46 4.11 0.00	76.53 4.94 0.00	88.30 6.16 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.30 0.00	172.62 12.50 0.00	194.31 12.53 0.00	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.19 3.65 0.00	64.69 2.43 0.00
GOWANUS_GT3_6 24127	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.46 4.11 0.00	76.53 4.94 0.00	88.30 6.16 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.30 0.00	172.62 12.50 0.00	194.31 12.53 0.00	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.19 3.65 0.00	64.69 2.43 0.00
GOWANUS_GT3_7 24128	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.46 4.11 0.00	76.53 4.94 0.00	88.30 6.16 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.30 0.00	172.62 12.50 0.00	194.31 12.53 0.00	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.19 3.65 0.00	64.69 2.43 0.00
GOWANUS_GT3_8 24129	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.46 4.11 0.00	76.53 4.94 0.00	88.30 6.16 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.30 0.00	172.62 12.50 0.00	194.31 12.53 0.00	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.19 3.65 0.00	64.69 2.43 0.00
GOWANUS_GT4_1 24130	53.66 3.42 0.00	50.15 3.32 0.00	49.07 3.25 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	49.03 3.04 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.46 4.87 0.00	88.38 6.24 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.29 0.01	172.61 12.49 0.01	194.31 12.54 0.01	165.04 9.93 0.01	121.29 7.83 0.01	94.64 5.27 0.01	75.25 3.72 0.01	64.70 2.43 0.00
GOWANUS_GT4_2 24131	53.66 3.42 0.00	50.15 3.32 0.00	49.07 3.25 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	49.03 3.04 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.46 4.87 0.00	88.38 6.24 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.29 0.01	172.61 12.49 0.01	194.31 12.54 0.01	165.04 9.93 0.01	121.29 7.83 0.01	94.64 5.27 0.01	75.25 3.72 0.01	64.70 2.43 0.00
GOWANUS_GT4_3 24132	53.66 3.42 0.00	50.15 3.32 0.00	49.07 3.25 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	49.03 3.04 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.46 4.87 0.00	88.38 6.24 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.29 0.01	172.61 12.49 0.01	194.31 12.54 0.01	165.04 9.93 0.01	121.29 7.83 0.01	94.64 5.27 0.01	75.25 3.72 0.01	64.70 2.43 0.00
GOWANUS_GT4_4 24133	53.66 3.42 0.00	50.15 3.32 0.00	49.07 3.25 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	49.03 3.04 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.46 4.87 0.00	88.38 6.24 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.29 0.01	172.61 12.49 0.01	194.31 12.54 0.01	165.04 9.93 0.01	121.29 7.83 0.01	94.64 5.27 0.01	75.25 3.72 0.01	64.70 2.43 0.00

GOWANUS_GT4_5 24134	53.66 3.42 0.00	50.15 3.32 0.00	49.07 3.25 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	49.03 3.04 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.46 4.87 0.00	88.38 6.24 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.29 0.01	172.61 12.49 0.01	194.31 12.54 0.01	165.04 9.93 0.01	121.29 7.83 0.01	94.64 5.27 0.01	75.25 3.72 0.01	64.70 2.43 0.00
GOWANUS_GT4_6 24135	53.66 3.42 0.00	50.15 3.32 0.00	49.07 3.25 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	49.03 3.04 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.46 4.87 0.00	88.38 6.24 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.29 0.01	172.61 12.49 0.01	194.31 12.54 0.01	165.04 9.93 0.01	121.29 7.83 0.01	94.64 5.27 0.01	75.25 3.72 0.01	64.70 2.43 0.00
GOWANUS_GT4_7 24136	53.66 3.42 0.00	50.15 3.32 0.00	49.07 3.25 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	49.03 3.04 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.46 4.87 0.00	88.38 6.24 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.29 0.01	172.61 12.49 0.01	194.31 12.54 0.01	165.04 9.93 0.01	121.29 7.83 0.01	94.64 5.27 0.01	75.25 3.72 0.01	64.70 2.43 0.00
GOWANUS_GT4_8 24137	53.66 3.42 0.00	50.15 3.32 0.00	49.07 3.25 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	49.03 3.04 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.46 4.87 0.00	88.38 6.24 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.29 0.01	172.61 12.49 0.01	194.31 12.54 0.01	165.04 9.93 0.01	121.29 7.83 0.01	94.64 5.27 0.01	75.25 3.72 0.01	64.70 2.43 0.00
GREATVRV_69_KV_BK1 356245	54.86 4.62 0.00	51.70 4.87 0.00	50.26 4.44 0.00	46.26 3.97 0.00	46.49 3.72 0.00	49.72 3.73 0.00	52.81 3.82 0.00	54.94 3.21 0.00	57.03 2.89 0.37	58.10 3.04 2.25	62.20 4.02 0.00	71.26 5.04 0.12	77.26 5.73 0.06	88.60 6.82 0.36	99.95 8.79 0.38	112.05 11.65 0.00	143.07 14.41 -0.01	198.14 18.25 -19.77	204.14 18.00 -4.37	166.38 14.43 3.16	123.18 9.76 0.04	95.63 6.26 0.00	75.19 4.72 1.06	58.26 2.37 6.37
GREENBSH_115KV_TB3 55895	50.84 0.60 0.00	47.30 0.47 0.00	46.37 0.55 0.00	42.79 0.51 0.00	43.24 0.47 0.00	46.46 0.46 0.00	49.29 0.29 0.00	52.10 0.36 0.00	54.79 0.27 0.00	57.49 0.17 0.00	58.25 0.06 0.00	66.47 0.13 0.00	72.17 0.57 0.00	83.12 0.99 0.00	92.91 1.37 0.00	102.21 1.81 0.00	130.07 1.42 0.00	162.21 2.08 0.00	183.78 2.00 0.00	156.67 1.55 0.00	115.17 1.70 0.00	87.87 1.34 2.85	72.18 0.64 0.00	62.33 0.06 0.00
GREENDGE_115KV_TB5 80291	52.00 1.76 0.00	48.84 2.01 0.00	47.15 1.33 0.00	43.34 1.06 0.00	43.75 0.98 0.00	47.15 1.15 0.00	49.87 0.88 0.00	52.61 0.88 0.00	55.34 0.82 0.00	58.63 1.32 0.00	59.82 1.63 0.00	68.06 1.72 0.00	74.24 2.65 0.00	85.42 3.29 0.00	94.19 2.65 0.00	101.91 1.51 0.00	129.94 1.29 0.00	160.76 0.64 0.00	184.14 2.36 0.00	157.14 2.02 0.00	115.62 2.16 0.00	92.24 2.86 0.00	74.40 2.86 0.00	64.57 2.30 0.00
GREENIDGE___3 23582	52.00 1.76 0.00	48.84 2.01 0.00	47.15 1.33 0.00	43.34 1.06 0.00	43.75 0.98 0.00	47.15 1.15 0.00	49.87 0.88 0.00	52.61 0.88 0.00	55.34 0.82 0.00	58.63 1.32 0.00	59.82 1.63 0.00	68.06 1.72 0.00	74.24 2.65 0.00	85.42 3.29 0.00	94.19 2.65 0.00	101.91 1.51 0.00	129.94 1.29 0.00	160.76 0.64 0.00	184.14 2.36 0.00	157.14 2.02 0.00	115.62 2.16 0.00	92.24 2.86 0.00	74.40 2.86 0.00	64.57 2.30 0.00
GREENIDGE___4 23583	51.80 1.56 0.00	48.56 1.73 0.00	46.91 1.10 0.00	43.13 0.85 0.00	43.75 0.98 0.00	46.87 0.87 0.00	49.77 0.78 0.00	52.36 0.62 0.00	55.34 0.82 0.00	58.64 1.32 0.00	59.82 1.63 0.00	68.06 1.72 0.00	74.17 2.57 0.00	85.43 3.29 0.00	94.19 2.66 0.00	101.91 1.51 0.00	129.94 1.29 0.00	160.82 0.64 -0.05	184.35 2.36 -0.21	157.21 2.01 -0.08	115.61 2.15 0.00	92.24 2.86 0.00	74.54 3.00 0.00	64.57 2.31 0.00
GREENLWN_69_KV_BK 3 55738	53.21 2.96 0.00	50.30 3.47 0.00	48.93 3.12 0.00	45.07 2.79 0.00	45.34 2.57 0.00	48.57 2.58 0.00	51.49 2.50 0.00	53.34 1.60 0.00	55.45 1.31 0.38	56.36 1.32 2.27	60.11 1.92 0.00	68.38 2.59 0.54	74.67 3.22 0.14	85.34 4.11 0.90	96.17 5.58 0.95	108.33 7.93 0.00	138.26 9.39 -0.21	132.80 11.85 39.17	175.47 10.91 17.21	160.57 8.38 2.92	118.81 5.45 0.10	92.59 3.22 0.00	72.74 2.29 1.08	56.03 0.25 6.49
GREENWD_138_KV_38B11_REV_LBMP_J 345004	53.66 3.42 0.00	50.15 3.32 0.00	49.07 3.25 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	49.03 3.04 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.45 4.11 0.00	76.46 4.87 0.00	88.38 6.24 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.29 0.00	172.62 12.49 0.00	194.32 12.54 0.00	165.04 9.93 0.01	121.29 7.83 0.01	94.64 5.27 0.01	75.26 3.72 0.00	64.70 2.43 0.00
GRISSOM___SOLAR 323813	54.61 4.37 0.00	50.76 3.93 0.00	49.57 3.76 0.00	45.71 3.42 0.00	46.23 3.46 0.00	49.72 3.72 0.00	52.57 3.57 0.00	55.15 3.41 0.00	57.73 3.22 0.00	60.29 2.98 0.00	61.10 2.91 0.00	69.52 3.18 0.00	75.53 3.94 0.00	86.90 4.76 0.00	97.31 5.77 0.00	107.23 6.83 0.00	137.01 8.36 0.00	171.81 11.68 0.00	197.05 15.27 0.00	169.86 14.74 0.00	125.26 11.80 0.00	98.59 9.21 0.00	78.26 6.72 0.00	67.43 5.17 0.00
GROVEVILLE___HYD 323602	53.61 3.37 0.00	49.83 3.00 0.00	48.75 2.93 0.00	44.99 2.71 0.00	45.42 2.65 0.00	48.85 2.85 0.00	52.03 3.04 0.00	55.10 3.36 0.00	57.90 3.38 0.00	60.75 3.44 0.00	61.68 3.49 0.00	70.38 4.05 0.00	76.53 4.94 0.00	88.30 6.16 0.00	98.95 7.41 0.00	109.54 9.14 0.00	139.20 10.55 0.00	173.57 13.45 0.00	195.96 14.18 0.00	167.06 11.94 0.00	122.54 9.08 0.00	95.99 6.61 0.00	75.90 4.36 0.00	65.38 3.11 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	50.24 0.00 0.00	46.92 0.09 0.00	45.73 -0.09 0.00	42.11 -0.17 0.00	42.56 -0.21 0.00	45.81 -0.18 0.00	48.55 -0.44 0.00	51.37 -0.36 0.00	54.30 -0.22 0.00	57.26 -0.06 0.00	58.31 0.12 0.00	66.40 0.07 0.00	72.17 0.57 0.00	83.04 0.90 0.00	92.82 1.28 0.00	101.30 0.90 0.00	129.30 0.64 0.00	160.22 0.00 -0.10	182.90 0.73 -0.40	155.90 0.62 -0.16	114.26 0.79 0.00	90.27 0.89 0.00	72.04 0.50 0.00	62.45 0.19 0.00
HAMLTNNY_34_KV_TB 80303	50.84 0.60 0.00	47.53 0.70 0.00	46.23 0.41 0.00	42.54 0.25 0.00	42.94 0.17 0.00	46.23 0.23 0.00	48.99 0.00 0.00	51.84 0.10 0.00	54.74 0.22 0.00	57.83 0.52 0.00	58.95 0.76 0.00	67.20 0.86 0.00	73.10 1.50 0.00	84.03 1.89 0.00	93.92 2.38 0.00	102.31 1.91 0.00	130.46 1.80 0.00	161.82 1.60 -0.09	184.70 2.54 -0.38	157.44 2.17 -0.15	115.39 1.93 0.00	91.25 1.88 0.00	72.90 1.36 0.00	63.20 0.93 0.00

HAMPSHIRE___PAPER_HYD 323593	50.69 0.45 0.00	47.07 0.24 0.00	46.05 0.23 0.00	42.71 0.42 0.00	42.99 0.21 0.00	46.36 0.37 0.00	49.63 0.64 0.00	52.20 0.46 0.00	54.79 0.27 0.00	57.03 -0.29 0.00	57.55 -0.64 0.00	65.55 -0.79 0.00	70.44 -1.15 0.00	80.99 -1.15 0.00	89.98 -1.56 0.00	98.90 -1.50 0.00	127.76 -0.89 0.00	160.33 0.16 -0.05	183.42 1.45 -0.19	157.99 2.80 -0.08	114.48 1.02 0.00	90.36 0.98 0.00	71.97 0.43 0.00	62.95 0.69 0.00
HARDSCRABBLE_WT_PWR 323673	50.24 0.00 0.00	46.78 -0.05 0.00	45.77 -0.05 0.00	42.24 -0.04 0.00	42.69 -0.09 0.00	46.04 0.05 0.00	48.94 -0.05 0.00	51.68 -0.05 0.00	54.41 -0.11 0.00	57.14 -0.17 0.00	57.90 -0.29 0.00	66.01 -0.33 0.00	71.38 -0.21 0.00	82.14 0.00 0.00	91.72 0.18 0.00	100.70 0.30 0.00	128.53 -0.13 0.00	160.12 0.00 0.00	181.96 0.18 0.00	155.43 0.31 0.00	113.80 0.34 0.00	89.65 0.27 0.00	71.61 0.07 0.00	62.08 -0.19 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	53.06 2.81 0.00	49.36 2.53 0.00	48.20 2.38 0.00	44.52 2.24 0.00	44.99 2.22 0.00	48.34 2.35 0.00	51.49 2.50 0.00	54.53 2.79 0.00	57.35 2.83 0.00	60.24 2.92 0.00	61.16 2.97 0.00	69.85 3.52 0.00	75.82 4.22 0.00	87.48 5.34 0.00	98.04 6.50 0.00	108.33 7.93 0.00	137.66 9.01 0.00	171.33 11.21 0.00	193.41 11.63 0.00	164.74 9.62 0.00	120.95 7.49 0.00	94.83 5.45 0.00	75.04 3.51 0.00	64.63 2.37 0.00
HARSNRAD_115KV_TB1 81005	50.54 0.30 0.00	48.28 1.45 0.00	46.14 0.32 0.00	41.86 -0.42 0.00	42.04 -0.73 0.00	45.26 -0.74 0.00	47.47 -1.52 0.00	49.77 -1.97 0.00	53.05 -1.47 0.00	56.97 -0.34 0.00	58.60 0.41 0.00	66.27 -0.07 0.00	72.81 1.22 0.00	83.37 1.23 0.00	92.45 0.92 0.00	99.40 -1.00 0.00	125.57 -3.09 0.00	154.36 -5.76 0.00	176.51 -5.27 0.00	150.16 -4.96 0.00	110.85 -2.61 0.00	88.13 -1.25 0.00	71.68 0.14 0.00	63.39 1.12 0.00
HARZA MOOSE___RIVER 24016	51.75 1.51 0.00	48.14 1.31 0.00	47.05 1.24 0.00	43.68 1.40 0.00	44.10 1.33 0.00	47.79 1.79 0.00	50.80 1.81 0.00	53.60 1.86 0.00	56.21 1.69 0.00	58.86 1.55 0.00	59.47 1.28 0.00	67.80 1.46 0.00	73.31 1.72 0.00	84.69 2.55 0.00	94.47 2.93 0.00	103.61 3.21 0.00	132.64 3.99 0.00	165.91 5.76 -0.03	189.70 7.82 -0.10	163.07 7.91 -0.04	118.57 5.11 0.00	93.76 4.38 0.00	74.11 2.58 0.00	64.20 1.93 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	50.14 -0.10 0.00	46.83 0.00 0.00	45.63 -0.18 0.00	42.03 -0.25 0.00	42.47 -0.30 0.00	45.72 -0.28 0.00	48.45 -0.54 0.00	51.27 -0.47 0.00	54.19 -0.33 0.00	57.14 -0.17 0.00	58.19 0.00 0.00	66.34 0.00 0.00	72.02 0.43 0.00	82.88 0.74 0.00	92.64 1.10 0.00	101.10 0.70 0.00	128.91 0.26 0.00	159.80 -0.32 0.00	181.96 0.18 0.00	155.12 0.00 0.00	113.80 0.34 0.00	89.91 0.54 0.00	71.75 0.21 0.00	62.21 -0.06 0.00
HELLGATE_13_KV_LD 55870	53.91 3.67 0.00	50.30 3.47 0.00	49.12 3.30 0.00	45.37 3.09 0.00	45.81 3.04 0.00	49.13 3.13 0.00	52.27 3.28 0.00	55.41 3.67 0.00	58.23 3.71 0.00	61.10 3.78 0.00	62.03 3.84 0.00	70.92 4.58 0.00	76.96 5.37 0.00	88.96 6.82 0.00	99.78 8.24 0.00	110.64 10.24 0.00	139.98 11.32 0.00	173.74 13.61 0.00	195.78 14.00 0.00	166.29 11.17 0.00	122.20 8.74 0.00	95.45 6.08 0.00	75.62 4.08 0.00	65.01 2.74 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	53.91 3.67 0.00	50.30 3.47 0.00	49.12 3.30 0.00	45.37 3.09 0.00	45.81 3.04 0.00	49.13 3.13 0.00	52.27 3.28 0.00	55.41 3.67 0.00	58.23 3.71 0.00	61.10 3.78 0.00	62.03 3.84 0.00	70.92 4.58 0.00	76.96 5.37 0.00	88.96 6.82 0.00	99.78 8.24 0.00	110.64 10.24 0.00	139.98 11.32 0.00	173.74 13.61 0.00	195.78 14.00 0.00	166.29 11.17 0.00	122.20 8.74 0.00	95.45 6.08 0.00	75.62 4.08 0.00	65.01 2.74 0.00
HEMPSTEAD____ 23647	53.76 3.52 0.00	50.58 3.75 0.00	49.34 3.53 0.00	45.54 3.26 0.00	45.68 2.91 0.00	49.31 3.31 0.00	52.27 3.28 0.00	54.68 2.95 0.00	56.83 2.51 0.19	58.74 2.58 1.16	61.21 3.02 0.00	70.05 3.71 0.00	76.18 4.59 0.00	87.56 5.42 0.00	98.59 7.05 0.00	109.63 9.23 0.00	139.58 10.93 0.00	173.73 13.60 0.00	195.04 13.26 0.00	165.51 10.39 0.00	120.83 7.37 0.00	94.20 4.82 0.00	73.49 2.22 0.27	62.16 1.56 1.67
HICKLING___1 23621	52.15 1.91 0.00	49.08 2.25 0.00	47.28 1.47 0.00	43.51 1.23 0.00	43.97 1.20 0.00	47.24 1.24 0.00	49.97 0.98 0.00	52.87 1.14 0.00	55.83 1.31 0.00	59.32 2.01 0.00	60.58 2.39 0.00	68.86 2.52 0.00	75.17 3.58 0.00	86.57 4.44 0.00	96.48 4.94 0.00	104.01 3.61 0.00	132.26 3.60 0.00	163.33 3.20 0.00	186.69 4.91 0.00	159.31 4.19 0.00	117.43 3.97 0.00	93.22 3.84 0.00	74.97 3.43 0.00	65.19 2.93 0.00
HICKLING___2 23622	52.15 1.91 0.00	49.08 2.25 0.00	47.28 1.47 0.00	43.51 1.23 0.00	43.97 1.20 0.00	47.24 1.24 0.00	49.97 0.98 0.00	52.87 1.14 0.00	55.83 1.31 0.00	59.32 2.01 0.00	60.58 2.39 0.00	68.86 2.52 0.00	75.17 3.58 0.00	86.57 4.44 0.00	96.48 4.94 0.00	104.01 3.61 0.00	132.26 3.60 0.00	163.33 3.20 0.00	186.69 4.91 0.00	159.31 4.19 0.00	117.43 3.97 0.00	93.22 3.84 0.00	74.97 3.43 0.00	65.19 2.93 0.00
HIGH FALLS___HY 23754	53.46 3.22 0.00	49.73 2.90 0.00	48.61 2.79 0.00	44.90 2.62 0.00	45.34 2.57 0.00	48.76 2.76 0.00	51.98 2.99 0.00	54.99 3.26 0.00	56.81 3.22 0.92	59.54 3.32 1.10	60.62 3.26 0.83	68.76 3.78 1.36	74.38 4.51 1.73	85.30 5.59 2.42	95.24 6.77 3.07	108.27 8.33 0.46	136.17 9.78 2.26	168.28 12.49 4.34	189.50 13.45 5.73	162.62 11.48 3.98	120.91 8.74 1.29	95.81 6.44 0.00	75.83 4.29 0.00	65.32 3.05 0.00
HIGH_RIVER___SOLAR 323847	53.05 2.81 0.00	49.40 2.57 0.00	48.29 2.47 0.00	44.56 2.28 0.00	45.04 2.27 0.00	48.39 2.39 0.00	51.20 2.21 0.00	53.75 2.02 0.00	56.15 1.63 0.00	58.52 1.21 0.00	59.18 0.99 0.00	67.40 1.06 0.00	73.10 1.51 0.00	84.11 1.97 0.00	94.10 2.56 0.00	103.61 3.21 0.00	132.39 3.73 0.00	166.05 5.93 0.00	190.50 8.73 0.00	164.11 8.99 0.00	120.95 7.49 0.00	95.37 5.99 0.00	75.68 4.15 0.00	65.38 3.11 0.00
HILLBURN___GT 23639	53.00 2.76 0.00	49.50 2.67 0.00	48.24 2.43 0.00	44.61 2.32 0.00	44.99 2.22 0.00	48.43 2.44 0.00	51.49 2.50 0.00	54.58 2.84 0.00	57.35 2.83 0.00	60.24 2.92 0.00	61.16 2.97 0.00	69.85 3.51 0.00	75.89 4.30 0.00	87.47 5.34 0.00	98.13 6.59 0.00	108.24 7.84 0.00	137.41 8.75 0.00	170.85 10.73 0.00	192.50 10.72 0.00	163.96 8.84 0.00	120.50 7.04 0.00	94.47 5.09 0.00	74.76 3.22 0.00	64.39 2.12 0.00
HILLSIDE_115KV_TB1 80332	51.40 1.16 0.00	48.33 1.50 0.00	46.64 0.82 0.00	42.96 0.68 0.00	43.41 0.64 0.00	46.60 0.60 0.00	49.38 0.39 0.00	52.20 0.47 0.00	55.17 0.65 0.00	58.58 1.26 0.00	59.76 1.57 0.00	67.86 1.53 0.00	74.03 2.43 0.00	85.18 3.04 0.00	94.92 3.39 0.00	102.41 2.01 0.00	130.20 1.54 0.00	160.76 0.64 0.00	183.41 1.64 0.00	156.36 1.24 0.00	115.39 1.93 0.00	91.70 2.32 0.00	73.68 2.15 0.00	64.07 1.81 0.00

HISHELDN_WT_PWR 323625	51.30 1.06 0.00	48.19 1.36 0.00	46.23 0.41 0.00	42.28 0.00 0.00	42.99 0.21 0.00	45.77 -0.23 0.00	48.35 -0.64 0.00	50.90 -0.83 0.00	54.19 -0.33 0.00	58.06 0.74 0.00	59.58 1.39 0.00	67.53 1.20 0.00	73.95 2.36 0.00	85.01 2.87 0.00	94.55 3.02 0.00	101.61 1.21 0.00	128.78 0.13 0.00	158.52 -1.60 0.00	181.41 -0.36 0.00	154.66 -0.46 0.00	114.26 0.80 0.00	90.72 1.34 0.00	73.89 2.36 0.00	64.57 2.31 0.00
HOLTSVILLE_IC_1 23690	53.76 3.52 0.00	50.90 4.07 0.00	49.67 3.85 0.00	45.75 3.47 0.00	45.76 2.99 0.00	49.54 3.54 0.00	52.52 3.53 0.00	54.53 2.79 0.00	55.87 1.74 0.39	56.65 1.66 2.33	60.69 2.50 0.00	69.43 3.25 0.16	75.41 3.86 0.05	86.43 4.60 0.31	97.52 6.31 0.33	109.33 8.93 0.00	139.47 10.81 -0.01	198.39 13.92 -24.35	200.79 13.10 -5.91	162.18 10.39 3.33	120.35 6.92 0.04	93.40 4.03 0.00	71.49 1.07 1.13	56.40 0.87 6.74
HOLTSVILLE_IC_10 23699	54.11 3.87 0.00	51.19 4.36 0.00	49.94 4.13 0.00	46.00 3.72 0.00	45.98 3.21 0.00	49.77 3.77 0.00	52.81 3.82 0.00	54.84 3.10 0.00	56.20 2.07 0.38	57.13 2.12 2.31	61.21 3.02 0.00	70.05 3.91 0.20	76.04 4.51 0.06	87.16 5.42 0.40	98.44 7.33 0.42	110.34 9.94 0.00	141.02 12.35 -0.02	219.96 15.70 -44.14	210.18 15.08 -13.32	163.94 12.11 3.29	121.47 8.06 0.05	94.20 4.82 0.00	72.07 1.65 1.11	56.93 1.31 6.65
HOLTSVILLE_IC_2 23691	53.76 3.52 0.00	50.90 4.07 0.00	49.67 3.85 0.00	45.75 3.47 0.00	45.76 2.99 0.00	49.54 3.54 0.00	52.52 3.53 0.00	54.53 2.79 0.00	55.87 1.74 0.39	56.65 1.66 2.33	60.69 2.50 0.00	69.43 3.25 0.16	75.41 3.86 0.05	86.43 4.60 0.31	97.52 6.31 0.33	109.33 8.93 0.00	139.47 10.81 -0.01	198.39 13.92 -24.35	200.79 13.10 -5.91	162.18 10.39 3.33	120.35 6.92 0.04	93.40 4.03 0.00	71.49 1.07 1.13	56.40 0.87 6.74
HOLTSVILLE_IC_3 23692	53.76 3.52 0.00	50.90 4.07 0.00	49.67 3.85 0.00	45.75 3.47 0.00	45.76 2.99 0.00	49.54 3.54 0.00	52.52 3.53 0.00	54.53 2.79 0.00	55.87 1.74 0.39	56.65 1.66 2.33	60.69 2.50 0.00	69.43 3.25 0.16	75.41 3.86 0.05	86.43 4.60 0.31	97.52 6.31 0.33	109.33 8.93 0.00	139.47 10.81 -0.01	198.39 13.92 -24.35	200.79 13.10 -5.91	162.18 10.39 3.33	120.35 6.92 0.04	93.40 4.03 0.00	71.49 1.07 1.13	56.40 0.87 6.74
HOLTSVILLE_IC_4 23693	53.76 3.52 0.00	50.90 4.07 0.00	49.67 3.85 0.00	45.75 3.47 0.00	45.76 2.99 0.00	49.54 3.54 0.00	52.52 3.53 0.00	54.53 2.79 0.00	55.87 1.74 0.39	56.65 1.66 2.33	60.69 2.50 0.00	69.43 3.25 0.16	75.41 3.86 0.05	86.43 4.60 0.31	97.52 6.31 0.33	109.33 8.93 0.00	139.47 10.81 -0.01	198.39 13.92 -24.35	200.79 13.10 -5.91	162.18 10.39 3.33	120.35 6.92 0.04	93.40 4.03 0.00	71.49 1.07 1.13	56.40 0.87 6.74
HOLTSVILLE_IC_5 23694	53.76 3.52 0.00	50.90 4.07 0.00	49.67 3.85 0.00	45.75 3.47 0.00	45.76 2.99 0.00	49.54 3.54 0.00	52.52 3.53 0.00	54.53 2.79 0.00	55.87 1.74 0.39	56.65 1.66 2.33	60.69 2.50 0.00	69.43 3.25 0.16	75.41 3.86 0.05	86.43 4.60 0.31	97.52 6.31 0.33	109.33 8.93 0.00	139.47 10.81 -0.01	198.39 13.92 -24.35	200.79 13.10 -5.91	162.18 10.39 3.33	120.35 6.92 0.04	93.40 4.03 0.00	71.49 1.07 1.13	56.40 0.87 6.74
HOLTSVILLE_IC_6 23695	54.11 3.87 0.00	51.19 4.36 0.00	49.94 4.13 0.00	46.00 3.72 0.00	45.98 3.21 0.00	49.77 3.77 0.00	52.81 3.82 0.00	54.84 3.10 0.00	56.20 2.07 0.38	57.13 2.12 2.31	61.21 3.02 0.00	70.05 3.91 0.20	76.04 4.51 0.06	87.16 5.42 0.40	98.44 7.33 0.42	110.34 9.94 0.00	141.02 12.35 -0.02	219.96 15.70 -44.14	210.18 15.08 -13.32	163.94 12.11 3.29	121.47 8.06 0.05	94.20 4.82 0.00	72.07 1.65 1.11	56.93 1.31 6.65
HOLTSVILLE_IC_7 23696	54.11 3.87 0.00	51.19 4.36 0.00	49.94 4.13 0.00	46.00 3.72 0.00	45.98 3.21 0.00	49.77 3.77 0.00	52.81 3.82 0.00	54.84 3.10 0.00	56.20 2.07 0.38	57.13 2.12 2.31	61.21 3.02 0.00	70.05 3.91 0.20	76.04 4.51 0.06	87.16 5.42 0.40	98.44 7.33 0.42	110.34 9.94 0.00	141.02 12.35 -0.02	219.96 15.70 -44.14	210.18 15.08 -13.32	163.94 12.11 3.29	121.47 8.06 0.05	94.20 4.82 0.00	72.07 1.65 1.11	56.93 1.31 6.65
HOLTSVILLE_IC_8 23697	54.11 3.87 0.00	51.19 4.36 0.00	49.94 4.13 0.00	46.00 3.72 0.00	45.98 3.21 0.00	49.77 3.77 0.00	52.81 3.82 0.00	54.84 3.10 0.00	56.20 2.07 0.38	57.13 2.12 2.31	61.21 3.02 0.00	70.05 3.91 0.20	76.04 4.51 0.06	87.16 5.42 0.40	98.44 7.33 0.42	110.34 9.94 0.00	141.02 12.35 -0.02	219.96 15.70 -44.14	210.18 15.08 -13.32	163.94 12.11 3.29	121.47 8.06 0.05	94.20 4.82 0.00	72.07 1.65 1.11	56.93 1.31 6.65
HOLTSVILLE_IC_9 23698	54.11 3.87 0.00	51.19 4.36 0.00	49.94 4.13 0.00	46.00 3.72 0.00	45.98 3.21 0.00	49.77 3.77 0.00	52.81 3.82 0.00	54.84 3.10 0.00	56.20 2.07 0.38	57.13 2.12 2.31	61.21 3.02 0.00	70.05 3.91 0.20	76.04 4.51 0.06	87.16 5.42 0.40	98.44 7.33 0.42	110.34 9.94 0.00	141.02 12.35 -0.02	219.96 15.70 -44.14	210.18 15.08 -13.32	163.94 12.11 3.29	121.47 8.06 0.05	94.20 4.82 0.00	72.07 1.65 1.11	56.93 1.31 6.65
HOMER_HL_115KV_TB2 355744	50.64 0.40 0.00	48.09 1.26 0.00	45.82 0.00 0.00	42.07 -0.21 0.00	42.56 -0.21 0.00	45.58 -0.41 0.00	48.35 -0.64 0.00	51.27 -0.47 0.00	54.52 0.00 0.00	58.46 1.15 0.00	60.11 1.92 0.00	68.06 1.72 0.00	74.60 3.01 0.00	85.84 3.70 0.00	95.38 3.84 0.00	102.01 1.61 0.00	129.17 0.51 0.00	158.52 -1.60 0.00	181.05 -0.73 0.00	154.19 -0.93 0.00	114.14 0.68 0.00	90.81 1.43 0.00	73.54 2.00 0.00	64.07 1.81 0.00
HOWARD_WT_PWR 323690	52.80 2.56 0.00	49.45 2.62 0.00	47.65 1.83 0.00	43.72 1.44 0.00	44.44 1.67 0.00	47.47 1.47 0.00	50.26 1.27 0.00	52.97 1.24 0.00	55.82 1.31 0.00	59.38 2.06 0.00	60.63 2.44 0.00	68.92 2.58 0.00	75.38 3.79 0.00	86.65 4.51 0.00	96.66 5.12 0.00	104.12 3.72 0.00	132.39 3.73 0.00	163.67 3.52 -0.03	188.24 6.36 -0.11	161.05 5.89 -0.04	119.02 5.56 0.00	94.38 5.00 0.00	76.33 4.79 0.00	66.13 3.86 0.00
HQ_GEN_CEDARS 23644	49.69 -0.55 0.00	46.13 -0.70 0.00	45.22 -0.60 0.00	41.78 -0.51 0.00	42.17 -0.60 0.00	45.31 -0.69 0.00	48.89 -0.10 0.00	51.37 -0.36 0.00	54.14 -0.38 0.00	56.51 -0.80 0.00	57.26 -0.93 0.00	65.28 -1.06 0.00	69.73 -1.86 0.00	79.59 -2.55 0.00	88.15 -3.39 0.00	96.99 -3.41 0.00	125.82 -2.83 0.00	157.56 -2.56 0.00	178.87 -2.91 0.00	153.26 -1.86 0.00	111.08 -2.38 0.00	87.32 -2.06 0.00	70.39 -1.14 0.00	62.02 -0.25 0.00
HQ_GEN_CEDARS_PROXY 323590	49.69 -0.55 0.00	46.72 -0.70 -0.59	44.63 -0.60 0.59	41.78 -0.51 0.00	42.17 -0.60 0.00	44.49 -0.69 0.82	49.71 -0.10 -0.82	51.37 -0.36 0.00	54.14 -0.38 0.00	56.51 -0.80 0.00	57.26 -0.93 0.00	65.27 -1.06 0.00	69.73 -1.86 0.00	79.59 -2.55 0.00	88.15 -3.39 0.00	96.99 -3.41 0.00	125.95 -2.71 0.00	157.56 -2.57 0.00	178.86 -2.92 0.00	153.26 -1.85 0.00	111.08 -2.39 0.00	87.33 -2.05 0.00	70.39 -1.15 0.00	62.02 -0.25 0.00

HQ_GEN_IMPORT 323601	49.49 -0.75 0.00	46.67 -0.75 -0.59	44.54 -0.69 0.59	41.65 -0.63 0.00	42.21 -0.56 0.00	44.58 -0.60 0.82	49.52 -0.29 -0.82	51.32 -0.42 0.00	54.08 -0.44 0.00	56.80 -0.52 0.00	57.67 -0.52 0.00	65.74 -0.60 0.00	70.38 -1.22 0.00	80.41 -1.73 0.00	89.16 -2.38 0.00	97.99 -2.41 0.00	126.59 -2.06 0.00	157.88 -2.24 0.00	179.23 -2.55 0.00	153.10 -2.02 0.00	111.30 -2.16 0.00	87.50 -1.88 0.00	70.46 -1.07 0.00	61.90 -0.37 0.00
HQ_GEN_WHEEL 23651	49.49 -0.75 0.00	46.67 -0.75 -0.59	44.54 -0.69 0.59	41.65 -0.63 0.00	42.21 -0.56 0.00	44.58 -0.60 0.82	49.52 -0.29 -0.82	51.32 -0.42 0.00	54.08 -0.44 0.00	56.80 -0.52 0.00	57.67 -0.52 0.00	65.74 -0.60 0.00	70.38 -1.22 0.00	80.41 -1.73 0.00	89.16 -2.38 0.00	97.99 -2.41 0.00	126.59 -2.06 0.00	157.88 -2.24 0.00	179.23 -2.55 0.00	153.10 -2.02 0.00	111.30 -2.16 0.00	87.50 -1.88 0.00	70.46 -1.07 0.00	61.90 -0.37 0.00
HUDSON AVE_GT_3 23810	53.66 3.42 0.00	49.97 3.14 0.00	48.75 2.93 0.00	45.03 2.75 0.00	45.46 2.69 0.00	48.85 2.85 0.00	52.03 3.04 0.00	55.25 3.52 0.00	58.17 3.65 0.00	61.04 3.73 0.00	61.86 3.67 0.00	70.72 4.38 0.00	76.89 5.30 0.00	88.79 6.65 0.00	99.50 7.96 0.00	110.14 9.74 0.00	139.72 11.06 0.00	173.57 13.45 0.00	195.41 13.63 0.00	166.13 11.01 0.00	122.09 8.62 0.00	95.37 5.99 0.00	75.54 4.01 0.00	64.82 2.55 0.00
HUDSON AVE_GT_4 23540	53.66 3.42 0.00	49.97 3.14 0.00	48.75 2.93 0.00	45.03 2.75 0.00	45.46 2.69 0.00	48.85 2.85 0.00	52.03 3.04 0.00	55.25 3.52 0.00	58.17 3.65 0.00	61.04 3.73 0.00	61.86 3.67 0.00	70.72 4.38 0.00	76.89 5.30 0.00	88.79 6.65 0.00	99.50 7.96 0.00	110.14 9.74 0.00	139.72 11.06 0.00	173.57 13.45 0.00	195.41 13.63 0.00	166.13 11.01 0.00	122.09 8.62 0.00	95.37 5.99 0.00	75.54 4.01 0.00	64.82 2.55 0.00
HUDSON AVE_GT_5 23657	53.66 3.42 0.00	49.97 3.14 0.00	48.75 2.93 0.00	45.03 2.75 0.00	45.46 2.69 0.00	48.85 2.85 0.00	52.03 3.04 0.00	55.25 3.52 0.00	58.17 3.65 0.00	61.04 3.73 0.00	61.86 3.67 0.00	70.72 4.38 0.00	76.89 5.30 0.00	88.79 6.65 0.00	99.50 7.96 0.00	110.14 9.74 0.00	139.72 11.06 0.00	173.57 13.45 0.00	195.41 13.63 0.00	166.13 11.01 0.00	122.09 8.62 0.00	95.37 5.99 0.00	75.54 4.01 0.00	64.82 2.55 0.00
HUDSON_AVE_10 24168	53.51 3.27 0.00	49.78 2.95 0.00	48.61 2.79 0.00	44.90 2.62 0.00	45.29 2.52 0.00	48.71 2.71 0.00	51.93 2.94 0.00	55.10 3.36 0.00	58.06 3.54 0.00	60.93 3.61 0.00	61.62 3.43 0.00	70.52 4.18 0.00	76.60 5.01 0.00	88.46 6.32 0.00	99.23 7.69 0.00	109.94 9.54 0.00	139.33 10.68 0.00	175.15 12.97 -2.06	197.39 13.09 -2.53	167.54 10.55 -1.87	121.86 8.40 0.00	95.10 5.72 0.00	75.40 3.86 0.00	64.70 2.43 0.00
HUDSON___115KV_TB 4 355613	51.65 1.41 0.00	47.95 1.12 0.00	47.01 1.19 0.00	43.34 1.06 0.00	43.80 1.03 0.00	47.06 1.06 0.00	49.92 0.93 0.00	52.75 1.03 0.02	52.12 1.04 3.43	54.09 0.86 4.08	55.74 0.64 3.09	61.99 0.73 5.07	66.38 1.22 6.43	74.92 1.81 9.03	82.31 2.20 11.43	101.69 3.01 1.72	123.45 3.22 8.42	149.26 5.28 16.15	166.80 6.36 21.34	146.04 5.74 14.82	113.30 4.65 4.81	90.93 3.66 2.11	73.61 2.07 0.00	63.58 1.31 0.00
HUNTER MOUNT___DRP 323613	51.70 1.46 0.00	48.00 1.17 0.00	47.10 1.28 0.00	43.42 1.14 0.00	43.84 1.07 0.00	47.15 1.15 0.00	50.07 1.08 0.00	52.80 1.09 0.02	50.83 1.31 4.99	52.41 1.03 5.94	54.56 0.87 4.50	59.88 0.93 7.39	63.59 1.36 9.36	70.97 1.97 13.14	77.38 2.47 16.63	101.21 3.31 2.51	120.12 3.73 12.26	142.70 6.08 23.51	158.35 7.63 31.06	140.53 6.98 21.57	112.02 5.56 7.00	91.99 4.29 1.68	73.75 2.22 0.00	63.82 1.56 0.00
HUNTINGTON_RES_REC 323705	53.71 3.46 0.00	50.86 4.03 0.00	49.62 3.80 0.00	45.67 3.38 0.00	45.72 2.95 0.00	49.45 3.45 0.00	52.47 3.48 0.00	54.42 2.69 0.00	55.82 1.69 0.38	56.68 1.66 2.30	60.63 2.44 0.00	68.89 3.25 0.70	75.34 3.94 0.19	85.73 4.76 1.17	96.81 6.50 1.23	109.44 9.04 0.00	139.35 11.07 0.37	412.45 14.09 -238.23	279.71 13.26 -84.67	161.56 10.39 3.95	120.14 6.81 0.13	93.40 4.03 0.00	71.50 1.07 1.11	56.44 0.81 6.63
HUNTLEY___63 23557	51.10 0.85 0.00	48.80 1.97 0.00	46.64 0.82 0.00	42.75 0.47 0.00	42.94 0.17 0.00	46.18 0.18 0.00	48.16 -0.83 0.00	50.54 -1.19 0.00	53.97 -0.55 0.00	58.00 0.69 0.00	59.64 1.45 0.00	67.33 1.00 0.00	73.88 2.29 0.00	84.77 2.63 0.00	94.10 2.56 0.00	101.10 0.70 0.00	127.75 -0.90 0.00	156.92 -3.20 0.00	179.41 -2.36 0.00	152.48 -2.64 0.00	112.44 -1.02 0.00	89.29 -0.09 0.00	72.61 1.07 0.00	64.14 1.87 0.00
HUNTLEY___64 23558	51.10 0.85 0.00	48.80 1.97 0.00	46.64 0.82 0.00	42.75 0.47 0.00	42.94 0.17 0.00	46.18 0.18 0.00	48.16 -0.83 0.00	50.54 -1.19 0.00	53.97 -0.55 0.00	58.00 0.69 0.00	59.64 1.45 0.00	67.33 1.00 0.00	73.88 2.29 0.00	84.77 2.63 0.00	94.10 2.56 0.00	101.10 0.70 0.00	127.75 -0.90 0.00	156.92 -3.20 0.00	179.41 -2.36 0.00	152.48 -2.64 0.00	112.44 -1.02 0.00	89.29 -0.09 0.00	72.61 1.07 0.00	64.14 1.87 0.00
HUNTLEY___65 23559	51.10 0.85 0.00	48.80 1.97 0.00	46.64 0.82 0.00	42.75 0.47 0.00	42.94 0.17 0.00	46.18 0.18 0.00	48.16 -0.83 0.00	50.54 -1.19 0.00	53.97 -0.55 0.00	58.00 0.69 0.00	59.64 1.45 0.00	67.33 1.00 0.00	73.88 2.29 0.00	84.77 2.63 0.00	94.10 2.56 0.00	101.10 0.70 0.00	127.75 -0.90 0.00	156.92 -3.20 0.00	179.41 -2.36 0.00	152.48 -2.64 0.00	112.44 -1.02 0.00	89.29 -0.09 0.00	72.61 1.07 0.00	64.14 1.87 0.00
HUNTLEY___66 23560	51.10 0.85 0.00	48.80 1.97 0.00	46.64 0.82 0.00	42.75 0.47 0.00	42.94 0.17 0.00	46.18 0.18 0.00	48.16 -0.83 0.00	50.54 -1.19 0.00	53.97 -0.55 0.00	58.00 0.69 0.00	59.64 1.45 0.00	67.33 1.00 0.00	73.88 2.29 0.00	84.77 2.63 0.00	94.10 2.56 0.00	101.10 0.70 0.00	127.75 -0.90 0.00	156.92 -3.20 0.00	179.41 -2.36 0.00	152.48 -2.64 0.00	112.44 -1.02 0.00	89.29 -0.09 0.00	72.61 1.07 0.00	64.14 1.87 0.00
HUNTLEY___67 23561	50.79 0.55 0.00	48.47 1.64 0.00	46.37 0.55 0.00	42.37 0.08 0.00	42.60 -0.17 0.00	45.77 -0.23 0.00	48.01 -0.98 0.00	50.44 -1.29 0.00	53.75 -0.76 0.00	57.77 0.46 0.00	59.35 1.16 0.00	67.27 0.93 0.00	73.88 2.29 0.00	84.69 2.55 0.00	94.10 2.56 0.00	101.00 0.60 0.00	127.75 -0.90 0.00	156.92 -3.20 0.00	179.23 -2.54 0.00	152.48 -2.64 0.00	112.56 -0.91 0.00	89.47 0.09 0.00	72.68 1.14 0.00	64.01 1.74 0.00
HUNTLEY___68 23562	50.79 0.55 0.00	48.47 1.64 0.00	46.37 0.55 0.00	42.37 0.08 0.00	42.60 -0.17 0.00	45.77 -0.23 0.00	48.01 -0.98 0.00	50.44 -1.29 0.00	53.75 -0.76 0.00	57.77 0.46 0.00	59.35 1.16 0.00	67.27 0.93 0.00	73.88 2.29 0.00	84.69 2.55 0.00	94.10 2.56 0.00	101.00 0.60 0.00	127.75 -0.90 0.00	156.92 -3.20 0.00	179.23 -2.54 0.00	152.48 -2.64 0.00	112.56 -0.91 0.00	89.47 0.09 0.00	72.68 1.14 0.00	64.01 1.74 0.00

HYLAND___LFGE 323620	52.90 2.66 0.00	49.40 2.57 0.00	47.51 1.70 0.00	43.43 1.14 0.00	44.05 1.28 0.00	47.33 1.33 0.00	50.02 1.03 0.00	52.51 0.78 0.00	54.74 0.22 0.00	57.43 0.11 0.00	58.31 0.12 0.00	66.21 -0.13 0.00	72.10 0.50 0.00	78.12 -4.02 0.00	87.33 -4.21 0.00	94.98 -5.42 0.00	121.45 -7.20 0.00	150.20 -9.93 0.00	175.95 -5.82 0.00	152.95 -2.17 0.00	114.15 0.68 0.00	91.07 1.69 0.00	77.04 5.51 0.00	66.50 4.24 0.00
INDECK___CORINTH 23802	52.70 2.46 0.00	48.94 2.11 0.00	47.83 2.01 0.00	44.10 1.82 0.00	44.48 1.71 0.00	47.79 1.79 0.00	50.66 1.67 0.00	53.59 1.86 0.00	56.31 1.80 0.00	58.98 1.66 0.00	59.29 1.10 0.00	67.53 1.20 0.00	73.53 1.93 0.00	84.44 2.30 0.00	94.65 3.11 0.00	104.52 4.12 0.00	133.81 5.15 0.00	167.97 7.84 0.00	193.05 11.27 0.00	164.74 9.62 0.00	121.29 7.82 0.00	97.35 6.08 -1.89	75.47 3.93 0.00	65.07 2.80 0.00
INDECK___ILION 23567	50.49 0.25 0.00	47.02 0.19 0.00	46.00 0.18 0.00	42.45 0.17 0.00	42.94 0.17 0.00	46.23 0.23 0.00	49.19 0.20 0.00	51.94 0.21 0.00	54.63 0.11 0.00	57.43 0.11 0.00	58.25 0.06 0.00	66.40 0.07 0.00	71.81 0.21 0.00	82.63 0.49 0.00	92.18 0.64 0.00	101.20 0.80 0.00	129.30 0.64 0.00	160.92 0.80 0.00	182.87 1.09 0.00	156.21 1.09 0.00	114.37 0.91 0.00	90.09 0.72 0.00	71.89 0.36 0.00	62.39 0.12 0.00
INDECK___OLEAN 23982	50.64 0.40 0.00	47.58 0.75 0.00	45.36 -0.46 0.00	41.73 -0.55 0.00	42.56 -0.21 0.00	45.17 -0.83 0.00	48.06 -0.93 0.00	51.12 -0.62 0.00	54.57 0.05 0.00	58.46 1.15 0.00	60.11 1.92 0.00	68.06 1.72 0.00	74.46 2.87 0.00	85.75 3.61 0.00	95.38 3.84 0.00	101.91 1.51 0.00	129.17 0.52 0.00	158.52 -1.60 0.00	181.05 -0.72 0.00	154.19 -0.93 0.00	114.15 0.68 0.00	90.80 1.43 0.00	73.82 2.29 0.00	64.01 1.74 0.00
INDECK___OSWEGO 23783	49.24 -1.00 0.00	45.89 -0.94 0.00	44.76 -1.05 0.00	41.27 -1.02 0.00	41.74 -1.03 0.00	44.89 -1.10 0.00	47.67 -1.32 0.00	50.34 -1.39 0.00	53.10 -1.42 0.00	56.00 -1.32 0.00	56.91 -1.28 0.00	64.82 -1.52 0.00	70.31 -1.29 0.00	80.82 -1.32 0.00	90.26 -1.28 0.00	98.69 -1.71 0.00	125.95 -2.71 0.00	156.65 -3.84 0.00	179.63 -3.63 0.00	152.75 -2.95 0.00	111.64 -1.82 0.00	88.13 -1.25 0.00	70.39 -1.15 0.00	61.02 -1.24 0.00
INDECK___YERKES 23781	51.15 0.91 0.00	48.14 1.31 0.00	46.27 0.46 0.00	42.28 0.00 0.00	42.99 0.21 0.00	45.49 -0.50 0.00	47.91 -1.08 0.00	50.44 -1.29 0.00	54.03 -0.49 0.00	58.06 0.74 0.00	59.70 1.51 0.00	67.33 1.00 0.00	73.67 2.08 0.00	84.69 2.55 0.00	94.10 2.56 0.00	101.01 0.61 0.00	127.76 -0.89 0.00	156.92 -3.20 0.00	179.41 -2.37 0.00	152.48 -2.64 0.00	112.44 -1.02 0.00	89.20 -0.18 0.00	72.97 1.43 0.00	64.13 1.87 0.00
INDIAN POINT_GT_1 24139	53.06 2.81 0.00	49.41 2.58 0.00	48.24 2.43 0.00	44.57 2.28 0.00	45.04 2.27 0.00	48.34 2.35 0.00	51.49 2.50 0.00	54.53 2.79 0.00	57.35 2.83 0.00	60.18 2.87 0.00	61.10 2.91 0.00	69.85 3.52 0.00	75.89 4.30 0.00	87.56 5.42 0.00	98.13 6.59 0.00	108.43 8.03 0.00	137.66 9.01 0.00	171.17 11.05 0.00	192.87 11.09 0.00	164.27 9.15 0.00	120.73 7.26 0.00	94.56 5.18 0.00	74.83 3.29 0.00	64.32 2.05 0.00
INDIAN POINT_GT_2 23659	53.06 2.81 0.00	49.41 2.58 0.00	48.24 2.43 0.00	44.57 2.28 0.00	45.04 2.27 0.00	48.34 2.35 0.00	51.49 2.50 0.00	54.53 2.79 0.00	57.35 2.83 0.00	60.18 2.87 0.00	61.10 2.91 0.00	69.85 3.52 0.00	75.89 4.30 0.00	87.56 5.42 0.00	98.13 6.59 0.00	108.43 8.03 0.00	137.66 9.01 0.00	171.17 11.05 0.00	192.87 11.09 0.00	164.27 9.15 0.00	120.73 7.26 0.00	94.56 5.18 0.00	74.83 3.29 0.00	64.32 2.05 0.00
INDIAN POINT_GT_3 24019	53.06 2.81 0.00	49.41 2.58 0.00	48.24 2.43 0.00	44.57 2.28 0.00	45.04 2.27 0.00	48.34 2.35 0.00	51.49 2.50 0.00	54.53 2.79 0.00	57.35 2.83 0.00	60.18 2.87 0.00	61.10 2.91 0.00	69.85 3.52 0.00	75.89 4.30 0.00	87.56 5.42 0.00	98.13 6.59 0.00	108.43 8.03 0.00	137.66 9.01 0.00	171.17 11.05 0.00	192.87 11.09 0.00	164.27 9.15 0.00	120.73 7.26 0.00	94.56 5.18 0.00	74.83 3.29 0.00	64.32 2.05 0.00
INDIAN POINT___2 23530	52.95 2.71 0.00	49.50 2.67 0.00	48.29 2.47 0.00	44.61 2.32 0.00	44.99 2.22 0.00	48.43 2.44 0.00	51.49 2.50 0.00	54.53 2.79 0.00	57.30 2.78 0.00	60.12 2.81 0.00	61.04 2.85 0.00	69.72 3.38 0.00	75.82 4.22 0.00	87.40 5.26 0.00	98.04 6.50 0.00	108.13 7.73 0.00	137.41 8.75 0.00	170.69 10.57 0.00	192.50 10.72 0.00	163.80 8.68 0.00	120.39 6.92 0.00	94.29 4.91 0.00	74.68 3.14 0.00	64.26 1.99 0.00
INDIAN POINT___3 23531	52.95 2.71 0.00	49.31 2.48 0.00	48.15 2.34 0.00	44.52 2.24 0.00	44.95 2.18 0.00	48.30 2.30 0.00	51.39 2.40 0.00	54.42 2.69 0.00	57.24 2.73 0.00	60.12 2.81 0.00	60.98 2.79 0.00	69.72 3.38 0.00	75.75 4.15 0.00	87.40 5.26 0.00	97.95 6.41 0.00	108.13 7.73 0.00	137.27 8.62 0.00	170.69 10.57 0.00	192.32 10.54 0.00	163.81 8.69 0.00	120.38 6.92 0.00	94.29 4.92 0.00	74.68 3.15 0.00	64.20 1.93 0.00
INGHAM_C_115KV_TB7 356103	50.04 -0.20 0.00	46.55 -0.28 0.00	45.54 -0.27 0.00	42.03 -0.25 0.00	42.47 -0.30 0.00	45.81 -0.18 0.00	48.75 -0.24 0.00	51.42 -0.31 0.00	54.14 -0.38 0.00	56.86 -0.46 0.00	57.61 -0.58 0.00	65.67 -0.66 0.00	71.02 -0.57 0.00	81.73 -0.41 0.00	91.26 -0.27 0.00	100.10 -0.30 0.00	127.75 -0.90 0.00	159.32 -0.80 0.00	181.05 -0.73 0.00	154.65 -0.47 0.00	113.24 -0.23 0.00	89.20 -0.18 0.00	71.25 -0.29 0.00	61.77 -0.50 0.00
IP CORINTH___1 23988	53.00 2.76 0.00	49.17 2.34 0.00	48.06 2.25 0.00	44.27 1.99 0.00	44.74 1.97 0.00	48.02 2.02 0.00	50.95 1.96 0.00	53.91 2.17 0.00	56.64 2.13 0.00	59.32 2.01 0.00	59.64 1.45 0.00	67.93 1.59 0.00	73.88 2.29 0.00	85.01 2.87 0.00	95.20 3.66 0.00	105.12 4.72 0.00	134.44 5.79 0.00	168.77 8.65 0.00	193.96 12.18 0.00	165.67 10.55 0.00	121.97 8.51 0.00	97.79 6.52 -1.89	75.90 4.36 0.00	65.44 3.18 0.00
IP___TICONDEROGA 23804	55.17 4.92 0.00	51.09 4.26 0.00	49.80 3.99 0.00	45.79 3.51 0.00	46.28 3.51 0.00	49.63 3.63 0.00	52.57 3.58 0.00	55.61 3.88 0.00	58.39 3.87 0.00	61.10 3.78 0.00	61.51 3.32 0.00	70.12 3.78 0.00	76.53 4.94 0.00	88.05 5.91 0.00	98.68 7.14 0.00	109.03 8.63 0.00	139.72 11.06 0.00	176.46 16.33 0.00	203.59 21.81 0.00	174.20 19.08 0.00	128.10 14.64 0.00	102.90 11.44 -2.09	79.55 8.01 0.00	68.43 6.16 0.00
ISLIP_RES_REC 323679	54.46 4.22 0.00	51.51 4.68 0.00	50.22 4.40 0.00	46.22 3.93 0.00	46.23 3.46 0.00	50.05 4.05 0.00	53.11 4.12 0.00	55.20 3.47 0.00	56.64 2.51 0.38	57.60 2.58 2.30	61.80 3.61 0.00	70.72 4.57 0.19	76.83 5.30 0.06	88.07 6.33 0.39	99.45 8.33 0.41	111.54 11.14 0.00	142.44 13.77 -0.02	216.78 17.46 -39.20	210.37 17.08 -11.51	165.51 13.65 3.26	122.61 9.19 0.04	95.01 5.63 0.00	72.65 2.22 1.10	57.48 1.81 6.59

JAMAICA__27_KV_LOAD 355505	53.86 3.62 0.00	50.11 3.28 0.00	48.89 3.07 0.00	45.12 2.83 0.00	45.55 2.78 0.00	48.99 2.99 0.00	52.32 3.33 0.00	55.61 3.88 0.00	58.66 4.14 0.00	61.56 4.24 0.00	62.03 3.84 0.00	71.05 4.71 0.00	77.25 5.66 0.00	89.20 7.06 0.00	100.05 8.51 0.00	110.94 10.54 0.00	140.75 12.09 0.00	177.45 14.73 -2.60	200.24 15.27 -3.20	169.89 12.41 -2.36	123.22 9.76 0.00	96.08 6.70 0.00	76.33 4.79 0.00	65.32 3.05 0.00
JANIS__SOLAR 323808	53.51 3.26 0.00	49.78 2.95 0.00	48.38 2.56 0.00	44.56 2.28 0.00	45.12 2.35 0.00	48.71 2.71 0.00	51.63 2.64 0.00	54.53 2.79 0.00	57.13 2.62 0.00	59.90 2.58 0.00	60.58 2.39 0.00	68.92 2.58 0.00	74.82 3.22 0.00	86.57 4.43 0.00	96.84 5.31 0.00	105.82 5.42 0.00	135.73 7.07 0.00	169.64 9.44 -0.08	195.53 13.45 -0.30	167.80 12.56 -0.12	123.10 9.64 0.00	97.15 7.77 0.00	77.26 5.73 0.00	66.63 4.36 0.00
JARVIS____ 23743	50.60 0.35 0.00	47.16 0.33 0.00	46.18 0.36 0.00	42.62 0.34 0.00	43.07 0.30 0.00	46.36 0.37 0.00	49.29 0.30 0.00	52.05 0.31 0.00	54.79 0.27 0.00	57.60 0.29 0.00	58.42 0.23 0.00	66.60 0.27 0.00	72.03 0.43 0.00	82.79 0.65 0.00	92.45 0.92 0.00	101.40 1.00 0.00	129.56 0.91 0.00	161.25 1.13 0.00	183.06 1.28 0.00	156.21 1.09 0.00	114.48 1.02 0.00	90.18 0.80 0.00	72.04 0.50 0.00	62.52 0.25 0.00
JENNISON____1 23625	53.81 3.57 0.00	50.20 3.37 0.00	48.84 3.02 0.00	45.03 2.75 0.00	45.46 2.69 0.00	49.26 3.27 0.00	52.18 3.18 0.00	55.10 3.36 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.56 3.38 0.00	70.19 3.85 0.00	76.25 4.65 0.00	88.38 6.24 0.00	98.86 7.32 0.00	107.93 7.53 0.00	138.05 9.39 0.00	171.97 11.85 0.00	196.68 14.91 0.00	168.61 13.50 0.00	123.68 10.21 0.00	97.51 8.13 0.00	77.47 5.94 0.00	66.88 4.61 0.00
JENNISON____2 23626	53.81 3.57 0.00	50.20 3.37 0.00	48.84 3.02 0.00	45.03 2.75 0.00	45.46 2.69 0.00	49.26 3.27 0.00	52.18 3.18 0.00	55.10 3.36 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.56 3.38 0.00	70.19 3.85 0.00	76.25 4.65 0.00	88.38 6.24 0.00	98.86 7.32 0.00	107.93 7.53 0.00	138.05 9.39 0.00	171.97 11.85 0.00	196.68 14.91 0.00	168.61 13.50 0.00	123.68 10.21 0.00	97.51 8.13 0.00	77.47 5.94 0.00	66.88 4.61 0.00
JERICOHO_RISE_WT_PWR 323719	48.63 -1.61 0.00	45.24 -1.59 0.00	44.31 -1.51 0.00	40.89 -1.39 0.00	41.40 -1.37 0.00	44.62 -1.38 0.00	47.96 -1.03 0.00	50.60 -1.14 0.00	53.48 -1.04 0.00	56.11 -1.21 0.00	57.03 -1.16 0.00	65.01 -1.33 0.00	69.37 -2.22 0.00	79.10 -3.04 0.00	87.51 -4.03 0.00	96.38 -4.02 0.00	125.05 -3.60 0.00	156.60 -3.52 0.00	177.95 -3.83 0.00	152.17 -2.95 0.00	110.41 -3.06 0.00	86.70 -2.68 0.00	69.75 -1.79 0.00	61.21 -1.06 0.00
KATONAH__115KV_46KV_TB4 355592	53.41 3.17 0.00	49.69 2.86 0.00	48.52 2.70 0.00	44.82 2.54 0.00	45.29 2.52 0.00	48.67 2.67 0.00	51.88 2.89 0.00	54.94 3.21 0.00	57.68 3.16 0.00	60.58 3.27 0.00	61.51 3.32 0.00	70.32 3.98 0.00	76.60 5.01 0.00	88.46 6.32 0.00	99.23 7.69 0.00	109.64 9.24 0.00	139.07 10.42 0.00	173.09 12.97 0.00	195.23 13.45 0.00	166.13 11.01 0.00	121.97 8.51 0.00	95.46 6.08 0.00	75.54 4.01 0.00	64.82 2.55 0.00
KCE_NY_1 323755	53.21 2.96 0.00	49.45 2.62 0.00	48.38 2.56 0.00	44.61 2.32 0.00	44.99 2.22 0.00	48.39 2.39 0.00	51.29 2.30 0.00	54.22 2.48 0.00	56.91 2.40 0.00	59.67 2.35 0.00	60.28 2.09 0.00	68.72 2.38 0.00	74.74 3.15 0.00	85.92 3.78 0.00	96.29 4.76 0.00	106.12 5.72 0.00	135.60 6.94 0.00	169.73 9.61 0.00	193.59 11.81 0.00	165.20 10.08 0.00	121.52 8.06 0.00	98.09 6.35 -2.36	75.90 4.36 0.00	65.50 3.24 0.00
KCE_NY_6_ESR 323823	51.45 1.20 0.00	48.37 1.54 0.00	46.32 0.50 0.00	42.33 0.04 0.00	43.07 0.30 0.00	45.77 -0.23 0.00	48.41 -0.59 0.00	51.06 -0.67 0.00	54.57 0.05 0.00	58.64 1.32 0.00	60.28 2.09 0.00	68.33 1.99 0.00	74.96 3.37 0.00	86.16 4.02 0.00	95.84 4.30 0.00	102.81 2.41 0.00	130.20 1.55 0.00	159.96 -0.16 0.00	182.87 1.10 0.00	155.43 0.31 0.00	114.71 1.25 0.00	91.07 1.69 0.00	74.25 2.72 0.00	64.94 2.68 0.00
KEDC PORT_JEFF_GT2 24210	54.01 3.77 0.00	51.09 4.26 0.00	49.85 4.03 0.00	45.88 3.59 0.00	45.89 3.12 0.00	49.68 3.68 0.00	52.67 3.68 0.00	54.73 3.00 0.00	56.09 1.96 0.39	56.95 1.95 2.31	60.92 2.74 0.00	69.68 3.58 0.24	75.39 3.86 0.07	86.29 4.60 0.45	97.47 6.41 0.47	109.44 9.04 0.00	139.74 11.07 -0.02	231.43 14.25 -57.06	213.35 13.45 -18.12	162.37 10.55 3.30	120.33 6.92 0.05	93.31 3.93 0.00	71.35 0.93 1.12	56.71 1.12 6.68
KEDC PORT_JEFF_GT3 24211	54.01 3.77 0.00	51.09 4.26 0.00	49.85 4.03 0.00	45.88 3.59 0.00	45.89 3.12 0.00	49.68 3.68 0.00	52.67 3.68 0.00	54.73 3.00 0.00	56.09 1.96 0.39	56.95 1.95 2.31	60.92 2.74 0.00	69.68 3.58 0.24	75.39 3.86 0.07	86.29 4.60 0.45	97.47 6.41 0.47	109.44 9.04 0.00	139.74 11.07 -0.02	231.43 14.25 -57.06	213.35 13.45 -18.12	162.37 10.55 3.30	120.33 6.92 0.05	93.31 3.93 0.00	71.35 0.93 1.12	56.71 1.12 6.68
KEDC_GLWD_GT4 24219	53.91 3.67 0.00	50.58 3.75 0.00	49.34 3.53 0.00	45.50 3.21 0.00	45.72 2.95 0.00	49.35 3.36 0.00	52.37 3.38 0.00	55.10 3.36 0.00	57.55 3.16 0.13	59.81 3.27 0.77	61.45 3.26 0.00	70.39 4.05 0.00	76.53 4.94 0.00	88.13 5.99 0.00	99.05 7.51 0.00	109.94 9.54 0.00	139.84 11.19 0.00	173.90 13.77 0.00	195.42 13.64 0.00	165.97 10.85 0.00	121.40 7.94 0.00	94.74 5.36 0.00	74.17 2.79 0.15	63.23 1.93 0.97
KEDC_GLWD_GT5 24220	53.91 3.67 0.00	50.58 3.75 0.00	49.34 3.53 0.00	45.50 3.21 0.00	45.72 2.95 0.00	49.35 3.36 0.00	52.37 3.38 0.00	55.10 3.36 0.00	57.55 3.16 0.13	59.81 3.27 0.77	61.45 3.26 0.00	70.39 4.05 0.00	76.53 4.94 0.00	88.13 5.99 0.00	99.05 7.51 0.00	109.94 9.54 0.00	139.84 11.19 0.00	173.90 13.77 0.00	195.42 13.64 0.00	165.97 10.85 0.00	121.40 7.94 0.00	94.74 5.36 0.00	74.17 2.79 0.15	63.23 1.93 0.97
KENSICO____ 23655	53.21 2.96 0.00	49.59 2.76 0.00	48.38 2.57 0.00	44.69 2.41 0.00	45.17 2.40 0.00	48.48 2.48 0.00	51.64 2.65 0.00	54.74 3.00 0.00	57.57 3.05 0.00	60.41 3.10 0.00	61.33 3.14 0.00	70.12 3.78 0.00	76.18 4.58 0.00	87.89 5.75 0.00	98.59 7.05 0.00	108.93 8.53 0.00	138.30 9.65 0.00	171.81 11.69 0.00	193.77 12.00 0.00	164.74 9.62 0.00	121.18 7.72 0.00	94.74 5.36 0.00	75.04 3.51 0.00	64.45 2.18 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	53.31 3.06 0.00	49.59 2.76 0.00	48.52 2.70 0.00	44.78 2.49 0.00	45.21 2.44 0.00	48.67 2.67 0.00	51.78 2.79 0.00	54.78 3.05 0.00	57.01 3.11 0.61	59.68 3.10 0.73	60.66 3.03 0.55	68.95 3.52 0.90	74.67 4.22 1.15	85.79 5.26 1.61	95.91 6.41 2.04	108.03 7.93 0.31	136.42 9.26 1.50	169.42 12.17 2.88	191.06 13.09 3.80	163.65 11.17 2.64	121.23 8.62 0.86	95.72 6.35 0.00	75.68 4.15 0.00	65.26 2.99 0.00

KIAC_JFK_GT1 23816	53.36 3.11 0.00	49.64 2.81 0.00	48.43 2.61 0.00	44.69 2.41 0.00	45.12 2.35 0.00	48.53 2.53 0.00	51.83 2.84 0.00	55.10 3.36 0.00	58.06 3.54 0.00	60.98 3.67 0.00	61.39 3.20 0.00	70.32 3.98 0.00	76.46 4.87 0.00	88.30 6.16 0.00	99.04 7.51 0.00	109.74 9.34 0.00	139.33 10.68 0.00	175.53 12.81 -2.60	198.06 13.09 -3.20	168.03 10.55 -2.36	121.86 8.40 0.00	95.01 5.63 0.00	75.47 3.93 0.00	64.63 2.37 0.00
KIAC_JFK_GT2 23817	53.36 3.11 0.00	49.64 2.81 0.00	48.43 2.61 0.00	44.69 2.41 0.00	45.12 2.35 0.00	48.53 2.53 0.00	51.83 2.84 0.00	55.10 3.36 0.00	58.06 3.54 0.00	60.98 3.67 0.00	61.39 3.20 0.00	70.32 3.98 0.00	76.46 4.87 0.00	88.30 6.16 0.00	99.04 7.51 0.00	109.74 9.34 0.00	139.33 10.68 0.00	175.53 12.81 -2.60	198.06 13.09 -3.20	168.03 10.55 -2.36	121.86 8.40 0.00	95.01 5.63 0.00	75.47 3.93 0.00	64.63 2.37 0.00
KIAC_JFK____ 323774	53.36 3.12 0.00	49.78 2.95 0.00	48.57 2.75 0.00	44.78 2.49 0.00	45.12 2.35 0.00	48.71 2.71 0.00	51.93 2.94 0.00	55.10 3.36 0.00	58.12 3.60 0.00	60.99 3.67 0.00	61.39 3.20 0.00	70.32 3.98 0.00	76.53 4.94 0.00	88.22 6.08 0.00	99.05 7.51 0.00	109.74 9.34 0.00	139.33 10.67 0.00	175.54 12.81 -2.60	198.07 13.10 -3.20	168.03 10.55 -2.36	121.86 8.40 0.00	95.01 5.63 0.00	75.40 3.86 0.00	64.63 2.37 0.00
KINTIGH__24_KV_GSU 356498	50.44 0.20 0.00	47.48 0.66 0.00	45.68 -0.14 0.00	41.78 -0.51 0.00	42.38 -0.39 0.00	45.12 -0.88 0.00	47.67 -1.32 0.00	50.23 -1.50 0.00	53.59 -0.93 0.00	57.37 0.06 0.00	58.83 0.64 0.00	66.74 0.40 0.00	72.95 1.36 0.00	83.70 1.56 0.00	93.19 1.65 0.00	100.40 0.00 0.00	127.12 -1.54 0.00	155.96 -4.16 0.00	177.95 -3.83 0.00	151.85 -3.26 0.00	112.22 -1.25 0.00	89.11 -0.27 0.00	72.46 0.93 0.00	63.51 1.24 0.00
KINTIGH____ 23543	50.49 0.25 0.00	48.09 1.26 0.00	46.14 0.32 0.00	42.20 -0.08 0.00	42.39 -0.38 0.00	45.68 -0.32 0.00	47.91 -1.08 0.00	50.34 -1.40 0.00	53.59 -0.93 0.00	57.37 0.06 0.00	58.83 0.64 0.00	66.74 0.40 0.00	73.10 1.50 0.00	83.70 1.56 0.00	93.19 1.65 0.00	100.40 0.00 0.00	127.11 -1.54 0.00	156.12 -4.00 0.00	178.14 -3.64 0.00	151.86 -3.26 0.00	112.22 -1.25 0.00	89.11 -0.27 0.00	72.18 0.64 0.00	63.51 1.25 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	48.73 -1.51 0.00	45.33 -1.50 0.00	44.44 -1.37 0.00	41.01 -1.27 0.00	41.53 -1.24 0.00	44.71 -1.29 0.00	48.01 -0.98 0.00	50.60 -1.14 0.00	53.54 -0.98 0.00	56.11 -1.20 0.00	57.03 -1.16 0.00	65.01 -1.33 0.00	69.52 -2.08 0.00	79.18 -2.96 0.00	87.69 -3.84 0.00	96.59 -3.82 0.00	125.57 -3.09 0.00	157.40 -2.72 0.00	178.69 -3.09 0.00	153.10 -2.02 0.00	111.08 -2.38 0.00	87.14 -2.23 0.00	69.96 -1.57 0.00	61.33 -0.93 0.00
LACHUTE____HYDRO 323717	55.17 4.93 0.00	51.14 4.31 0.00	49.85 4.03 0.00	45.84 3.55 0.00	46.23 3.46 0.00	49.68 3.68 0.00	52.57 3.57 0.00	55.62 3.88 0.00	58.45 3.93 0.00	61.10 3.78 0.00	61.50 3.32 0.00	70.12 3.78 0.00	76.53 4.94 0.00	87.97 5.83 0.00	98.68 7.14 0.00	109.04 8.64 0.00	139.72 11.07 0.00	176.46 16.34 0.00	203.58 21.80 0.00	174.19 19.07 0.00	128.11 14.64 0.00	102.91 11.44 -2.09	79.48 7.94 0.00	68.43 6.17 0.00
LAWRNCV_115KV_TB1 80681	49.79 -0.45 0.00	46.17 -0.66 0.00	45.27 -0.55 0.00	41.82 -0.47 0.00	42.04 -0.73 0.00	45.08 -0.92 0.00	48.60 -0.39 0.00	51.11 -0.62 0.00	53.75 -0.76 0.00	55.88 -1.43 0.00	56.39 -1.80 0.00	64.28 -2.06 0.00	68.59 -3.01 0.00	78.36 -3.78 0.00	86.78 -4.76 0.00	95.58 -4.82 0.00	124.28 -4.37 0.00	155.80 -4.32 0.00	177.23 -4.54 0.00	152.17 -2.95 0.00	110.17 -3.29 0.00	86.61 -2.77 0.00	69.82 -1.72 0.00	61.77 -0.50 0.00
LEDERLE____ 23769	53.16 2.91 0.00	49.50 2.67 0.00	48.29 2.47 0.00	44.65 2.37 0.00	45.12 2.35 0.00	48.44 2.44 0.00	51.59 2.60 0.00	54.68 2.95 0.00	57.52 3.00 0.00	60.41 3.10 0.00	61.33 3.14 0.00	70.05 3.71 0.00	76.10 4.51 0.00	87.81 5.67 0.00	98.40 6.87 0.00	108.63 8.23 0.00	138.05 9.39 0.00	171.49 11.37 0.00	193.41 11.63 0.00	164.58 9.46 0.00	121.07 7.60 0.00	94.83 5.45 0.00	75.11 3.58 0.00	64.57 2.30 0.00
LIGHTHSE_115KV_TB6 355974	50.74 0.50 0.00	47.30 0.47 0.00	46.09 0.27 0.00	42.54 0.25 0.00	42.94 0.17 0.00	46.41 0.41 0.00	49.24 0.24 0.00	51.99 0.26 0.00	54.68 0.16 0.00	57.49 0.17 0.00	58.31 0.12 0.00	66.40 0.07 0.00	71.95 0.36 0.00	82.96 0.82 0.00	92.36 0.82 0.00	100.90 0.50 0.00	129.17 0.51 0.00	161.09 0.80 -0.16	184.61 2.18 -0.65	158.01 2.64 -0.26	115.62 2.16 0.00	91.17 1.79 0.00	72.75 1.22 0.00	63.02 0.75 0.00
LINDEN COGEN____ 23786	51.03 2.96 2.18	49.68 2.86 0.01	48.51 2.70 0.01	44.78 2.49 0.00	45.12 2.35 0.00	48.61 2.62 0.01	50.95 2.69 0.74	51.07 3.05 3.72	51.10 3.16 6.58	51.14 3.15 9.33	52.92 3.02 8.29	61.36 3.71 8.69	66.12 4.59 10.06	68.37 5.66 19.43	91.20 6.95 7.29	101.15 8.64 7.89	113.31 9.65 25.00	135.50 11.68 36.31	134.71 11.64 58.71	109.93 9.31 54.49	103.87 7.37 16.96	85.71 5.00 8.67	65.05 3.14 9.63	53.90 1.93 10.30
LINDHRST_69_KV_BK1 356055	54.41 4.17 0.00	51.23 4.40 0.00	49.85 4.03 0.00	45.88 3.59 0.00	46.15 3.38 0.00	49.40 3.40 0.00	52.47 3.48 0.00	54.63 2.90 0.00	56.86 2.67 0.33	58.07 2.75 2.00	61.74 3.55 0.00	70.66 4.38 0.06	76.72 5.15 0.03	88.14 6.16 0.16	99.24 7.87 0.17	110.94 10.54 0.00	141.65 12.99 0.00	173.55 16.33 2.90	194.39 16.18 3.57	165.36 12.87 2.64	122.18 8.74 0.02	95.01 5.63 0.00	74.95 4.29 0.88	58.97 1.99 5.29
LIPA_MISC_IPP 23656	53.71 3.47 0.00	50.62 3.79 0.00	49.30 3.48 0.00	45.37 3.09 0.00	45.64 2.87 0.00	48.76 2.76 0.00	51.78 2.79 0.00	53.80 2.07 0.00	55.66 1.53 0.39	56.54 1.55 2.32	60.69 2.50 0.00	69.42 3.25 0.17	75.34 3.79 0.05	86.58 4.76 0.33	97.60 6.41 0.34	109.54 9.14 0.00	139.99 11.32 -0.01	202.51 14.57 -27.82	202.80 13.82 -7.21	162.96 11.17 3.33	120.80 7.38 0.04	93.58 4.20 0.00	73.42 3.00 1.12	56.42 0.87 6.72
LISF____SOLAR 323691	53.86 3.62 0.00	50.90 4.07 0.00	49.71 3.89 0.00	45.79 3.51 0.00	45.76 2.99 0.00	49.59 3.59 0.00	52.52 3.53 0.00	54.58 2.84 0.00	55.82 1.69 0.39	56.66 1.66 2.32	60.81 2.62 0.00	69.54 3.38 0.18	75.62 4.08 0.05	86.72 4.93 0.34	97.86 6.68 0.36	109.84 9.43 0.00	140.37 11.71 -0.01	206.61 15.05 -31.44	204.89 14.55 -8.57	163.58 11.78 3.32	121.25 7.82 0.04	93.93 4.56 0.00	71.77 1.36 1.12	56.62 1.06 6.71
LITTLE FALLS____HYD 24013	50.04 -0.20 0.00	46.55 -0.28 0.00	45.54 -0.27 0.00	42.03 -0.25 0.00	42.47 -0.30 0.00	45.81 -0.18 0.00	48.75 -0.24 0.00	51.42 -0.31 0.00	54.14 -0.38 0.00	56.86 -0.46 0.00	57.61 -0.58 0.00	65.67 -0.66 0.00	71.02 -0.57 0.00	81.73 -0.41 0.00	91.26 -0.27 0.00	100.10 -0.30 0.00	127.75 -0.90 0.00	159.32 -0.80 0.00	181.05 -0.73 0.00	154.65 -0.47 0.00	113.24 -0.23 0.00	89.20 -0.18 0.00	71.25 -0.29 0.00	61.77 -0.50 0.00

LITTLRIV_115KV_TB1 356100	50.49 0.25 0.00	46.78 -0.05 0.00	45.86 0.05 0.00	42.37 0.08 0.00	42.56 -0.21 0.00	45.81 -0.18 0.00	49.38 0.39 0.00	51.79 0.05 0.00	54.30 -0.22 0.00	56.40 -0.92 0.00	56.79 -1.40 0.00	64.75 -1.59 0.00	69.02 -2.58 0.00	78.85 -3.29 0.00	87.42 -4.12 0.00	96.28 -4.12 0.00	125.57 -3.09 0.00	157.88 -2.24 0.00	179.96 -1.82 0.00	155.12 0.00 0.00	112.33 -1.13 0.00	88.22 -1.16 0.00	71.04 -0.50 0.00	62.77 0.50 0.00
LI_NEWBRDGE___DRP 323616	53.51 3.27 0.00	50.30 3.47 0.00	48.98 3.16 0.00	45.16 2.88 0.00	45.42 2.65 0.00	48.67 2.67 0.00	51.64 2.65 0.00	53.91 2.17 0.00	56.12 2.02 0.42	56.82 2.01 2.50	60.69 2.50 0.00	69.52 3.18 0.00	75.53 3.94 0.00	86.90 4.76 0.00	97.85 6.32 0.00	108.93 8.53 0.00	138.82 10.16 0.00	168.37 12.81 4.56	188.35 12.18 5.61	160.44 9.46 4.14	120.04 6.58 0.00	93.49 4.11 0.00	73.49 3.22 1.26	55.77 1.06 7.56
LOCKPORT_115KV_TB60_63_64 80432	50.79 0.55 0.00	48.52 1.69 0.00	46.37 0.55 0.00	41.99 -0.30 0.00	42.17 -0.60 0.00	45.40 -0.60 0.00	47.62 -1.37 0.00	49.92 -1.81 0.00	53.21 -1.31 0.00	57.14 -0.17 0.00	58.77 0.58 0.00	66.54 0.20 0.00	73.10 1.50 0.00	83.62 1.48 0.00	92.82 1.28 0.00	99.80 -0.60 0.00	126.08 -2.57 0.00	155.16 -4.96 0.00	177.41 -4.36 0.00	150.93 -4.19 0.00	111.31 -2.16 0.00	88.48 -0.89 0.00	71.97 0.43 0.00	63.58 1.31 0.00
LOCKPORT___CC1 323769	50.49 0.25 0.00	47.58 0.75 0.00	45.31 -0.50 0.00	41.35 -0.93 0.00	42.04 -0.73 0.00	44.94 -1.06 0.00	47.18 -1.81 0.00	49.61 -2.12 0.00	53.05 -1.47 0.00	56.97 -0.34 0.00	58.60 0.41 0.00	66.27 -0.07 0.00	72.52 0.93 0.00	83.20 1.07 0.00	92.45 0.92 0.00	99.30 -1.10 0.00	125.57 -3.09 0.00	154.37 -5.76 0.00	176.50 -5.28 0.00	150.15 -4.97 0.00	110.86 -2.61 0.00	88.13 -1.25 0.00	72.11 0.57 0.00	63.33 1.06 0.00
LOCKPORT___CC2 323770	50.49 0.25 0.00	47.58 0.75 0.00	45.31 -0.50 0.00	41.35 -0.93 0.00	42.04 -0.73 0.00	44.94 -1.06 0.00	47.18 -1.81 0.00	49.61 -2.12 0.00	53.05 -1.47 0.00	56.97 -0.34 0.00	58.60 0.41 0.00	66.27 -0.07 0.00	72.52 0.93 0.00	83.20 1.07 0.00	92.45 0.92 0.00	99.30 -1.10 0.00	125.57 -3.09 0.00	154.37 -5.76 0.00	176.50 -5.28 0.00	150.15 -4.97 0.00	110.86 -2.61 0.00	88.13 -1.25 0.00	72.11 0.57 0.00	63.33 1.06 0.00
LOCKPORT___CC3 323771	50.49 0.25 0.00	47.58 0.75 0.00	45.31 -0.50 0.00	41.35 -0.93 0.00	42.04 -0.73 0.00	44.94 -1.06 0.00	47.18 -1.81 0.00	49.61 -2.12 0.00	53.05 -1.47 0.00	56.97 -0.34 0.00	58.60 0.41 0.00	66.27 -0.07 0.00	72.52 0.93 0.00	83.20 1.07 0.00	92.45 0.92 0.00	99.30 -1.10 0.00	125.57 -3.09 0.00	154.37 -5.76 0.00	176.50 -5.28 0.00	150.15 -4.97 0.00	110.86 -2.61 0.00	88.13 -1.25 0.00	72.11 0.57 0.00	63.33 1.06 0.00
LOCUSVLY_69_KV_BK2 55797	54.01 3.77 0.00	50.67 3.84 0.00	49.34 3.53 0.00	45.50 3.21 0.00	45.81 3.04 0.00	49.13 3.13 0.00	52.18 3.18 0.00	54.63 2.90 0.00	57.21 2.89 0.20	59.18 3.04 1.17	61.68 3.49 0.00	70.65 4.31 0.00	76.75 5.15 0.00	88.55 6.41 0.00	99.59 8.06 0.00	110.74 10.34 0.00	140.88 12.22 0.00	173.97 15.21 1.37	195.00 14.91 1.68	165.67 11.79 1.24	121.86 8.40 0.00	95.01 5.63 0.00	75.14 4.01 0.40	61.84 1.99 2.42
LONG_LAKE_PHOENIX 24014	49.84 -0.40 0.00	46.55 -0.28 0.00	45.40 -0.41 0.00	41.82 -0.47 0.00	42.26 -0.51 0.00	45.49 -0.51 0.00	48.21 -0.78 0.00	51.01 -0.72 0.00	53.86 -0.65 0.00	56.80 -0.52 0.00	57.72 -0.47 0.00	65.81 -0.53 0.00	71.38 -0.21 0.00	82.14 0.00 0.00	91.72 0.18 0.00	100.30 -0.10 0.00	128.01 -0.64 0.00	158.93 -1.44 -0.25	181.87 -0.91 -1.00	154.74 -0.78 -0.40	113.24 -0.23 0.00	89.38 0.00 0.00	71.32 -0.21 0.00	61.83 -0.44 0.00
LOVETT___3 23632	52.85 2.61 0.00	49.26 2.44 0.00	48.06 2.25 0.00	44.44 2.16 0.00	44.91 2.14 0.00	48.21 2.21 0.00	51.29 2.30 0.00	54.37 2.64 0.00	57.19 2.67 0.00	60.01 2.69 0.00	60.92 2.73 0.00	69.59 3.25 0.00	75.60 4.01 0.00	87.23 5.09 0.00	97.76 6.22 0.00	107.93 7.53 0.00	137.02 8.36 0.00	170.21 10.09 0.00	191.96 10.18 0.00	163.34 8.22 0.00	120.16 6.69 0.00	94.11 4.74 0.00	74.61 3.08 0.00	64.14 1.87 0.00
LOVETT___4 23642	52.85 2.61 0.00	49.26 2.44 0.00	48.06 2.25 0.00	44.44 2.16 0.00	44.91 2.14 0.00	48.21 2.21 0.00	51.29 2.30 0.00	54.37 2.64 0.00	57.19 2.67 0.00	60.01 2.69 0.00	60.92 2.73 0.00	69.59 3.25 0.00	75.60 4.01 0.00	87.23 5.09 0.00	97.76 6.22 0.00	107.93 7.53 0.00	137.02 8.36 0.00	170.21 10.09 0.00	191.96 10.18 0.00	163.34 8.22 0.00	120.16 6.69 0.00	94.11 4.74 0.00	74.61 3.08 0.00	64.14 1.87 0.00
LOVETT___5 23593	52.85 2.61 0.00	49.26 2.44 0.00	48.06 2.25 0.00	44.44 2.16 0.00	44.91 2.14 0.00	48.21 2.21 0.00	51.29 2.30 0.00	54.37 2.64 0.00	57.19 2.67 0.00	60.01 2.69 0.00	60.92 2.73 0.00	69.59 3.25 0.00	75.60 4.01 0.00	87.23 5.09 0.00	97.76 6.22 0.00	107.93 7.53 0.00	137.02 8.36 0.00	170.21 10.09 0.00	191.96 10.18 0.00	163.34 8.22 0.00	120.16 6.69 0.00	94.11 4.74 0.00	74.61 3.08 0.00	64.14 1.87 0.00
LOWER RAQUET___HYD 24057	49.84 -0.40 0.00	46.22 -0.61 0.00	45.31 -0.50 0.00	41.90 -0.38 0.00	42.00 -0.77 0.00	45.03 -0.97 0.00	48.55 -0.44 0.00	51.01 -0.72 0.00	53.64 -0.87 0.00	55.71 -1.60 0.00	56.10 -2.09 0.00	63.95 -2.39 0.00	68.30 -3.29 0.00	78.03 -4.10 0.00	86.32 -5.21 0.00	95.18 -5.23 0.00	123.77 -4.89 0.00	155.35 -4.80 -0.02	176.79 -5.09 -0.10	151.89 -3.26 -0.04	109.95 -3.52 0.00	86.43 -2.95 0.00	69.68 -1.86 0.00	61.77 -0.50 0.00
LOWER___HUDSON 24059	52.35 2.11 0.00	48.75 1.92 0.00	47.74 1.92 0.00	44.02 1.73 0.00	44.40 1.62 0.00	47.79 1.79 0.00	50.70 1.71 0.00	53.59 1.86 0.00	56.31 1.80 0.00	59.03 1.72 0.00	59.76 1.57 0.00	68.13 1.79 0.00	74.03 2.44 0.00	85.09 2.95 0.00	95.38 3.84 0.00	105.02 4.62 0.00	133.93 5.28 0.00	167.34 7.21 0.00	189.77 7.99 0.00	161.94 6.82 0.00	119.13 5.67 0.00	99.31 4.47 -5.46	74.47 2.93 0.00	64.26 1.99 0.00
LOWVILLE_115KV_TB2 356335	51.65 1.41 0.00	48.05 1.22 0.00	47.01 1.19 0.00	43.76 1.48 0.00	44.18 1.41 0.00	47.93 1.93 0.00	50.95 1.96 0.00	53.70 1.97 0.00	56.26 1.74 0.00	58.75 1.43 0.00	59.30 1.11 0.00	67.60 1.26 0.00	72.95 1.36 0.00	84.27 2.14 0.00	93.83 2.29 0.00	103.01 2.61 0.00	132.26 3.60 0.00	165.93 5.76 -0.04	190.12 8.18 -0.17	163.72 8.53 -0.07	118.68 5.22 0.00	94.11 4.74 0.00	74.11 2.58 0.00	64.20 1.93 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	53.16 2.91 0.00	49.41 2.58 0.00	48.29 2.47 0.00	44.52 2.24 0.00	44.99 2.22 0.00	48.30 2.30 0.00	51.24 2.25 0.00	54.17 2.43 0.00	56.92 2.40 0.00	59.61 2.29 0.00	60.23 2.04 0.00	68.66 2.32 0.00	74.67 3.08 0.00	85.92 3.78 0.00	96.21 4.67 0.00	106.02 5.62 0.00	135.47 6.82 0.00	169.57 9.45 0.00	193.23 11.45 0.00	165.05 9.93 0.00	121.41 7.94 0.00	98.00 6.26 -2.36	75.83 4.29 0.00	65.44 3.18 0.00

LUTHERNY_35_KV_BK2 355980	53.21 2.96 0.00	49.45 2.62 0.00	48.34 2.52 0.00	44.57 2.28 0.00	45.04 2.27 0.00	48.34 2.35 0.00	51.24 2.25 0.00	54.17 2.43 0.00	56.92 2.40 0.00	59.67 2.35 0.00	60.28 2.09 0.00	68.73 2.39 0.00	74.74 3.15 0.00	86.00 3.86 0.00	96.30 4.76 0.00	106.12 5.72 0.00	135.60 6.95 0.00	169.73 9.61 0.00	193.59 11.82 0.00	165.20 10.08 0.00	121.52 8.06 0.00	98.08 6.35 -2.36	75.90 4.36 0.00	65.51 3.24 0.00
LWR___OSWEGATCHIE_HYD 23850	50.69 0.45 0.00	47.06 0.23 0.00	46.05 0.23 0.00	42.71 0.42 0.00	42.98 0.21 0.00	46.37 0.37 0.00	49.63 0.64 0.00	52.20 0.47 0.00	54.79 0.27 0.00	57.09 -0.23 0.00	57.55 -0.64 0.00	65.54 -0.80 0.00	70.45 -1.15 0.00	80.99 -1.15 0.00	89.98 -1.56 0.00	98.89 -1.51 0.00	127.75 -0.90 0.00	160.48 0.32 -0.04	183.38 1.45 -0.15	157.97 2.79 -0.06	114.48 1.02 0.00	90.36 0.98 0.00	71.97 0.43 0.00	62.95 0.68 0.00
LYONS_FALL_HYD 23570	51.75 1.51 0.00	48.14 1.31 0.00	47.05 1.24 0.00	43.68 1.39 0.00	44.10 1.33 0.00	47.79 1.79 0.00	50.80 1.81 0.00	53.54 1.81 0.00	56.21 1.69 0.00	58.86 1.55 0.00	59.47 1.28 0.00	67.80 1.46 0.00	73.31 1.72 0.00	84.69 2.55 0.00	94.47 2.93 0.00	103.61 3.21 0.00	132.65 3.99 0.00	165.92 5.76 -0.04	189.76 7.81 -0.17	163.09 7.91 -0.07	118.57 5.11 0.00	93.76 4.38 0.00	74.11 2.57 0.00	64.20 1.93 0.00
MADISON___COUNTY_LFGE 323628	52.20 1.96 0.00	48.56 1.73 0.00	47.37 1.56 0.00	43.72 1.44 0.00	44.18 1.41 0.00	47.79 1.79 0.00	50.71 1.71 0.00	53.55 1.81 0.00	56.32 1.80 0.00	59.21 1.89 0.00	59.94 1.75 0.00	68.39 2.06 0.00	74.10 2.51 0.00	85.67 3.53 0.00	95.75 4.21 0.00	104.82 4.42 0.00	132.90 4.25 0.00	165.57 5.44 0.00	188.87 7.09 0.00	161.79 6.67 0.00	118.46 4.99 0.00	93.31 3.93 0.00	74.18 2.65 0.00	64.14 1.87 0.00
MALONE___115KV_TB1 356076	49.44 -0.80 0.00	45.80 -1.03 0.00	44.90 -0.92 0.00	41.48 -0.80 0.00	41.87 -0.90 0.00	45.08 -0.92 0.00	48.60 -0.39 0.00	51.17 -0.57 0.00	54.08 -0.44 0.00	56.57 -0.75 0.00	57.38 -0.81 0.00	65.41 -0.93 0.00	69.87 -1.72 0.00	79.67 -2.46 0.00	88.15 -3.39 0.00	97.19 -3.21 0.00	126.34 -2.32 0.00	158.52 -1.60 0.00	180.14 -1.64 0.00	154.50 -0.62 0.00	111.88 -1.59 0.00	87.86 -1.52 0.00	70.53 -1.00 0.00	61.96 -0.31 0.00
MAPLEWOD_115KV_TB3 80458	51.80 1.56 0.00	48.19 1.36 0.00	47.24 1.42 0.00	43.55 1.27 0.00	44.01 1.24 0.00	47.29 1.29 0.00	50.12 1.13 0.00	53.03 1.29 0.00	55.77 1.25 0.00	58.52 1.20 0.00	59.30 1.11 0.00	67.60 1.26 0.00	73.45 1.86 0.00	84.60 2.46 0.00	94.65 3.11 0.00	104.22 3.82 0.00	132.77 4.12 0.00	165.89 5.76 0.00	187.96 6.18 0.00	160.24 5.12 0.00	117.78 4.31 0.00	89.84 3.40 2.93	73.68 2.15 0.00	63.58 1.31 0.00
MAPLE_RIDGE_WT_1 323574	49.84 -0.40 0.00	46.41 -0.42 0.00	45.45 -0.37 0.00	41.99 -0.29 0.00	42.47 -0.30 0.00	45.72 -0.27 0.00	48.80 -0.20 0.00	51.58 -0.15 0.00	54.35 -0.16 0.00	57.09 -0.23 0.00	57.96 -0.23 0.00	66.07 -0.26 0.00	71.02 -0.58 0.00	81.40 -0.74 0.00	90.53 -1.00 0.00	99.40 -1.00 0.00	127.62 -1.03 0.00	158.84 -1.29 0.00	180.51 -1.26 0.00	154.04 -1.08 0.00	112.55 -0.91 0.00	88.48 -0.89 0.00	70.89 -0.65 0.00	61.90 -0.37 0.00
MAPLE_RIDGE_WT_2 323611	49.84 -0.40 0.00	46.41 -0.42 0.00	45.45 -0.37 0.00	41.99 -0.29 0.00	42.47 -0.30 0.00	45.72 -0.27 0.00	48.80 -0.20 0.00	51.58 -0.15 0.00	54.35 -0.16 0.00	57.09 -0.23 0.00	57.96 -0.23 0.00	66.07 -0.26 0.00	71.02 -0.58 0.00	81.40 -0.74 0.00	90.53 -1.00 0.00	99.40 -1.00 0.00	127.62 -1.03 0.00	158.84 -1.29 0.00	180.51 -1.26 0.00	154.04 -1.08 0.00	112.55 -0.91 0.00	88.48 -0.89 0.00	70.89 -0.65 0.00	61.90 -0.37 0.00
MARBLE_RIVER_WT_PWR 323696	48.63 -1.61 0.00	45.29 -1.54 0.00	44.35 -1.47 0.00	40.93 -1.35 0.00	41.40 -1.37 0.00	44.62 -1.38 0.00	47.96 -1.03 0.00	50.60 -1.14 0.00	53.43 -1.09 0.00	56.11 -1.21 0.00	56.97 -1.22 0.00	64.94 -1.40 0.00	69.37 -2.22 0.00	79.19 -2.95 0.00	87.60 -3.93 0.00	96.48 -3.92 0.00	125.19 -3.47 0.00	156.60 -3.52 0.00	177.95 -3.83 0.00	152.17 -2.95 0.00	110.51 -2.95 0.00	86.78 -2.59 0.00	69.75 -1.79 0.00	61.21 -1.06 0.00
MARSHVLE_115KV_TB1 80742	55.37 5.12 0.00	51.47 4.64 0.00	50.26 4.44 0.00	46.34 4.06 0.00	46.88 4.11 0.00	50.41 4.42 0.00	53.16 4.16 0.00	55.51 3.78 0.00	57.95 3.43 0.00	60.53 3.21 0.00	61.27 3.08 0.00	69.66 3.32 0.00	75.75 4.15 0.00	87.31 5.17 0.00	97.76 6.22 0.00	107.53 7.13 0.00	137.27 8.62 0.00	172.29 12.17 0.00	198.14 16.36 0.00	172.03 16.91 0.00	127.19 13.73 0.00	100.19 10.81 0.00	79.48 7.94 0.00	68.49 6.23 0.00
MARSH_HILL_WT_PWR 323713	52.70 2.46 0.00	49.31 2.48 0.00	47.51 1.70 0.00	43.64 1.35 0.00	44.31 1.54 0.00	47.38 1.38 0.00	50.16 1.17 0.00	52.87 1.14 0.00	55.72 1.20 0.00	59.27 1.95 0.00	60.52 2.33 0.00	68.79 2.46 0.00	75.17 3.58 0.00	86.41 4.27 0.00	96.39 4.85 0.00	103.82 3.42 0.00	131.99 3.34 0.00	163.18 3.03 -0.03	187.52 5.64 -0.11	160.59 5.43 -0.04	118.57 5.11 0.00	94.11 4.73 0.00	76.12 4.58 0.00	66.00 3.74 0.00
MCINTYRE_115KV_TB2 80467	50.74 0.50 0.00	46.97 0.14 0.00	46.05 0.23 0.00	42.54 0.25 0.00	42.86 0.09 0.00	46.18 0.18 0.00	49.77 0.78 0.00	52.10 0.36 0.00	54.63 0.11 0.00	56.74 -0.57 0.00	57.20 -0.99 0.00	65.14 -1.19 0.00	69.45 -2.15 0.00	79.26 -2.87 0.00	87.78 -3.75 0.00	96.79 -3.61 0.00	126.34 -2.32 0.00	159.16 -0.96 0.00	181.41 -0.36 0.00	156.67 1.55 0.00	113.58 0.11 0.00	89.11 -0.27 0.00	71.75 0.21 0.00	63.26 1.00 0.00
MECO_____69_KV_BK1 80468	55.67 5.43 0.00	51.70 4.87 0.00	50.44 4.63 0.00	46.47 4.19 0.00	47.00 4.23 0.00	50.55 4.55 0.00	53.45 4.46 0.00	56.13 4.40 0.00	58.66 4.14 0.00	61.27 3.95 0.00	62.03 3.84 0.00	70.52 4.18 0.00	76.68 5.08 0.00	88.30 6.16 0.00	98.86 7.32 0.00	109.03 8.63 0.00	139.46 10.81 0.00	175.50 15.37 0.00	201.59 19.81 0.00	173.73 18.61 0.00	128.10 14.64 0.00	100.82 11.44 0.00	79.91 8.37 0.00	68.81 6.54 0.00
MENANDS___115KV_TB5 355628	51.40 1.16 0.00	47.81 0.98 0.00	46.87 1.05 0.00	43.26 0.97 0.00	43.71 0.94 0.00	46.92 0.92 0.00	49.77 0.78 0.00	52.67 0.93 0.00	55.39 0.87 0.00	58.12 0.80 0.00	58.95 0.76 0.00	67.20 0.86 0.00	72.95 1.36 0.00	84.03 1.89 0.00	94.01 2.47 0.00	103.51 3.11 0.00	131.74 3.09 0.00	164.45 4.32 0.00	186.32 4.54 0.00	158.69 3.57 0.00	116.64 3.18 0.00	88.86 2.50 3.02	73.04 1.50 0.00	63.02 0.75 0.00
MG INDUSTRY___DRP 24185	50.29 0.05 0.00	46.83 0.00 0.00	45.95 0.14 0.00	42.45 0.17 0.00	42.86 0.09 0.00	46.00 0.00 0.00	48.75 -0.24 0.00	51.46 -0.26 0.02	50.16 -0.44 3.92	52.02 -0.63 4.67	53.90 -0.76 3.54	59.68 -0.86 5.80	63.67 -0.57 7.35	71.49 -0.33 10.32	78.39 -0.09 13.06	98.53 0.10 1.97	118.51 -0.51 9.63	141.50 -0.16 18.46	157.20 -0.18 24.40	138.02 -0.16 16.94	108.42 0.45 5.50	88.14 0.45 1.69	71.39 -0.14 0.00	61.71 -0.56 0.00

MID___OSWEGATCHIE_HYD 23849	50.69 0.45 0.00	47.06 0.23 0.00	46.05 0.23 0.00	42.71 0.42 0.00	42.98 0.21 0.00	46.37 0.37 0.00	49.63 0.64 0.00	52.20 0.47 0.00	54.79 0.27 0.00	57.09 -0.23 0.00	57.55 -0.64 0.00	65.54 -0.80 0.00	70.45 -1.15 0.00	80.99 -1.15 0.00	89.98 -1.56 0.00	98.89 -1.51 0.00	127.75 -0.90 0.00	160.48 0.32 -0.04	183.38 1.45 -0.15	157.97 2.79 -0.06	114.48 1.02 0.00	90.36 0.98 0.00	71.97 0.43 0.00	62.95 0.68 0.00
MID___RAQUETTE_HYD 23851	49.84 -0.40 0.00	46.17 -0.66 0.00	45.31 -0.50 0.00	41.86 -0.42 0.00	42.00 -0.77 0.00	45.03 -0.97 0.00	48.55 -0.44 0.00	51.01 -0.72 0.00	53.65 -0.87 0.00	55.71 -1.60 0.00	56.09 -2.09 0.00	63.95 -2.39 0.00	68.23 -3.36 0.00	77.95 -4.19 0.00	86.32 -5.22 0.00	95.18 -5.22 0.00	123.77 -4.89 0.00	155.32 -4.80 0.00	176.69 -5.09 0.00	151.86 -3.26 0.00	109.95 -3.52 0.00	86.43 -2.95 0.00	69.68 -1.86 0.00	61.77 -0.50 0.00
MILLIKEN___1 23584	51.90 1.66 0.00	48.52 1.69 0.00	47.15 1.33 0.00	43.42 1.14 0.00	43.88 1.11 0.00	47.24 1.24 0.00	50.07 1.08 0.00	52.98 1.24 0.00	55.83 1.31 0.00	58.86 1.55 0.00	59.82 1.63 0.00	68.13 1.79 0.00	74.03 2.43 0.00	85.34 3.20 0.00	95.29 3.75 0.00	103.91 3.51 0.00	132.64 3.99 0.00	164.80 4.64 -0.03	188.62 6.73 -0.11	161.21 6.05 -0.05	118.23 4.77 0.00	93.49 4.11 0.00	74.54 3.00 0.00	64.51 2.24 0.00
MILLIKEN___2 23585	51.90 1.66 0.00	48.52 1.69 0.00	47.15 1.33 0.00	43.42 1.14 0.00	43.88 1.11 0.00	47.24 1.24 0.00	50.07 1.08 0.00	52.98 1.24 0.00	55.83 1.31 0.00	58.86 1.55 0.00	59.82 1.63 0.00	68.13 1.79 0.00	74.03 2.43 0.00	85.34 3.20 0.00	95.29 3.75 0.00	103.91 3.51 0.00	132.64 3.99 0.00	164.80 4.64 -0.03	188.62 6.73 -0.11	161.21 6.05 -0.05	118.23 4.77 0.00	93.49 4.11 0.00	74.54 3.00 0.00	64.51 2.24 0.00
MILLIKEN___DIESEL 23629	51.90 1.66 0.00	48.52 1.69 0.00	47.15 1.33 0.00	43.42 1.14 0.00	43.88 1.11 0.00	47.24 1.24 0.00	50.07 1.08 0.00	52.98 1.24 0.00	55.83 1.31 0.00	58.86 1.55 0.00	59.82 1.63 0.00	68.13 1.79 0.00	74.03 2.43 0.00	85.34 3.20 0.00	95.29 3.75 0.00	103.91 3.51 0.00	132.64 3.99 0.00	164.80 4.64 -0.03	188.62 6.73 -0.11	161.21 6.05 -0.05	118.23 4.77 0.00	93.49 4.11 0.00	74.54 3.00 0.00	64.51 2.24 0.00
MILLSEAT___LFGE 323607	51.95 1.71 0.00	48.80 1.97 0.00	46.50 0.69 0.00	42.41 0.13 0.00	43.07 0.30 0.00	46.23 0.23 0.00	48.60 -0.39 0.00	51.17 -0.57 0.00	54.63 0.11 0.00	58.58 1.26 0.00	60.11 1.92 0.00	68.19 1.85 0.00	73.88 2.29 0.00	84.85 2.71 0.00	94.38 2.84 0.00	101.81 1.40 0.00	129.04 0.39 0.00	158.84 -1.29 0.00	182.14 0.36 0.00	154.96 -0.15 0.00	114.03 0.57 0.00	90.72 1.34 0.00	74.40 2.86 0.00	65.07 2.80 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	53.11 2.86 0.00	49.45 2.62 0.00	48.29 2.47 0.00	44.61 2.33 0.00	45.04 2.27 0.00	48.39 2.39 0.00	51.54 2.55 0.00	54.58 2.85 0.00	57.41 2.89 0.00	60.24 2.92 0.00	61.16 2.97 0.00	69.85 3.52 0.00	75.96 4.37 0.00	87.64 5.50 0.00	98.22 6.68 0.00	108.53 8.13 0.00	137.79 9.13 0.00	171.33 11.21 0.00	193.05 11.27 0.00	164.27 9.15 0.00	120.84 7.38 0.00	94.56 5.18 0.00	74.90 3.36 0.00	64.39 2.12 0.00
MILLWOOD_13_KV_LOAD 356217	53.26 3.01 0.00	49.59 2.76 0.00	48.43 2.61 0.00	44.74 2.45 0.00	45.17 2.40 0.00	48.57 2.58 0.00	51.73 2.74 0.00	54.79 3.05 0.00	57.57 3.05 0.00	60.47 3.15 0.00	61.33 3.14 0.00	70.12 3.78 0.00	76.32 4.73 0.00	88.05 5.91 0.00	98.68 7.14 0.00	109.03 8.63 0.00	138.43 9.78 0.00	172.13 12.01 0.00	194.14 12.36 0.00	165.20 10.08 0.00	121.29 7.83 0.00	95.01 5.63 0.00	75.18 3.65 0.00	64.57 2.30 0.00
MODEL_CITY_ENERGY 24167	50.49 0.25 0.00	47.58 0.75 0.00	45.08 -0.73 0.00	41.18 -1.10 0.00	41.83 -0.94 0.00	44.94 -1.06 0.00	46.98 -2.01 0.00	49.30 -2.43 0.00	52.77 -1.75 0.00	56.69 -0.63 0.00	58.25 0.06 0.00	65.94 -0.40 0.00	72.16 0.57 0.00	82.79 0.65 0.00	92.09 0.55 0.00	98.79 -1.61 0.00	125.05 -3.60 0.00	153.71 -6.41 0.00	175.60 -6.18 0.00	149.38 -5.74 0.00	110.29 -3.18 0.00	87.68 -1.70 0.00	71.68 0.14 0.00	63.02 0.75 0.00
MODERN_LFGE___ 323580	50.49 0.25 0.00	47.58 0.75 0.00	45.08 -0.73 0.00	41.18 -1.10 0.00	41.83 -0.94 0.00	44.94 -1.06 0.00	46.98 -2.01 0.00	49.30 -2.43 0.00	52.77 -1.75 0.00	56.69 -0.63 0.00	58.25 0.06 0.00	65.94 -0.40 0.00	72.16 0.57 0.00	82.79 0.65 0.00	92.09 0.55 0.00	98.79 -1.61 0.00	125.05 -3.60 0.00	153.71 -6.41 0.00	175.60 -6.18 0.00	149.38 -5.74 0.00	110.29 -3.18 0.00	87.68 -1.70 0.00	71.68 0.14 0.00	63.02 0.75 0.00
MOHAWK_PAPER___DRP 24187	51.80 1.56 0.00	48.19 1.36 0.00	47.24 1.42 0.00	43.55 1.27 0.00	44.01 1.24 0.00	47.29 1.29 0.00	50.12 1.13 0.00	53.03 1.29 0.00	55.77 1.25 0.00	58.52 1.20 0.00	59.30 1.11 0.00	67.60 1.26 0.00	73.45 1.86 0.00	84.60 2.46 0.00	94.65 3.11 0.00	104.22 3.82 0.00	132.77 4.12 0.00	165.89 5.76 0.00	187.96 6.18 0.00	160.24 5.12 0.00	117.78 4.31 0.00	89.84 3.40 2.93	73.68 2.15 0.00	63.58 1.31 0.00
MOHICAN___35_KV_115KV_LD 80490	53.36 3.11 0.00	49.50 2.67 0.00	48.38 2.57 0.00	44.57 2.28 0.00	45.04 2.27 0.00	48.34 2.35 0.00	51.29 2.30 0.00	54.27 2.53 0.00	56.97 2.45 0.00	59.67 2.35 0.00	60.05 1.86 0.00	68.39 2.06 0.00	74.46 2.86 0.00	85.67 3.53 0.00	95.93 4.39 0.00	105.92 5.52 0.00	135.47 6.82 0.00	170.21 10.09 0.00	195.23 13.45 0.00	166.75 11.63 0.00	122.77 9.30 0.00	98.82 7.24 -2.20	76.47 4.94 0.00	65.88 3.61 0.00
MONGAUP___HYD 23641	53.00 2.76 0.00	49.40 2.57 0.00	48.29 2.47 0.00	44.52 2.24 0.00	44.95 2.18 0.00	48.39 2.39 0.00	51.44 2.45 0.00	54.32 2.59 0.00	56.97 2.46 0.00	59.67 2.35 0.00	60.46 2.27 0.00	68.99 2.66 0.00	74.96 3.37 0.00	86.33 4.19 0.00	96.75 5.21 0.00	106.83 6.43 0.00	136.24 7.59 0.00	169.25 9.12 0.00	190.32 8.55 0.00	164.11 8.99 0.00	121.29 7.82 0.00	95.10 5.73 0.00	75.18 3.65 0.00	64.94 2.68 0.00
MONTAUK___DIESEL 23721	55.72 5.48 0.00	52.45 5.62 0.00	51.09 5.27 0.00	47.02 4.74 0.00	47.26 4.49 0.00	50.60 4.60 0.00	53.69 4.70 0.00	56.03 4.29 0.00	58.33 4.20 0.39	59.81 4.81 2.32	64.59 6.40 0.00	74.06 7.89 0.17	80.42 8.88 0.05	92.32 10.51 0.33	103.91 12.72 0.35	116.26 15.86 0.00	146.16 17.50 -0.01	211.07 21.78 -29.17	210.76 21.27 -7.72	171.34 19.55 3.33	126.25 12.82 0.04	97.69 8.31 0.00	76.28 5.87 1.12	59.10 3.55 6.72
MOONROAD_115KV_HARTFLD_TB1-2 355988	52.60 2.36 0.00	50.01 3.18 0.00	47.79 1.97 0.00	43.68 1.40 0.00	44.01 1.24 0.00	47.38 1.38 0.00	50.02 1.03 0.00	52.77 1.03 0.00	56.26 1.74 0.00	60.53 3.21 0.00	62.26 4.07 0.00	70.58 4.25 0.00	77.89 6.30 0.00	89.61 7.47 0.00	99.41 7.87 0.00	106.52 6.12 0.00	134.70 6.05 0.00	165.25 5.12 0.00	189.05 7.27 0.00	160.86 5.74 0.00	118.68 5.22 0.00	94.11 4.74 0.00	76.26 4.72 0.00	66.69 4.42 0.00

MORRIS_RIDGE___SOLAR 323848	51.65 1.40 0.00	48.42 1.59 0.00	46.55 0.73 0.00	42.71 0.42 0.00	43.41 0.64 0.00	46.28 0.28 0.00	48.94 -0.05 0.00	51.43 -0.31 0.00	54.35 -0.16 0.00	58.01 0.69 0.00	59.35 1.16 0.00	67.40 1.06 0.00	73.74 2.15 0.00	84.77 2.63 0.00	94.38 2.84 0.00	101.51 1.11 0.00	128.91 0.26 0.00	159.19 -0.96 -0.03	182.43 0.55 -0.10	156.10 0.94 -0.04	115.51 2.04 0.00	91.79 2.41 0.00	74.47 2.93 0.00	64.82 2.55 0.00
MORTIMER_115KV_TB3 55949	51.25 1.00 0.00	48.42 1.59 0.00	46.64 0.82 0.00	42.66 0.38 0.00	42.94 0.17 0.00	46.37 0.37 0.00	48.80 -0.20 0.00	51.53 -0.21 0.00	54.74 0.22 0.00	58.29 0.97 0.00	59.70 1.51 0.00	68.00 1.66 0.00	74.31 2.72 0.00	85.10 2.96 0.00	94.83 3.30 0.00	102.91 2.51 0.00	130.71 2.06 0.00	161.40 1.28 0.00	184.32 2.54 0.00	156.83 1.71 0.00	115.17 1.70 0.00	91.52 2.15 0.00	73.54 2.00 0.00	64.26 1.99 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	53.51 3.27 0.00	49.83 3.00 0.00	48.66 2.84 0.00	44.95 2.66 0.00	45.38 2.61 0.00	48.71 2.71 0.00	51.88 2.89 0.00	55.05 3.31 0.00	57.90 3.38 0.00	60.75 3.44 0.00	61.62 3.43 0.00	70.45 4.11 0.00	76.60 5.01 0.00	88.38 6.24 0.00	99.14 7.60 0.00	109.74 9.34 0.00	139.07 10.42 0.00	172.77 12.65 0.00	194.68 12.91 0.00	165.51 10.39 0.00	121.63 8.17 0.00	95.10 5.72 0.00	75.33 3.79 0.00	64.70 2.43 0.00
MUNSVILLE_WIND_PWR 323609	55.56 5.32 0.00	51.61 4.78 0.00	50.12 4.31 0.00	46.17 3.89 0.00	46.70 3.93 0.00	50.78 4.78 0.00	53.74 4.75 0.00	56.81 5.07 0.00	59.48 4.96 0.00	62.30 4.98 0.00	62.90 4.71 0.00	71.65 5.31 0.00	77.82 6.23 0.00	90.60 8.46 0.00	101.52 9.98 0.00	110.94 10.54 0.00	142.28 13.63 0.00	178.12 17.93 -0.07	204.76 22.72 -0.26	176.15 20.93 -0.10	129.01 15.55 0.00	101.53 12.15 0.00	80.33 8.80 0.00	69.12 6.85 0.00
N SALMON___HYD 24042	49.44 -0.81 0.00	45.84 -0.99 0.00	44.94 -0.87 0.00	41.48 -0.80 0.00	41.87 -0.90 0.00	45.08 -0.92 0.00	48.60 -0.39 0.00	51.17 -0.57 0.00	54.08 -0.44 0.00	56.57 -0.75 0.00	57.38 -0.81 0.00	65.41 -0.93 0.00	69.87 -1.72 0.00	79.75 -2.38 0.00	88.15 -3.39 0.00	97.18 -3.22 0.00	126.34 -2.31 0.00	158.52 -1.60 0.00	180.14 -1.64 0.00	154.50 -0.62 0.00	111.87 -1.59 0.00	87.86 -1.52 0.00	70.53 -1.00 0.00	61.96 -0.31 0.00
N.AKRON__115KV_KNAPP 355671	51.70 1.46 0.00	49.26 2.44 0.00	47.10 1.28 0.00	42.66 0.38 0.00	42.86 0.09 0.00	46.23 0.23 0.00	48.50 -0.49 0.00	50.96 -0.78 0.00	54.30 -0.22 0.00	58.23 0.92 0.00	59.76 1.57 0.00	67.80 1.46 0.00	74.46 2.86 0.00	84.85 2.71 0.00	94.28 2.75 0.00	101.71 1.31 0.00	128.78 0.13 0.00	158.68 -1.44 0.00	181.96 0.18 0.00	154.65 -0.47 0.00	113.92 0.45 0.00	90.63 1.25 0.00	73.32 1.79 0.00	64.95 2.68 0.00
N.E_GEN_SANDY PD 24062	52.35 2.11 0.00	49.43 2.01 -0.59	47.20 1.97 0.59	44.10 1.82 0.00	44.44 1.67 0.00	47.06 1.89 0.82	51.63 1.81 -0.82	53.70 1.97 0.00	56.42 1.91 0.00	59.15 1.83 0.00	59.93 1.74 0.00	68.40 2.06 0.00	74.24 2.65 0.00	85.43 3.29 0.00	95.75 4.21 0.00	105.62 5.22 0.00	134.31 5.65 0.00	167.49 7.37 0.00	189.23 7.46 0.00	161.33 6.21 0.00	118.80 5.33 0.00	94.50 4.11 -1.01	74.04 2.50 0.00	63.83 1.56 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	53.00 2.76 0.00	49.36 2.53 0.00	48.15 2.34 0.00	44.52 2.24 0.00	44.99 2.22 0.00	48.30 2.30 0.00	51.39 2.40 0.00	54.48 2.74 0.00	57.30 2.78 0.00	60.18 2.87 0.00	61.10 2.91 0.00	69.79 3.45 0.00	75.82 4.22 0.00	87.48 5.34 0.00	98.04 6.50 0.00	108.23 7.83 0.00	137.53 8.88 0.00	170.85 10.73 0.00	192.68 10.91 0.00	163.96 8.84 0.00	120.50 7.03 0.00	94.47 5.09 0.00	74.83 3.29 0.00	64.32 2.05 0.00
N.QUEENS_27_KV_LOAD 356247	53.82 3.57 -0.01	50.26 3.42 -0.01	49.08 3.25 -0.01	45.34 3.04 -0.01	45.77 2.99 -0.01	48.99 2.99 0.00	52.18 3.18 0.00	55.25 3.52 0.00	57.79 3.27 0.00	60.58 3.27 0.00	61.56 3.38 0.00	70.45 4.11 0.00	76.53 4.94 0.00	88.55 6.41 0.00	99.50 7.96 0.00	110.25 9.84 -0.01	139.60 10.94 -0.01	174.65 13.13 -1.39	196.94 13.45 -1.71	167.09 10.70 -1.27	121.87 8.40 -0.01	95.28 5.90 -0.01	75.48 3.93 -0.01	64.89 2.62 -0.01
N.TROY___115KV_TB1 355778	52.35 2.11 0.00	48.70 1.87 0.00	47.70 1.88 0.00	43.97 1.69 0.00	44.44 1.67 0.00	47.75 1.75 0.00	50.66 1.67 0.00	53.60 1.86 0.00	56.32 1.80 0.00	59.04 1.72 0.00	59.76 1.57 0.00	68.13 1.79 0.00	74.03 2.43 0.00	85.18 3.04 0.00	95.38 3.84 0.00	105.02 4.62 0.00	133.93 5.27 0.00	167.33 7.21 0.00	189.78 8.00 0.00	161.94 6.83 0.00	119.14 5.67 0.00	99.31 4.47 -5.46	74.47 2.93 0.00	64.26 1.99 0.00
NARROWS_GT1_1 24228	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.53 4.94 0.00	88.30 6.16 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.30 0.01	172.61 12.50 0.01	194.30 12.53 0.01	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.17 3.65 0.01	64.69 2.43 0.00
NARROWS_GT1_2 24229	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.53 4.94 0.00	88.30 6.16 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.30 0.01	172.61 12.50 0.01	194.30 12.53 0.01	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.17 3.65 0.01	64.69 2.43 0.00
NARROWS_GT1_3 24230	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.53 4.94 0.00	88.30 6.16 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.30 0.01	172.61 12.50 0.01	194.30 12.53 0.01	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.17 3.65 0.01	64.69 2.43 0.00
NARROWS_GT1_4 24231	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.53 4.94 0.00	88.30 6.16 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.30 0.01	172.61 12.50 0.01	194.30 12.53 0.01	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.17 3.65 0.01	64.69 2.43 0.00
NARROWS_GT1_5 24232	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.53 4.94 0.00	88.30 6.16 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.30 0.01	172.61 12.50 0.01	194.30 12.53 0.01	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.17 3.65 0.01	64.69 2.43 0.00

NARROWS_GT1_6 24233	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.53 4.94 0.00	88.30 6.16 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.30 0.01	172.61 12.50 0.01	194.30 12.53 0.01	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.17 3.65 0.01	64.69 2.43 0.00
NARROWS_GT1_7 24234	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.53 4.94 0.00	88.30 6.16 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.30 0.01	172.61 12.50 0.01	194.30 12.53 0.01	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.17 3.65 0.01	64.69 2.43 0.00
NARROWS_GT1_8 24235	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.44 4.11 0.01	76.53 4.94 0.00	88.30 6.16 0.00	99.22 7.69 0.01	110.13 9.74 0.01	138.94 10.30 0.01	172.61 12.50 0.01	194.30 12.53 0.01	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.17 3.65 0.01	64.69 2.43 0.00
NARROWS_GT2_1 24236	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.46 4.11 0.00	76.53 4.94 0.00	88.30 6.16 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.30 0.00	172.62 12.50 0.00	194.31 12.53 0.00	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.19 3.65 0.00	64.69 2.43 0.00
NARROWS_GT2_2 24237	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.46 4.11 0.00	76.53 4.94 0.00	88.30 6.16 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.30 0.00	172.62 12.50 0.00	194.31 12.53 0.00	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.19 3.65 0.00	64.69 2.43 0.00
NARROWS_GT2_3 24238	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.46 4.11 0.00	76.53 4.94 0.00	88.30 6.16 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.30 0.00	172.62 12.50 0.00	194.31 12.53 0.00	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.19 3.65 0.00	64.69 2.43 0.00
NARROWS_GT2_4 24239	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.46 4.11 0.00	76.53 4.94 0.00	88.30 6.16 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.30 0.00	172.62 12.50 0.00	194.31 12.53 0.00	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.19 3.65 0.00	64.69 2.43 0.00
NARROWS_GT2_5 24240	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.46 4.11 0.00	76.53 4.94 0.00	88.30 6.16 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.30 0.00	172.62 12.50 0.00	194.31 12.53 0.00	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.19 3.65 0.00	64.69 2.43 0.00
NARROWS_GT2_6 24241	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.46 4.11 0.00	76.53 4.94 0.00	88.30 6.16 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.30 0.00	172.62 12.50 0.00	194.31 12.53 0.00	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.19 3.65 0.00	64.69 2.43 0.00
NARROWS_GT2_7 24242	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.46 4.11 0.00	76.53 4.94 0.00	88.30 6.16 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.30 0.00	172.62 12.50 0.00	194.31 12.53 0.00	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.19 3.65 0.00	64.69 2.43 0.00
NARROWS_GT2_8 24243	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.46 4.11 0.00	76.53 4.94 0.00	88.30 6.16 0.00	99.23 7.69 0.00	110.14 9.74 0.00	138.95 10.30 0.00	172.62 12.50 0.00	194.31 12.53 0.00	165.05 9.94 0.01	121.28 7.82 0.01	94.64 5.27 0.01	75.19 3.65 0.00	64.69 2.43 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	51.70 1.46 0.00	48.00 1.17 0.00	47.10 1.28 0.00	43.42 1.14 0.00	43.84 1.07 0.00	47.15 1.15 0.00	50.07 1.08 0.00	52.80 1.09 0.02	50.83 1.31 4.99	52.41 1.03 5.94	54.56 0.87 4.50	59.88 0.93 7.39	63.59 1.36 9.36	70.97 1.97 13.14	77.38 2.47 16.63	101.21 3.31 2.51	120.12 3.73 12.26	142.70 6.08 23.51	158.35 7.63 31.06	140.53 6.98 21.57	112.02 5.56 7.00	91.99 4.29 1.68	73.75 2.22 0.00	63.82 1.56 0.00
NCHELSEA_115KV_TR2 355582	53.51 3.27 0.00	49.78 2.95 0.00	48.70 2.89 0.00	44.95 2.66 0.00	45.38 2.61 0.00	48.80 2.81 0.00	51.98 2.99 0.00	54.99 3.26 0.00	57.79 3.27 0.00	60.70 3.38 0.00	61.62 3.43 0.00	70.32 3.98 0.00	76.46 4.87 0.00	88.22 6.08 0.00	98.86 7.32 0.00	109.34 8.94 0.00	138.95 10.29 0.00	173.25 13.13 0.00	195.77 14.00 0.00	166.75 11.63 0.00	122.43 8.96 0.00	95.90 6.52 0.00	75.83 4.29 0.00	65.32 3.05 0.00
NEG CAPITAL____MECHNVIL 23645	53.26 3.01 0.00	49.54 2.72 0.00	48.43 2.61 0.00	44.65 2.37 0.00	45.08 2.31 0.00	48.43 2.44 0.00	51.39 2.40 0.00	54.32 2.59 0.00	57.08 2.56 0.00	59.84 2.52 0.00	60.52 2.33 0.00	68.99 2.66 0.00	75.03 3.44 0.00	86.33 4.19 0.00	96.66 5.12 0.00	106.63 6.23 0.00	136.11 7.46 0.00	170.53 10.40 0.00	194.14 12.37 0.00	165.67 10.55 0.00	121.86 8.40 0.00	99.15 6.52 -3.25	76.05 4.51 0.00	65.63 3.36 0.00
NEG CENTRAL_HIGH_ACRES 23767	50.39 0.15 0.00	47.11 0.28 0.00	45.59 -0.23 0.00	41.73 -0.55 0.00	42.30 -0.47 0.00	45.31 -0.69 0.00	48.06 -0.93 0.00	50.85 -0.88 0.00	54.03 -0.49 0.00	57.49 0.17 0.00	58.77 0.58 0.00	67.00 0.66 0.00	72.95 1.36 0.00	83.87 1.73 0.00	93.55 2.01 0.00	101.61 1.21 0.00	129.30 0.65 0.00	159.80 -0.32 0.00	182.51 0.73 0.00	155.27 0.16 0.00	113.92 0.46 0.00	90.36 0.98 0.00	72.61 1.07 0.00	63.08 0.81 0.00

NEG CENTRAL___DRP 24199	51.45 1.21 0.00	48.19 1.36 0.00	46.69 0.87 0.00	42.96 0.68 0.00	43.37 0.60 0.00	46.73 0.74 0.00	49.48 0.49 0.00	52.30 0.57 0.00	55.23 0.71 0.00	58.41 1.09 0.00	59.59 1.40 0.00	67.86 1.53 0.00	73.88 2.29 0.00	85.01 2.87 0.00	94.56 3.02 0.00	102.81 2.41 0.00	131.10 2.44 0.00	162.27 2.08 -0.06	185.85 3.82 -0.25	158.32 3.10 -0.10	116.19 2.72 0.00	92.15 2.77 0.00	73.90 2.36 0.00	64.01 1.74 0.00
NEG CENTRAL___INDECK 23768	52.00 1.76 0.00	48.61 1.78 0.00	46.78 0.96 0.00	42.79 0.51 0.00	43.41 0.64 0.00	46.55 0.55 0.00	49.24 0.25 0.00	51.89 0.16 0.00	54.52 0.00 0.00	57.72 0.40 0.00	58.83 0.64 0.00	66.93 0.60 0.00	73.02 1.43 0.00	81.40 -0.74 0.00	90.90 -0.64 0.00	98.60 -1.80 0.00	125.57 -3.09 0.00	154.99 -5.13 0.00	179.41 -2.37 0.00	154.50 -0.62 0.00	114.48 1.02 0.00	91.16 1.79 0.00	75.40 3.86 0.00	65.26 2.99 0.00
NEG CENTRAL___SENECA 23627	52.00 1.76 0.00	48.80 1.97 0.00	47.15 1.33 0.00	43.34 1.06 0.00	43.75 0.98 0.00	47.15 1.15 0.00	49.87 0.88 0.00	52.72 0.98 0.00	55.55 1.04 0.00	58.92 1.60 0.00	60.11 1.92 0.00	68.39 2.06 0.00	74.60 3.01 0.00	85.84 3.70 0.00	95.20 3.66 0.00	103.21 2.81 0.00	131.48 2.83 0.00	162.72 2.56 -0.04	186.47 4.54 -0.15	158.90 3.72 -0.06	116.75 3.29 0.00	92.86 3.49 0.00	74.61 3.08 0.00	64.70 2.43 0.00
NEG CENTRAL___STATE_STREET 24147	51.10 0.85 0.00	47.77 0.94 0.00	46.41 0.60 0.00	42.71 0.42 0.00	43.16 0.38 0.00	46.46 0.46 0.00	49.24 0.24 0.00	52.10 0.36 0.00	55.01 0.49 0.00	58.12 0.80 0.00	59.24 1.05 0.00	67.47 1.13 0.00	73.38 1.79 0.00	84.44 2.30 0.00	94.38 2.84 0.00	102.81 2.41 0.00	131.23 2.57 0.00	162.76 2.56 -0.08	186.09 4.00 -0.31	158.65 3.41 -0.12	116.41 2.95 0.00	91.97 2.59 0.00	73.47 1.93 0.00	63.58 1.31 0.00
NEG MILLWOOD___DRP 24198	53.71 3.47 0.00	49.92 3.09 0.00	48.75 2.93 0.00	45.03 2.75 0.00	45.46 2.69 0.00	48.94 2.94 0.00	52.22 3.23 0.00	55.20 3.47 0.00	57.95 3.43 0.00	60.87 3.55 0.00	61.80 3.61 0.00	70.65 4.31 0.00	76.96 5.37 0.00	88.87 6.74 0.00	99.68 8.15 0.00	110.24 9.84 0.00	139.85 11.19 0.00	174.37 14.25 0.00	196.86 15.09 0.00	167.68 12.56 0.00	122.88 9.42 0.00	96.26 6.88 0.00	76.11 4.58 0.00	65.38 3.11 0.00
NEG NORTH_FLCN_SEA 23793	48.28 -1.96 0.00	45.10 -1.73 0.00	44.17 -1.65 0.00	40.76 -1.52 0.00	41.27 -1.50 0.00	44.48 -1.52 0.00	47.62 -1.37 0.00	50.18 -1.55 0.00	53.10 -1.42 0.00	55.71 -1.60 0.00	56.62 -1.57 0.00	64.55 -1.79 0.00	68.94 -2.65 0.00	78.61 -3.53 0.00	86.96 -4.58 0.00	95.78 -4.62 0.00	124.41 -4.25 0.00	155.96 -4.16 0.00	177.05 -4.73 0.00	151.55 -3.57 0.00	109.95 -3.52 0.00	86.34 -3.04 0.00	69.32 -2.22 0.00	60.77 -1.49 0.00
NEG NORTH_KES_CHATEGAY 23792	48.73 -1.51 0.00	45.28 -1.55 0.00	44.35 -1.47 0.00	40.93 -1.35 0.00	41.44 -1.33 0.00	44.66 -1.33 0.00	48.06 -0.93 0.00	50.65 -1.09 0.00	53.54 -0.98 0.00	56.17 -1.15 0.00	57.03 -1.16 0.00	65.01 -1.33 0.00	69.37 -2.22 0.00	79.02 -3.12 0.00	87.51 -4.03 0.00	96.38 -4.02 0.00	125.18 -3.47 0.00	156.76 -3.36 0.00	178.14 -3.64 0.00	152.64 -2.48 0.00	110.74 -2.72 0.00	86.96 -2.41 0.00	69.89 -1.65 0.00	61.33 -0.93 0.00
NEG NORTH___ALICE_FALLS 23915	48.73 -1.51 0.00	45.33 -1.50 0.00	44.44 -1.37 0.00	41.01 -1.27 0.00	41.53 -1.24 0.00	44.71 -1.29 0.00	48.01 -0.98 0.00	50.60 -1.14 0.00	53.54 -0.98 0.00	56.11 -1.20 0.00	57.03 -1.16 0.00	65.01 -1.33 0.00	69.52 -2.08 0.00	79.18 -2.96 0.00	87.69 -3.84 0.00	96.59 -3.82 0.00	125.57 -3.09 0.00	157.40 -2.72 0.00	178.69 -3.09 0.00	153.10 -2.02 0.00	111.08 -2.38 0.00	87.14 -2.23 0.00	69.96 -1.57 0.00	61.33 -0.93 0.00
NEG NORTH___LWR_SARANAC 23913	48.73 -1.51 0.00	45.33 -1.50 0.00	44.44 -1.37 0.00	41.01 -1.27 0.00	41.53 -1.24 0.00	44.71 -1.29 0.00	48.01 -0.98 0.00	50.60 -1.14 0.00	53.54 -0.98 0.00	56.11 -1.20 0.00	57.03 -1.16 0.00	65.01 -1.33 0.00	69.52 -2.08 0.00	79.18 -2.96 0.00	87.69 -3.84 0.00	96.59 -3.82 0.00	125.57 -3.09 0.00	157.40 -2.72 0.00	178.69 -3.09 0.00	153.10 -2.02 0.00	111.08 -2.38 0.00	87.14 -2.23 0.00	69.96 -1.57 0.00	61.33 -0.93 0.00
NEG NORTH___PLATTSBURG 23628	48.74 -1.51 0.00	45.38 -1.45 0.00	44.49 -1.33 0.00	41.02 -1.27 0.00	41.53 -1.24 0.00	44.76 -1.24 0.00	48.01 -0.98 0.00	50.60 -1.14 0.00	53.54 -0.98 0.00	56.11 -1.21 0.00	57.03 -1.16 0.00	65.01 -1.33 0.00	69.51 -2.08 0.00	79.26 -2.88 0.00	87.70 -3.84 0.00	96.59 -3.82 0.00	125.57 -3.09 0.00	157.40 -2.72 0.00	178.69 -3.09 0.00	153.10 -2.02 0.00	111.08 -2.39 0.00	87.15 -2.23 0.00	69.96 -1.57 0.00	61.34 -0.93 0.00
NEG WEST_LEA_LOCKPORT 23791	50.54 0.30 0.00	48.28 1.45 0.00	46.14 0.32 0.00	41.86 -0.42 0.00	42.04 -0.73 0.00	45.26 -0.74 0.00	47.47 -1.52 0.00	49.77 -1.97 0.00	53.05 -1.47 0.00	56.97 -0.34 0.00	58.60 0.41 0.00	66.27 -0.07 0.00	72.81 1.22 0.00	83.37 1.23 0.00	92.45 0.92 0.00	99.40 -1.00 0.00	125.57 -3.09 0.00	154.36 -5.76 0.00	176.51 -5.27 0.00	150.16 -4.96 0.00	110.85 -2.61 0.00	88.13 -1.25 0.00	71.68 0.14 0.00	63.39 1.12 0.00
NEG WEST___LANCASTR 23811	50.69 0.45 0.00	48.23 1.40 0.00	46.05 0.23 0.00	42.11 -0.17 0.00	42.47 -0.30 0.00	45.58 -0.41 0.00	48.11 -0.88 0.00	51.01 -0.72 0.00	54.30 -0.22 0.00	58.29 0.97 0.00	59.99 1.80 0.00	67.93 1.59 0.00	74.67 3.08 0.00	85.84 3.70 0.00	95.38 3.84 0.00	102.31 1.91 0.00	129.43 0.77 0.00	159.00 -1.12 0.00	181.60 -0.18 0.00	154.50 -0.62 0.00	114.03 0.57 0.00	90.63 1.25 0.00	73.40 1.86 0.00	64.01 1.74 0.00
NEG_PENN_ALLEGHNY 23528	51.60 1.36 0.00	48.19 1.36 0.00	46.87 1.05 0.00	43.21 0.93 0.00	43.75 0.98 0.00	46.92 0.92 0.00	49.77 0.78 0.00	52.72 0.98 0.00	55.72 1.20 0.00	58.86 1.55 0.00	59.93 1.74 0.00	68.26 1.93 0.00	74.17 2.57 0.00	85.43 3.29 0.00	95.47 3.93 0.00	103.71 3.31 0.00	132.13 3.47 0.00	163.70 3.52 -0.06	186.74 4.72 -0.25	159.10 3.88 -0.10	116.98 3.52 0.00	92.50 3.13 0.00	74.04 2.50 0.00	64.13 1.87 0.00
NEG___GEN_MONROE 24207	51.55 1.31 0.00	48.75 1.92 0.00	46.82 1.01 0.00	42.79 0.51 0.00	43.03 0.26 0.00	46.50 0.51 0.00	48.99 0.00 0.00	51.58 -0.16 0.00	54.79 0.27 0.00	58.41 1.09 0.00	59.82 1.63 0.00	68.06 1.72 0.00	74.46 2.86 0.00	85.10 2.96 0.00	94.92 3.39 0.00	102.91 2.51 0.00	130.46 1.80 0.00	160.92 0.80 0.00	184.32 2.54 0.00	157.14 2.02 0.00	115.62 2.16 0.00	91.88 2.50 0.00	73.90 2.36 0.00	64.95 2.68 0.00
NEPA___ENERGY 23901	50.39 0.15 0.00	47.86 1.03 0.00	45.77 -0.05 0.00	42.03 -0.25 0.00	42.43 -0.34 0.00	45.49 -0.51 0.00	48.06 -0.93 0.00	50.75 -0.98 0.00	53.97 -0.55 0.00	57.66 0.34 0.00	59.12 0.93 0.00	67.00 0.66 0.00	75.67 4.08 0.00	86.90 4.76 0.00	96.57 5.03 0.00	103.51 3.11 0.00	130.97 2.32 0.00	160.92 0.80 0.00	183.60 1.82 0.00	156.21 1.09 0.00	115.62 2.16 0.00	91.97 2.59 0.00	74.47 2.93 0.00	65.26 2.99 0.00

NEVERSINK___HYD 23608	52.75 2.51 0.00	49.17 2.34 0.00	48.06 2.24 0.00	44.35 2.07 0.00	44.74 1.97 0.00	48.21 2.21 0.00	51.25 2.25 0.00	54.22 2.48 0.00	56.58 2.46 0.40	59.31 2.46 0.47	60.22 2.39 0.36	68.54 2.79 0.59	74.29 3.44 0.74	85.37 4.27 1.04	95.62 5.40 1.32	106.83 6.62 0.20	135.53 7.85 0.97	168.36 10.09 1.86	190.22 10.91 2.46	162.87 9.46 1.71	120.18 7.27 0.55	94.65 5.27 0.00	74.90 3.36 0.00	64.63 2.37 0.00
NEWKRMKL_115KV_TB1 55635	51.15 0.90 0.00	47.53 0.70 0.00	46.60 0.78 0.00	43.00 0.72 0.00	43.45 0.68 0.00	46.64 0.64 0.00	49.48 0.49 0.00	52.36 0.62 0.00	55.06 0.55 0.00	57.77 0.46 0.00	58.60 0.41 0.00	66.87 0.53 0.00	72.60 1.00 0.00	83.62 1.48 0.00	93.55 2.01 0.00	102.91 2.51 0.00	131.10 2.44 0.00	163.65 3.52 0.00	185.41 3.64 0.00	157.91 2.79 0.00	116.07 2.61 0.00	88.95 2.06 2.49	72.68 1.14 0.00	62.70 0.44 0.00
NEWTON___FALLS_HYD 23847	50.69 0.45 0.00	47.06 0.23 0.00	46.05 0.23 0.00	42.71 0.42 0.00	42.98 0.21 0.00	46.37 0.37 0.00	49.63 0.64 0.00	52.20 0.47 0.00	54.79 0.27 0.00	57.09 -0.23 0.00	57.55 -0.64 0.00	65.54 -0.80 0.00	70.45 -1.15 0.00	80.99 -1.15 0.00	89.98 -1.56 0.00	98.89 -1.51 0.00	127.75 -0.90 0.00	160.48 0.32 -0.04	183.38 1.45 -0.15	157.97 2.79 -0.06	114.48 1.02 0.00	90.36 0.98 0.00	71.97 0.43 0.00	62.95 0.68 0.00
NGRID_A1_DSASP 323792	49.59 -0.65 0.00	46.74 -0.09 0.00	45.50 -0.32 0.00	41.60 -0.68 0.00	42.30 -0.47 0.00	44.16 -1.84 0.00	46.59 -2.40 0.00	48.99 -2.74 0.00	52.45 -2.07 0.00	56.34 -0.97 0.00	57.90 -0.29 0.00	65.55 -0.79 0.00	71.66 0.07 0.00	82.22 0.08 0.00	91.35 -0.18 0.00	98.10 -2.31 0.00	123.90 -4.76 0.00	152.28 -7.84 0.00	173.78 -7.99 0.00	147.99 -7.13 0.00	109.27 -4.20 0.00	86.88 -2.50 0.00	71.04 -0.50 0.00	62.58 0.31 0.00
NGRID_A2_DSASP 323793	49.59 -0.65 0.00	46.74 -0.09 0.00	45.50 -0.32 0.00	41.60 -0.68 0.00	42.30 -0.47 0.00	44.16 -1.84 0.00	46.59 -2.40 0.00	48.99 -2.74 0.00	52.45 -2.07 0.00	56.34 -0.97 0.00	57.90 -0.29 0.00	65.55 -0.79 0.00	71.66 0.07 0.00	82.22 0.08 0.00	91.35 -0.18 0.00	98.10 -2.31 0.00	123.90 -4.76 0.00	152.28 -7.84 0.00	173.78 -7.99 0.00	147.99 -7.13 0.00	109.27 -4.20 0.00	86.88 -2.50 0.00	71.04 -0.50 0.00	62.58 0.31 0.00
NGRID_A4_DSASP 323807	49.59 -0.65 0.00	46.74 -0.09 0.00	45.50 -0.32 0.00	41.60 -0.68 0.00	42.30 -0.47 0.00	44.16 -1.84 0.00	46.59 -2.40 0.00	48.99 -2.74 0.00	52.45 -2.07 0.00	56.34 -0.97 0.00	57.90 -0.29 0.00	65.55 -0.79 0.00	71.66 0.07 0.00	82.22 0.08 0.00	91.35 -0.18 0.00	98.10 -2.31 0.00	123.90 -4.76 0.00	152.28 -7.84 0.00	173.78 -7.99 0.00	147.99 -7.13 0.00	109.27 -4.20 0.00	86.88 -2.50 0.00	71.04 -0.50 0.00	62.58 0.31 0.00
NIAGARA_115E_LBMP 323715	50.34 0.10 0.00	47.44 0.61 0.00	44.90 -0.92 0.00	41.02 -1.27 0.00	41.66 -1.11 0.00	44.85 -1.15 0.00	46.79 -2.20 0.00	49.10 -2.64 0.00	52.50 -2.02 0.00	56.46 -0.86 0.00	58.02 -0.17 0.00	65.61 -0.73 0.00	71.88 0.29 0.00	82.47 0.33 0.00	91.63 0.09 0.00	98.39 -2.01 0.00	124.41 -4.24 0.00	152.92 -7.20 0.00	174.69 -7.09 0.00	148.61 -6.51 0.00	109.72 -3.74 0.00	87.23 -2.15 0.00	71.32 -0.21 0.00	62.71 0.44 0.00
NIAGARA_115W_LBMP 323714	49.44 -0.81 0.00	46.64 -0.19 0.00	45.45 -0.37 0.00	41.56 -0.72 0.00	42.21 -0.56 0.00	44.02 -1.98 0.00	46.44 -2.55 0.00	48.84 -2.90 0.00	52.28 -2.24 0.00	56.17 -1.15 0.00	57.72 -0.47 0.00	65.34 -0.99 0.00	71.45 -0.14 0.00	81.97 -0.16 0.00	91.08 -0.46 0.00	97.79 -2.61 0.00	123.50 -5.15 0.00	151.79 -8.33 0.00	173.42 -8.36 0.00	147.52 -7.60 0.00	108.92 -4.54 0.00	86.61 -2.77 0.00	70.82 -0.72 0.00	62.39 0.12 0.00
NIAGARA_230_LBMP 323716	50.14 -0.10 0.00	47.25 0.42 0.00	45.36 -0.46 0.00	41.44 -0.85 0.00	42.13 -0.64 0.00	44.66 -1.34 0.00	47.13 -1.86 0.00	49.56 -2.17 0.00	52.99 -1.53 0.00	56.92 -0.40 0.00	58.48 0.29 0.00	66.21 -0.13 0.00	72.46 0.86 0.00	83.13 0.99 0.00	92.45 0.92 0.00	99.20 -1.20 0.00	125.44 -3.21 0.00	154.20 -5.92 0.00	175.95 -5.82 0.00	149.84 -5.27 0.00	110.63 -2.83 0.00	88.04 -1.34 0.00	71.90 0.36 0.00	63.20 0.94 0.00
NIAGARA___115KV_198_GIBSON 55903	49.44 -0.80 0.00	47.34 0.52 0.00	45.27 -0.55 0.00	42.07 -0.21 0.00	42.21 -0.56 0.00	45.40 -0.60 0.00	46.74 -2.25 0.00	49.04 -2.69 0.00	52.28 -2.24 0.00	56.17 -1.15 0.00	57.72 -0.47 0.00	65.34 -1.00 0.00	71.66 0.07 0.00	82.06 -0.08 0.00	91.08 -0.46 0.00	97.79 -2.61 0.00	123.51 -5.15 0.00	151.80 -8.33 0.00	173.42 -8.36 0.00	147.52 -7.60 0.00	108.92 -4.54 0.00	86.61 -2.77 0.00	70.53 -1.00 0.00	62.39 0.12 0.00
NIAGARA____ 23760	50.14 -0.10 0.00	47.25 0.42 0.00	45.36 -0.46 0.00	41.44 -0.85 0.00	42.13 -0.64 0.00	44.66 -1.34 0.00	47.13 -1.86 0.00	49.56 -2.17 0.00	52.99 -1.53 0.00	56.92 -0.40 0.00	58.48 0.29 0.00	66.21 -0.13 0.00	72.46 0.86 0.00	83.13 0.99 0.00	92.45 0.92 0.00	99.20 -1.20 0.00	125.44 -3.21 0.00	154.20 -5.92 0.00	175.95 -5.82 0.00	149.84 -5.27 0.00	110.63 -2.83 0.00	88.04 -1.34 0.00	71.90 0.36 0.00	63.20 0.94 0.00
NINE_MILE_1 23575	49.14 -1.11 0.00	45.84 -0.99 0.00	44.72 -1.10 0.00	41.23 -1.06 0.00	41.70 -1.07 0.00	44.80 -1.20 0.00	47.57 -1.42 0.00	50.29 -1.45 0.00	53.10 -1.42 0.00	56.00 -1.32 0.00	56.91 -1.28 0.00	64.82 -1.52 0.00	70.31 -1.29 0.00	80.74 -1.40 0.00	90.17 -1.37 0.00	98.60 -1.80 0.00	125.82 -2.83 0.00	155.24 -4.00 0.89	174.08 -4.17 3.52	150.16 -3.56 1.39	111.08 -2.39 0.00	87.77 -1.61 0.00	70.17 -1.36 0.00	60.90 -1.37 0.00
NINE_MILE_2 23744	49.14 -1.11 0.00	45.84 -0.99 0.00	44.72 -1.10 0.00	41.23 -1.06 0.00	41.70 -1.07 0.00	44.80 -1.20 0.00	47.57 -1.42 0.00	50.29 -1.45 0.00	53.10 -1.42 0.00	56.00 -1.32 0.00	56.91 -1.28 0.00	64.82 -1.52 0.00	70.31 -1.29 0.00	80.74 -1.40 0.00	90.17 -1.37 0.00	98.60 -1.80 0.00	125.82 -2.83 0.00	155.23 -4.00 0.90	174.03 -4.17 3.58	150.14 -3.56 1.41	111.08 -2.39 0.00	87.77 -1.61 0.00	70.17 -1.36 0.00	60.90 -1.37 0.00
NM_CAPITAL___DRP 24208	51.25 1.00 0.00	47.67 0.84 0.00	46.73 0.92 0.00	43.13 0.85 0.00	43.58 0.81 0.00	46.83 0.83 0.00	49.63 0.64 0.00	52.51 0.78 0.00	55.23 0.71 0.00	57.95 0.63 0.00	58.77 0.58 0.00	67.00 0.66 0.00	72.74 1.15 0.00	83.78 1.64 0.00	93.73 2.20 0.00	103.21 2.81 0.00	131.36 2.70 0.00	163.97 3.84 0.00	185.59 3.82 0.00	158.22 3.10 0.00	116.30 2.84 0.00	88.50 2.23 3.11	72.82 1.29 0.00	62.83 0.56 0.00
NM_CENTRAL___DRP 24181	50.19 -0.05 0.00	46.88 0.05 0.00	45.68 -0.14 0.00	42.11 -0.17 0.00	42.51 -0.26 0.00	45.77 -0.23 0.00	48.50 -0.49 0.00	51.37 -0.36 0.00	54.25 -0.27 0.00	57.26 -0.06 0.00	58.31 0.12 0.00	66.40 0.07 0.00	72.17 0.57 0.00	83.04 0.90 0.00	92.73 1.19 0.00	101.20 0.80 0.00	129.04 0.39 0.00	159.99 -0.16 -0.03	182.26 0.36 -0.12	155.48 0.31 -0.05	114.03 0.57 0.00	90.00 0.63 0.00	71.89 0.36 0.00	62.27 0.00 0.00

NM_FRONTIER___DRP 24179	49.44 -0.80 0.00	47.34 0.52 0.00	45.27 -0.55 0.00	42.07 -0.21 0.00	42.21 -0.56 0.00	45.40 -0.60 0.00	46.74 -2.25 0.00	49.04 -2.69 0.00	52.28 -2.24 0.00	56.17 -1.15 0.00	57.72 -0.47 0.00	65.34 -1.00 0.00	71.66 0.07 0.00	82.06 -0.08 0.00	91.08 -0.46 0.00	97.79 -2.61 0.00	123.51 -5.15 0.00	151.80 -8.33 0.00	173.42 -8.36 0.00	147.52 -7.60 0.00	108.92 -4.54 0.00	86.61 -2.77 0.00	70.53 -1.00 0.00	62.39 0.12 0.00
NM_ST_REGIS___HYD 24053	49.74 -0.50 0.00	46.08 -0.75 0.00	45.18 -0.64 0.00	41.78 -0.51 0.00	41.96 -0.81 0.00	45.03 -0.97 0.00	48.55 -0.44 0.00	51.01 -0.72 0.00	53.75 -0.76 0.00	55.94 -1.38 0.00	56.44 -1.75 0.00	64.35 -1.99 0.00	68.66 -2.94 0.00	78.36 -3.78 0.00	86.78 -4.76 0.00	95.58 -4.82 0.00	124.41 -4.25 0.00	156.12 -4.00 0.00	177.60 -4.18 0.00	152.48 -2.64 0.00	110.40 -3.06 0.00	86.79 -2.59 0.00	69.89 -1.65 0.00	61.83 -0.44 0.00
NORTHPORT___1 23551	53.46 3.22 0.00	50.81 3.98 0.00	49.57 3.76 0.00	45.67 3.38 0.00	45.68 2.91 0.00	49.49 3.49 0.00	52.47 3.48 0.00	54.32 2.59 0.00	55.38 1.25 0.39	55.99 1.03 2.36	59.93 1.74 0.00	65.93 2.26 2.66	73.75 2.87 0.71	80.91 3.29 4.52	91.55 4.76 4.74	107.73 7.33 0.00	121.60 8.75 15.81	147.19 11.04 23.97	147.19 10.17 44.76	134.19 7.60 28.53	117.83 4.88 0.51	91.97 2.59 0.00	70.67 0.29 1.15	55.38 0.00 6.89
NORTHPORT___2 23552	53.46 3.22 0.00	50.81 3.98 0.00	49.57 3.76 0.00	45.67 3.38 0.00	45.68 2.91 0.00	49.49 3.49 0.00	52.47 3.48 0.00	54.32 2.59 0.00	55.38 1.25 0.39	55.99 1.03 2.36	59.93 1.74 0.00	65.93 2.26 2.66	73.75 2.87 0.71	80.91 3.29 4.52	91.55 4.76 4.74	107.73 7.33 0.00	121.60 8.75 15.81	147.19 11.04 23.97	147.19 10.17 44.76	134.19 7.60 28.53	117.83 4.88 0.51	91.97 2.59 0.00	70.67 0.29 1.15	55.38 0.00 6.89
NORTHPORT___3 23553	52.90 2.66 0.00	50.25 3.42 0.00	49.02 3.21 0.00	45.20 2.92 0.00	45.25 2.48 0.00	48.94 2.95 0.00	51.88 2.89 0.00	53.70 1.97 0.00	54.99 0.87 0.40	55.76 0.80 2.35	59.52 1.34 0.01	65.60 1.93 2.67	73.45 2.57 0.72	80.73 3.12 4.53	91.36 4.57 4.75	107.22 6.83 0.01	120.74 7.98 15.90	146.02 10.09 24.20	145.69 9.09 45.17	132.95 6.67 28.83	117.37 4.42 0.52	91.69 2.32 0.01	70.38 0.00 1.15	55.15 -0.25 6.87
NORTHPORT___4 23650	52.90 2.66 0.00	50.25 3.42 0.00	49.02 3.21 0.00	45.20 2.92 0.00	45.25 2.48 0.00	48.94 2.95 0.00	51.88 2.89 0.00	53.70 1.97 0.00	54.99 0.87 0.40	55.76 0.80 2.35	59.52 1.34 0.01	65.60 1.93 2.67	73.45 2.57 0.72	80.73 3.12 4.53	91.36 4.57 4.75	107.22 6.83 0.01	120.74 7.98 15.90	146.02 10.09 24.20	145.69 9.09 45.17	132.95 6.67 28.83	117.37 4.42 0.52	91.69 2.32 0.01	70.38 0.00 1.15	55.15 -0.25 6.87
NORTHPORT___IC 23718	53.51 3.27 0.00	50.62 3.79 0.00	49.30 3.48 0.00	45.37 3.09 0.00	45.64 2.87 0.00	48.85 2.85 0.00	51.73 2.74 0.00	53.60 1.86 0.00	55.38 1.25 0.39	55.99 1.03 2.36	59.94 1.75 0.00	65.93 2.26 2.66	73.60 2.72 0.71	80.98 3.37 4.52	91.56 4.76 4.74	107.73 7.33 0.00	121.59 8.75 15.81	147.20 11.05 23.97	147.20 10.18 44.76	134.19 7.60 28.53	117.83 4.88 0.51	91.97 2.59 0.00	72.32 1.93 1.15	55.38 0.00 6.89
NORTH___COUNTRY_ESR 323785	48.63 -1.61 0.00	45.24 -1.59 0.00	44.31 -1.51 0.00	40.89 -1.39 0.00	41.40 -1.37 0.00	44.62 -1.38 0.00	47.96 -1.03 0.00	50.60 -1.14 0.00	53.48 -1.04 0.00	56.11 -1.21 0.00	57.03 -1.16 0.00	65.01 -1.33 0.00	69.37 -2.22 0.00	79.10 -3.04 0.00	87.51 -4.03 0.00	96.38 -4.02 0.00	125.05 -3.60 0.00	156.60 -3.52 0.00	177.95 -3.83 0.00	152.17 -2.95 0.00	110.41 -3.06 0.00	86.70 -2.68 0.00	69.75 -1.79 0.00	61.21 -1.06 0.00
NPX_GEN_1385_PROXY 323591	53.46 3.22 0.00	51.40 3.98 -0.59	48.98 3.76 0.59	45.67 3.38 0.00	45.47 2.70 0.00	48.67 3.49 0.82	53.29 3.48 -0.82	54.42 2.69 0.00	55.54 1.42 0.39	55.93 0.97 2.36	60.40 2.21 0.00	65.60 1.93 2.66	73.67 2.79 0.71	80.49 2.87 4.52	91.10 4.30 4.74	107.93 7.53 0.00	121.20 8.36 15.81	147.19 11.04 23.97	147.19 10.17 44.76	133.88 7.29 28.53	117.72 4.76 0.51	92.15 2.77 0.00	71.60 1.21 1.15	56.13 0.75 6.89
NPX_GEN_CSC 323557	53.56 3.32 0.00	51.21 3.79 -0.59	48.85 3.62 0.59	45.50 3.21 0.00	45.51 2.74 0.00	48.44 3.27 0.82	53.04 3.23 -0.82	54.27 2.53 0.00	55.39 1.25 0.39	56.25 1.26 2.32	60.40 2.21 0.00	69.16 2.99 0.17	75.19 3.65 0.05	86.16 4.35 0.33	97.33 6.13 0.34	109.24 8.84 0.00	139.84 11.19 0.00	174.32 14.42 0.22	192.19 13.64 3.23	162.80 11.01 3.34	120.58 7.15 0.04	93.49 4.11 0.00	71.34 0.93 1.12	56.23 0.69 6.72
NSINS_S_GLNS_FALLS 23858	53.31 3.06 0.00	49.45 2.62 0.00	48.34 2.52 0.00	44.52 2.24 0.00	44.99 2.22 0.00	48.30 2.30 0.00	51.24 2.25 0.00	54.22 2.48 0.00	56.97 2.45 0.00	59.61 2.29 0.00	59.99 1.80 0.00	68.39 2.06 0.00	74.39 2.79 0.00	85.59 3.45 0.00	95.84 4.30 0.00	105.82 5.42 0.00	135.34 6.69 0.00	170.05 9.93 0.00	195.23 13.45 0.00	166.75 11.63 0.00	122.65 9.19 0.00	98.61 7.15 -2.08	76.40 4.86 0.00	65.82 3.55 0.00
NUCOR_STEEL___DRP 24197	51.15 0.90 0.00	47.81 0.98 0.00	46.50 0.69 0.00	42.79 0.51 0.00	43.20 0.43 0.00	46.50 0.51 0.00	49.29 0.29 0.00	52.15 0.41 0.00	55.06 0.55 0.00	58.06 0.75 0.00	59.18 0.99 0.00	67.40 1.06 0.00	73.24 1.65 0.00	84.27 2.14 0.00	94.19 2.65 0.00	102.71 2.31 0.00	130.97 2.32 0.00	162.61 2.40 -0.08	185.75 3.64 -0.34	158.35 3.10 -0.13	116.19 2.72 0.00	91.88 2.50 0.00	73.40 1.86 0.00	63.58 1.31 0.00
NUMBER_THREE_WT_PWR 323818	51.60 1.36 0.00	47.95 1.12 0.00	46.91 1.10 0.00	43.72 1.44 0.00	44.14 1.37 0.00	47.84 1.84 0.00	50.90 1.91 0.00	53.65 1.92 0.00	56.21 1.69 0.00	58.69 1.37 0.00	59.24 1.05 0.00	67.53 1.20 0.00	72.88 1.29 0.00	84.19 2.05 0.00	93.73 2.19 0.00	102.91 2.51 0.00	132.13 3.47 0.00	165.78 5.60 -0.06	190.00 7.99 -0.23	163.58 8.37 -0.09	118.57 5.11 0.00	94.02 4.64 0.00	74.04 2.50 0.00	64.13 1.87 0.00
NYISO_LBMP_REFERENCE 24008	50.24 0.00 0.00	46.83 0.00 0.00	45.82 0.00 0.00	42.28 0.00 0.00	42.77 0.00 0.00	46.00 0.00 0.00	48.99 0.00 0.00	51.73 0.00 0.00	54.52 0.00 0.00	57.32 0.00 0.00	58.19 0.00 0.00	66.34 0.00 0.00	71.59 0.00 0.00	82.14 0.00 0.00	91.54 0.00 0.00	100.40 0.00 0.00	128.65 0.00 0.00	160.12 0.00 0.00	181.78 0.00 0.00	155.12 0.00 0.00	113.46 0.00 0.00	89.38 0.00 0.00	71.54 0.00 0.00	62.27 0.00 0.00
NYPA_BRENTWD____GT 24164	54.36 4.12 0.00	51.47 4.64 0.00	50.17 4.35 0.00	46.22 3.93 0.00	46.23 3.46 0.00	50.05 4.05 0.00	53.06 4.06 0.00	55.15 3.41 0.00	56.48 2.34 0.38	57.39 2.35 2.28	61.39 3.20 0.00	70.28 3.98 0.04	76.11 4.59 0.07	86.48 4.76 0.42	97.60 6.50 0.44	109.54 9.14 0.00	139.84 11.19 0.00	170.83 14.25 3.54	191.07 13.64 4.35	162.60 10.70 3.21	120.45 7.04 0.05	93.58 4.20 0.00	72.24 1.79 1.09	57.31 1.56 6.52

NYPA_GOWANUS____GT5 24156	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.38 4.05 0.01	76.53 4.94 0.00	88.30 6.16 0.00	99.22 7.69 0.01	110.03 9.64 0.01	138.94 10.30 0.01	172.45 12.33 0.01	194.30 12.53 0.01	165.05 9.94 0.01	121.17 7.72 0.01	94.64 5.27 0.01	75.10 3.58 0.01	64.69 2.43 0.00
NYPA_GOWANUS____GT6 24157	53.66 3.42 0.00	50.44 3.61 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.26 3.27 0.00	51.98 2.99 0.00	55.05 3.31 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.38 4.05 0.01	76.53 4.94 0.00	88.30 6.16 0.00	99.22 7.69 0.01	110.03 9.64 0.01	138.94 10.30 0.01	172.45 12.33 0.01	194.30 12.53 0.01	165.05 9.94 0.01	121.17 7.72 0.01	94.64 5.27 0.01	75.10 3.58 0.01	64.69 2.43 0.00
NYPA_HARLEM__RVR__GT1 24160	53.71 3.46 -0.01	50.35 3.51 -0.01	49.13 3.30 -0.01	45.38 3.09 -0.01	45.69 2.91 -0.01	49.22 3.22 0.00	52.13 3.14 0.00	54.94 3.21 0.00	57.73 3.22 0.00	60.41 3.09 0.00	61.33 3.14 0.00	70.18 3.85 0.00	76.32 4.72 0.00	88.13 5.99 0.00	99.13 7.59 0.00	109.84 9.43 -0.01	139.08 10.42 -0.01	172.63 12.50 -0.01	194.51 12.72 -0.01	165.20 10.08 -0.01	121.41 7.94 -0.01	94.93 5.54 -0.01	75.12 3.58 -0.01	64.70 2.43 -0.01
NYPA_HARLEM__RVR__GT2 24161	53.71 3.46 -0.01	50.35 3.51 -0.01	49.13 3.30 -0.01	45.38 3.09 -0.01	45.69 2.91 -0.01	49.22 3.22 0.00	52.13 3.14 0.00	54.94 3.21 0.00	57.73 3.22 0.00	60.41 3.09 0.00	61.33 3.14 0.00	70.18 3.85 0.00	76.32 4.72 0.00	88.13 5.99 0.00	99.13 7.59 0.00	109.84 9.43 -0.01	139.08 10.42 -0.01	172.63 12.50 -0.01	194.51 12.72 -0.01	165.20 10.08 -0.01	121.41 7.94 -0.01	94.93 5.54 -0.01	75.12 3.58 -0.01	64.70 2.43 -0.01
NYPA_KENT____GT 24152	53.66 3.42 0.00	50.34 3.51 0.00	49.16 3.34 0.00	45.33 3.05 0.00	45.68 2.91 0.00	49.17 3.17 0.00	52.03 3.04 0.00	55.10 3.36 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.39 4.05 0.00	76.53 4.94 0.00	88.22 6.08 0.00	99.13 7.59 0.00	109.95 9.54 0.00	138.95 10.30 0.00	172.46 12.33 0.00	194.31 12.53 0.00	165.05 9.94 0.01	121.18 7.72 0.01	94.64 5.27 0.01	75.04 3.50 0.00	64.63 2.37 0.00
NYPA_POUCH1____GT 24155	51.24 3.17 2.17	50.34 3.51 0.00	49.25 3.44 0.00	45.46 3.17 -0.01	45.82 3.04 -0.01	49.17 3.17 0.00	51.00 2.74 0.73	51.02 3.00 3.71	51.05 3.11 6.57	51.15 3.15 9.32	53.10 3.20 8.28	61.37 3.71 8.68	66.13 4.59 10.05	68.46 5.75 19.42	91.40 7.14 7.29	101.66 9.14 7.88	113.32 9.65 24.99	135.36 11.54 36.30	134.72 11.64 58.71	109.79 9.15 54.48	103.66 7.15 16.95	85.54 4.82 8.66	65.13 3.22 9.62	54.03 2.05 10.29
NYPA_VERNON____GT2 24162	53.61 3.37 0.00	50.25 3.42 0.00	49.02 3.21 0.00	45.24 2.96 0.00	45.59 2.82 0.00	49.08 3.08 0.00	52.08 3.09 0.00	55.15 3.41 0.00	58.01 3.49 0.00	60.81 3.50 0.00	61.68 3.49 0.00	70.45 4.11 0.00	76.53 4.94 0.00	88.22 6.08 0.00	99.13 7.59 0.00	109.84 9.43 0.00	139.07 10.42 0.00	172.62 12.50 0.00	194.31 12.53 0.00	165.05 9.94 0.01	121.28 7.82 0.01	94.73 5.36 0.01	75.04 3.50 0.00	64.63 2.37 0.00
NYPA_VERNON____GT3 24163	53.61 3.37 0.00	50.25 3.42 0.00	49.02 3.21 0.00	45.24 2.96 0.00	45.59 2.82 0.00	49.08 3.08 0.00	52.08 3.09 0.00	55.15 3.41 0.00	58.01 3.49 0.00	60.81 3.50 0.00	61.68 3.49 0.00	70.45 4.11 0.00	76.53 4.94 0.00	88.22 6.08 0.00	99.13 7.59 0.00	109.84 9.43 0.00	139.07 10.42 0.00	172.62 12.50 0.00	194.31 12.53 0.00	165.05 9.94 0.01	121.28 7.82 0.01	94.73 5.36 0.01	75.04 3.50 0.00	64.63 2.37 0.00
NYPA____ASTORIA_CC1 323568	53.56 3.32 0.00	50.20 3.37 0.00	48.98 3.16 0.00	45.20 2.92 0.00	45.55 2.78 0.00	49.03 3.04 0.00	52.03 3.04 0.00	55.05 3.31 0.00	57.90 3.38 0.00	60.70 3.38 0.00	61.56 3.37 0.00	70.32 3.98 0.00	76.39 4.80 0.00	88.06 5.92 0.00	98.95 7.41 0.00	109.63 9.23 0.00	138.82 10.16 0.00	172.29 12.16 0.00	193.96 12.18 0.00	164.89 9.78 0.01	121.06 7.60 0.01	94.64 5.27 0.01	74.90 3.36 0.00	64.51 2.24 0.00
NYPA____ASTORIA_CC2 323569	53.56 3.32 0.00	50.20 3.37 0.00	48.98 3.16 0.00	45.20 2.92 0.00	45.55 2.78 0.00	49.03 3.04 0.00	52.03 3.04 0.00	55.05 3.31 0.00	57.90 3.38 0.00	60.70 3.38 0.00	61.56 3.37 0.00	70.32 3.98 0.00	76.39 4.80 0.00	88.06 5.92 0.00	98.95 7.41 0.00	109.63 9.23 0.00	138.82 10.16 0.00	172.29 12.16 0.00	193.96 12.18 0.00	164.89 9.78 0.01	121.06 7.60 0.01	94.64 5.27 0.01	74.90 3.36 0.00	64.51 2.24 0.00
NYPA____HOLTSVILL 23794	53.76 3.52 0.00	50.86 4.03 0.00	49.67 3.85 0.00	45.75 3.47 0.00	45.76 2.99 0.00	49.54 3.54 0.00	52.47 3.48 0.00	54.53 2.79 0.00	55.82 1.69 0.39	56.65 1.66 2.33	60.69 2.50 0.00	69.43 3.25 0.16	75.41 3.86 0.05	86.43 4.60 0.31	97.52 6.31 0.33	109.24 8.84 0.00	139.47 10.81 -0.01	198.24 13.77 -24.35	200.79 13.10 -5.91	162.18 10.39 3.33	120.35 6.92 0.04	93.31 3.93 0.00	71.49 1.07 1.13	56.34 0.81 6.74
NYPA____HELLGATE_GT1 24158	53.71 3.46 -0.01	50.35 3.51 -0.01	49.13 3.30 -0.01	45.38 3.09 -0.01	45.69 2.91 -0.01	49.22 3.22 0.00	52.13 3.14 0.00	54.94 3.21 0.00	57.73 3.22 0.00	60.41 3.09 0.00	61.33 3.14 0.00	70.18 3.85 0.00	76.32 4.72 0.00	88.13 5.99 0.00	99.13 7.59 0.00	109.84 9.43 -0.01	139.08 10.42 -0.01	172.63 12.50 -0.01	194.51 12.72 -0.01	165.20 10.08 -0.01	121.41 7.94 -0.01	94.93 5.54 -0.01	75.12 3.58 -0.01	64.70 2.43 -0.01
NYPA____HELLGATE_GT2 24159	53.71 3.46 -0.01	50.35 3.51 -0.01	49.13 3.30 -0.01	45.38 3.09 -0.01	45.69 2.91 -0.01	49.22 3.22 0.00	52.13 3.14 0.00	54.94 3.21 0.00	57.73 3.22 0.00	60.41 3.09 0.00	61.33 3.14 0.00	70.18 3.85 0.00	76.32 4.72 0.00	88.13 5.99 0.00	99.13 7.59 0.00	109.84 9.43 -0.01	139.08 10.42 -0.01	172.63 12.50 -0.01	194.51 12.72 -0.01	165.20 10.08 -0.01	121.41 7.94 -0.01	94.93 5.54 -0.01	75.12 3.58 -0.01	64.70 2.43 -0.01
NYS_BARGE____HYD 23848	50.74 0.50 0.00	47.81 0.98 0.00	45.45 -0.37 0.00	41.48 -0.80 0.00	42.17 -0.60 0.00	45.17 -0.83 0.00	47.33 -1.67 0.00	49.77 -1.97 0.00	53.21 -1.31 0.00	57.14 -0.17 0.00	58.77 0.58 0.00	66.54 0.20 0.00	72.74 1.14 0.00	83.53 1.40 0.00	92.82 1.28 0.00	99.70 -0.70 0.00	126.08 -2.57 0.00	154.99 -5.13 0.00	177.41 -4.36 0.00	150.94 -4.18 0.00	111.30 -2.16 0.00	88.48 -0.89 0.00	72.40 0.86 0.00	63.58 1.31 0.00
OAK ORCHARD____HYD 24046	51.25 1.00 0.00	48.00 1.17 0.00	46.27 0.46 0.00	42.37 0.08 0.00	42.94 0.17 0.00	45.95 -0.05 0.00	48.65 -0.34 0.00	51.43 -0.31 0.00	54.68 0.16 0.00	58.29 0.97 0.00	59.70 1.51 0.00	68.00 1.66 0.00	74.10 2.50 0.00	85.01 2.87 0.00	94.83 3.29 0.00	102.81 2.41 0.00	130.71 2.05 0.00	161.40 1.28 0.00	184.32 2.54 0.00	156.83 1.71 0.00	115.17 1.70 0.00	91.52 2.14 0.00	73.82 2.29 0.00	64.26 1.99 0.00

OAKDALE___35_KV_LOAD 356122	51.35 1.11 0.00	48.09 1.26 0.00	46.73 0.92 0.00	43.09 0.80 0.00	43.54 0.77 0.00	46.83 0.83 0.00	49.58 0.59 0.00	52.46 0.72 0.00	55.39 0.87 0.00	58.52 1.20 0.00	59.53 1.34 0.00	67.80 1.46 0.00	73.74 2.15 0.00	84.85 2.71 0.00	94.83 3.30 0.00	103.11 2.71 0.00	131.23 2.57 0.00	162.53 2.40 0.00	185.05 3.27 0.00	157.91 2.79 0.00	116.19 2.72 0.00	91.88 2.50 0.00	73.54 2.00 0.00	63.76 1.49 0.00
OCC_CHEM___DRP 24175	49.59 -0.65 0.00	47.49 0.66 0.00	45.40 -0.41 0.00	42.16 -0.13 0.00	42.30 -0.47 0.00	45.49 -0.51 0.00	46.88 -2.11 0.00	49.15 -2.59 0.00	52.45 -2.07 0.00	56.34 -0.97 0.00	57.90 -0.29 0.00	65.54 -0.80 0.00	71.88 0.29 0.00	82.30 0.16 0.00	91.35 -0.18 0.00	98.09 -2.31 0.00	123.89 -4.76 0.00	152.28 -7.85 0.00	173.78 -8.00 0.00	147.98 -7.14 0.00	109.27 -4.20 0.00	86.88 -2.50 0.00	70.75 -0.79 0.00	62.58 0.31 0.00
OH_GEN_PROXY 24063	50.09 -0.15 0.00	47.84 0.42 -0.59	44.77 -0.46 0.59	41.44 -0.85 0.00	42.13 -0.64 0.00	43.84 -1.34 0.82	48.00 -1.81 -0.82	49.66 -2.07 0.00	53.10 -1.42 0.00	57.03 -0.29 0.00	58.54 0.35 0.00	66.34 0.00 0.00	72.59 1.00 0.00	83.20 1.07 0.00	92.55 1.01 0.00	99.40 -1.00 0.00	125.70 -2.95 0.00	154.68 -5.44 0.00	176.50 -5.28 0.00	150.15 -4.97 0.00	110.97 -2.50 0.00	88.21 -1.16 0.00	71.97 0.43 0.00	63.20 0.94 0.00
OLIN_CORP_DRP 24177	50.44 0.20 0.00	48.23 1.40 0.00	46.14 0.32 0.00	41.61 -0.68 0.00	41.79 -0.98 0.00	44.94 -1.06 0.00	47.18 -1.81 0.00	49.41 -2.33 0.00	52.66 -1.85 0.00	56.57 -0.75 0.00	58.13 -0.06 0.00	65.81 -0.53 0.00	72.31 0.72 0.00	82.71 0.57 0.00	91.90 0.37 0.00	98.69 -1.71 0.00	124.67 -3.99 0.00	153.24 -6.89 0.00	175.05 -6.73 0.00	149.07 -6.05 0.00	110.06 -3.40 0.00	87.50 -1.88 0.00	71.18 -0.36 0.00	62.89 0.62 0.00
OLIN_CORP_DSASP 323712	49.59 -0.65 0.00	46.74 -0.09 0.00	45.50 -0.32 0.00	41.60 -0.68 0.00	42.30 -0.47 0.00	44.16 -1.84 0.00	46.59 -2.40 0.00	48.99 -2.74 0.00	52.45 -2.07 0.00	56.34 -0.97 0.00	57.90 -0.29 0.00	65.55 -0.79 0.00	71.66 0.07 0.00	82.22 0.08 0.00	91.35 -0.18 0.00	98.10 -2.31 0.00	123.90 -4.76 0.00	152.28 -7.84 0.00	173.78 -7.99 0.00	147.99 -7.13 0.00	109.27 -4.20 0.00	86.88 -2.50 0.00	71.04 -0.50 0.00	62.58 0.31 0.00
ONEIDA_HERK_LFGE 323681	51.80 1.56 0.00	48.19 1.36 0.00	47.10 1.28 0.00	43.64 1.35 0.00	44.10 1.33 0.00	47.70 1.70 0.00	50.70 1.71 0.00	53.49 1.76 0.00	56.21 1.69 0.00	58.92 1.60 0.00	59.58 1.39 0.00	67.93 1.59 0.00	73.45 1.86 0.00	84.85 2.71 0.00	94.74 3.20 0.00	103.82 3.42 0.00	132.77 4.12 0.00	165.91 5.76 -0.03	189.54 7.63 -0.13	162.46 7.29 -0.05	118.45 4.99 0.00	93.58 4.20 0.00	74.11 2.57 0.00	64.13 1.87 0.00
ONEIDA___115KV_TB4 55905	52.20 1.96 0.00	48.56 1.73 0.00	47.37 1.56 0.00	43.72 1.44 0.00	44.18 1.41 0.00	47.79 1.79 0.00	50.71 1.71 0.00	53.55 1.81 0.00	56.32 1.80 0.00	59.21 1.89 0.00	59.94 1.75 0.00	68.39 2.06 0.00	74.10 2.51 0.00	85.67 3.53 0.00	95.75 4.21 0.00	104.82 4.42 0.00	132.90 4.25 0.00	165.57 5.44 0.00	188.87 7.09 0.00	161.79 6.67 0.00	118.46 4.99 0.00	93.31 3.93 0.00	74.18 2.65 0.00	64.14 1.87 0.00
ONONDAGA_REF_OCCRA 23987	50.39 0.15 0.00	47.06 0.23 0.00	45.86 0.05 0.00	42.24 -0.04 0.00	42.68 -0.09 0.00	45.95 -0.05 0.00	48.70 -0.29 0.00	51.58 -0.16 0.00	54.46 -0.05 0.00	57.43 0.11 0.00	58.48 0.29 0.00	66.67 0.33 0.00	72.38 0.79 0.00	83.37 1.23 0.00	93.09 1.56 0.00	101.61 1.20 0.00	129.68 1.03 0.00	160.79 0.64 -0.03	183.17 1.27 -0.12	156.25 1.09 -0.05	114.71 1.25 0.00	90.54 1.16 0.00	72.25 0.72 0.00	62.58 0.31 0.00
ONONDAGA___COGEN 23986	50.24 0.00 0.00	46.92 0.09 0.00	45.73 -0.09 0.00	42.11 -0.17 0.00	42.56 -0.21 0.00	45.81 -0.18 0.00	48.55 -0.44 0.00	51.37 -0.36 0.00	54.30 -0.22 0.00	57.26 -0.06 0.00	58.31 0.12 0.00	66.40 0.07 0.00	72.17 0.57 0.00	83.04 0.90 0.00	92.82 1.28 0.00	101.30 0.90 0.00	129.30 0.64 0.00	160.22 0.00 -0.10	182.90 0.73 -0.40	155.90 0.62 -0.16	114.26 0.79 0.00	90.27 0.89 0.00	72.04 0.50 0.00	62.45 0.19 0.00
ONTARIO___LFGE 23819	51.85 1.61 0.00	48.51 1.68 0.00	46.96 1.15 0.00	43.17 0.89 0.00	43.75 0.98 0.00	46.92 0.92 0.00	49.77 0.78 0.00	52.51 0.78 0.00	55.55 1.03 0.00	58.92 1.60 0.00	60.11 1.92 0.00	68.40 2.06 0.00	74.53 2.94 0.00	85.84 3.70 0.00	95.20 3.67 0.00	103.11 2.71 0.00	131.48 2.83 0.00	162.73 2.55 -0.06	186.54 4.55 -0.22	158.92 3.72 -0.09	116.76 3.29 0.00	92.86 3.48 0.00	74.76 3.22 0.00	64.69 2.43 0.00
ORANGEVILLE_WT_PWR 323706	51.35 1.10 0.00	48.23 1.40 0.00	46.32 0.50 0.00	42.41 0.13 0.00	43.11 0.34 0.00	45.91 -0.09 0.00	48.50 -0.49 0.00	51.06 -0.67 0.00	54.25 -0.27 0.00	58.01 0.69 0.00	59.53 1.34 0.00	67.53 1.20 0.00	73.88 2.29 0.00	84.93 2.79 0.00	94.55 3.02 0.00	101.61 1.21 0.00	128.78 0.13 0.00	158.68 -1.44 0.00	181.60 -0.18 0.00	154.96 -0.15 0.00	114.60 1.13 0.00	91.07 1.69 0.00	74.04 2.50 0.00	64.63 2.37 0.00
ORANGEVILLE___ESR 323794	51.35 1.10 0.00	48.23 1.40 0.00	46.32 0.50 0.00	42.41 0.13 0.00	43.11 0.34 0.00	45.91 -0.09 0.00	48.50 -0.49 0.00	51.06 -0.67 0.00	54.25 -0.27 0.00	58.01 0.69 0.00	59.53 1.34 0.00	67.53 1.20 0.00	73.88 2.29 0.00	84.93 2.79 0.00	94.55 3.02 0.00	101.61 1.21 0.00	128.78 0.13 0.00	158.68 -1.44 0.00	181.60 -0.18 0.00	154.96 -0.15 0.00	114.60 1.13 0.00	91.07 1.69 0.00	74.04 2.50 0.00	64.63 2.37 0.00
OSWEGATCHIE___HYD 24044	50.69 0.45 0.00	47.07 0.24 0.00	46.05 0.23 0.00	42.71 0.42 0.00	42.99 0.21 0.00	46.36 0.37 0.00	49.63 0.64 0.00	52.20 0.46 0.00	54.79 0.27 0.00	57.03 -0.29 0.00	57.55 -0.64 0.00	65.55 -0.79 0.00	70.44 -1.15 0.00	80.99 -1.15 0.00	89.98 -1.56 0.00	98.90 -1.50 0.00	127.76 -0.89 0.00	160.33 0.16 -0.05	183.42 1.45 -0.19	157.99 2.80 -0.08	114.48 1.02 0.00	90.36 0.98 0.00	71.97 0.43 0.00	62.95 0.69 0.00
OSWEGO___5 23606	49.54 -0.70 0.00	46.17 -0.66 0.00	45.08 -0.73 0.00	41.52 -0.76 0.00	42.00 -0.77 0.00	45.17 -0.83 0.00	47.91 -1.08 0.00	50.65 -1.09 0.00	53.48 -1.04 0.00	56.40 -0.92 0.00	57.38 -0.81 0.00	65.34 -0.99 0.00	70.88 -0.72 0.00	81.48 -0.66 0.00	90.90 -0.64 0.00	99.40 -1.00 0.00	126.85 -1.80 0.00	158.06 -2.72 -0.66	181.68 -2.72 -2.63	153.83 -2.32 -1.04	112.11 -1.36 0.00	88.48 -0.89 0.00	70.75 -0.79 0.00	61.40 -0.87 0.00
OSWEGO___6 23613	49.54 -0.70 0.00	46.17 -0.66 0.00	45.08 -0.73 0.00	41.52 -0.76 0.00	42.00 -0.77 0.00	45.17 -0.83 0.00	47.91 -1.08 0.00	50.65 -1.09 0.00	53.48 -1.04 0.00	56.40 -0.92 0.00	57.38 -0.81 0.00	65.34 -0.99 0.00	70.88 -0.72 0.00	81.48 -0.66 0.00	90.90 -0.64 0.00	99.40 -1.00 0.00	126.85 -1.80 0.00	158.06 -2.72 -0.66	181.68 -2.72 -2.63	153.83 -2.32 -1.04	112.11 -1.36 0.00	88.48 -0.89 0.00	70.75 -0.79 0.00	61.40 -0.87 0.00

OUTOKUMPU-AB___DRP 24206	51.10 0.85 0.00	48.80 1.97 0.00	46.64 0.82 0.00	42.75 0.47 0.00	42.94 0.17 0.00	46.18 0.18 0.00	48.16 -0.83 0.00	50.54 -1.19 0.00	53.97 -0.55 0.00	58.00 0.69 0.00	59.64 1.45 0.00	67.33 1.00 0.00	73.88 2.29 0.00	84.77 2.63 0.00	94.10 2.56 0.00	101.10 0.70 0.00	127.75 -0.90 0.00	156.92 -3.20 0.00	179.41 -2.36 0.00	152.48 -2.64 0.00	112.44 -1.02 0.00	89.29 -0.09 0.00	72.61 1.07 0.00	64.14 1.87 0.00
OXBOW___BTM 323836	50.44 0.20 0.00	47.53 0.70 0.00	45.95 0.14 0.00	41.99 -0.29 0.00	42.69 -0.09 0.00	44.89 -1.10 0.00	47.33 -1.67 0.00	49.82 -1.91 0.00	53.32 -1.20 0.00	57.32 0.00 0.00	58.94 0.75 0.00	66.60 0.27 0.00	72.52 0.93 0.00	83.29 1.15 0.00	92.55 1.01 0.00	99.30 -1.10 0.00	125.57 -3.09 0.00	154.20 -5.92 0.00	176.14 -5.64 0.00	149.84 -5.27 0.00	110.51 -2.95 0.00	87.77 -1.61 0.00	71.82 0.29 0.00	63.51 1.24 0.00
OXBOW___ 24026	50.49 0.25 0.00	48.23 1.40 0.00	46.14 0.32 0.00	42.54 0.25 0.00	42.68 -0.09 0.00	45.91 -0.09 0.00	47.62 -1.37 0.00	49.98 -1.76 0.00	53.32 -1.20 0.00	57.32 0.00 0.00	58.95 0.76 0.00	66.60 0.27 0.00	72.74 1.15 0.00	83.37 1.23 0.00	92.54 1.01 0.00	99.40 -1.00 0.00	125.57 -3.09 0.00	154.20 -5.92 0.00	176.32 -5.45 0.00	149.85 -5.27 0.00	110.51 -2.95 0.00	87.77 -1.61 0.00	71.46 -0.07 0.00	63.58 1.31 0.00
OXY_CHEM_DSASP 323612	49.59 -0.65 0.00	47.49 0.66 0.00	45.40 -0.41 0.00	42.16 -0.13 0.00	42.30 -0.47 0.00	45.49 -0.51 0.00	46.88 -2.11 0.00	49.15 -2.59 0.00	52.45 -2.07 0.00	56.34 -0.97 0.00	57.90 -0.29 0.00	65.54 -0.80 0.00	71.88 0.29 0.00	82.30 0.16 0.00	91.35 -0.18 0.00	98.09 -2.31 0.00	123.89 -4.76 0.00	152.28 -7.85 0.00	173.78 -8.00 0.00	147.98 -7.14 0.00	109.27 -4.20 0.00	86.88 -2.50 0.00	70.75 -0.79 0.00	62.58 0.31 0.00
OZONE_PARK_ESR 323760	54.11 3.87 0.00	50.39 3.56 0.00	49.16 3.34 0.00	45.37 3.09 0.00	45.81 3.04 0.00	49.22 3.22 0.00	52.47 3.48 0.00	55.67 3.93 0.00	58.61 4.09 0.00	61.56 4.24 0.00	62.38 4.19 0.00	71.38 5.04 0.00	77.61 6.01 0.00	89.61 7.47 0.00	100.51 8.97 0.00	111.34 10.94 0.00	141.13 12.48 0.00	175.34 15.21 0.00	197.59 15.81 0.00	167.84 12.72 0.00	123.45 9.98 0.00	96.44 7.06 0.00	76.33 4.79 0.00	65.51 3.24 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	49.59 -0.65 0.00	47.49 0.66 0.00	45.40 -0.41 0.00	42.16 -0.13 0.00	42.30 -0.47 0.00	45.49 -0.51 0.00	46.88 -2.11 0.00	49.15 -2.59 0.00	52.45 -2.07 0.00	56.34 -0.97 0.00	57.90 -0.29 0.00	65.54 -0.80 0.00	71.88 0.29 0.00	82.30 0.16 0.00	91.35 -0.18 0.00	98.09 -2.31 0.00	123.89 -4.76 0.00	152.28 -7.85 0.00	173.78 -8.00 0.00	147.98 -7.14 0.00	109.27 -4.20 0.00	86.88 -2.50 0.00	70.75 -0.79 0.00	62.58 0.31 0.00
PACKARD___115KV_DUPONT_184 80571	49.59 -0.65 0.00	47.49 0.66 0.00	45.40 -0.41 0.00	42.16 -0.13 0.00	42.30 -0.47 0.00	45.49 -0.51 0.00	46.88 -2.11 0.00	49.15 -2.59 0.00	52.45 -2.07 0.00	56.34 -0.97 0.00	57.90 -0.29 0.00	65.54 -0.80 0.00	71.88 0.29 0.00	82.30 0.16 0.00	91.35 -0.18 0.00	98.09 -2.31 0.00	123.89 -4.76 0.00	152.28 -7.85 0.00	173.78 -8.00 0.00	147.98 -7.14 0.00	109.27 -4.20 0.00	86.88 -2.50 0.00	70.75 -0.79 0.00	62.58 0.31 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	53.72 3.47 -0.01	50.16 3.32 -0.01	48.99 3.16 -0.01	45.25 2.96 -0.01	45.69 2.91 -0.01	48.94 2.94 0.00	52.03 3.04 0.00	55.10 3.36 0.00	57.68 3.16 0.00	60.53 3.21 0.00	61.45 3.26 0.00	70.25 3.91 0.00	76.32 4.73 0.00	88.30 6.16 0.00	99.14 7.60 0.00	109.85 9.44 -0.01	139.08 10.42 -0.01	172.78 12.65 -0.01	194.51 12.72 -0.01	165.21 10.08 -0.01	121.41 7.94 -0.01	94.93 5.54 -0.01	75.26 3.72 -0.01	64.77 2.49 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	54.62 4.37 -0.01	51.01 4.17 -0.01	49.81 3.99 -0.01	46.01 3.72 -0.01	46.46 3.68 -0.01	49.72 3.73 0.00	52.86 3.87 0.00	55.93 4.19 0.00	58.55 4.03 0.00	61.39 4.07 0.00	62.50 4.31 0.00	71.38 5.04 0.00	77.54 5.94 0.00	89.70 7.56 0.00	100.87 9.34 0.00	111.75 11.35 -0.01	141.53 12.87 -0.01	175.66 15.53 -0.01	197.96 16.18 -0.01	168.16 13.03 -0.01	123.57 10.10 -0.01	96.63 7.24 -0.01	76.62 5.08 -0.01	65.95 3.67 -0.01
PATROON___115KV_TB1 80586	51.35 1.11 0.00	47.72 0.89 0.00	46.78 0.96 0.00	43.17 0.89 0.00	43.63 0.86 0.00	46.83 0.83 0.00	49.68 0.69 0.00	52.51 0.78 0.00	55.28 0.76 0.00	58.00 0.69 0.00	58.83 0.64 0.00	67.13 0.80 0.00	72.88 1.29 0.00	83.95 1.81 0.00	93.92 2.38 0.00	103.41 3.01 0.00	131.61 2.96 0.00	164.29 4.16 0.00	186.14 4.36 0.00	158.69 3.57 0.00	116.53 3.06 0.00	89.35 2.41 0.00	72.97 1.43 0.00	62.95 0.68 0.00
PATTRSNVILLE___SOLAR 323815	52.75 2.51 0.00	49.12 2.29 0.00	48.06 2.24 0.00	44.35 2.07 0.00	44.82 2.05 0.00	48.16 2.16 0.00	51.00 2.01 0.00	53.70 1.97 0.00	56.31 1.80 0.00	58.92 1.60 0.00	59.65 1.46 0.00	67.93 1.59 0.00	73.74 2.15 0.00	84.77 2.63 0.00	94.93 3.39 0.00	104.42 4.02 0.00	133.28 4.62 0.00	166.85 6.72 0.00	190.50 8.73 0.00	163.34 8.22 0.00	120.27 6.81 0.00	94.74 5.36 0.00	75.25 3.72 0.00	65.00 2.74 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	51.15 0.90 0.00	48.70 1.87 0.00	46.50 0.69 0.00	42.45 0.17 0.00	42.77 0.00 0.00	45.95 -0.05 0.00	48.45 -0.54 0.00	51.22 -0.52 0.00	54.63 0.11 0.00	58.69 1.38 0.00	60.34 2.15 0.00	68.39 2.06 0.00	75.24 3.65 0.00	86.49 4.35 0.00	96.11 4.58 0.00	103.11 2.71 0.00	130.58 1.93 0.00	160.28 0.16 0.00	183.05 1.27 0.00	155.58 0.47 0.00	114.83 1.36 0.00	91.17 1.79 0.00	73.90 2.36 0.00	64.57 2.30 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	53.71 3.47 0.00	49.92 3.09 0.00	48.75 2.93 0.00	45.03 2.75 0.00	45.46 2.69 0.00	48.94 2.94 0.00	52.22 3.23 0.00	55.20 3.47 0.00	57.95 3.43 0.00	60.87 3.55 0.00	61.80 3.61 0.00	70.65 4.31 0.00	76.96 5.37 0.00	88.87 6.74 0.00	99.68 8.15 0.00	110.24 9.84 0.00	139.85 11.19 0.00	174.37 14.25 0.00	196.86 15.09 0.00	167.68 12.56 0.00	122.88 9.42 0.00	96.26 6.88 0.00	76.11 4.58 0.00	65.38 3.11 0.00
PEEKSKILL___ 23653	53.05 2.81 0.00	49.54 2.72 0.00	48.33 2.52 0.00	44.65 2.37 0.00	45.04 2.27 0.00	48.48 2.48 0.00	51.54 2.55 0.00	54.58 2.84 0.00	57.35 2.83 0.00	60.18 2.86 0.00	61.10 2.91 0.00	69.85 3.51 0.00	75.96 4.37 0.00	87.47 5.34 0.00	98.13 6.59 0.00	108.44 8.04 0.00	137.66 9.00 0.00	171.16 11.04 0.00	192.87 11.09 0.00	164.27 9.15 0.00	120.73 7.27 0.00	94.56 5.18 0.00	74.76 3.22 0.00	64.32 2.05 0.00
PGE MADISON___WINDPWR 24146	55.56 5.32 0.00	51.61 4.78 0.00	50.12 4.31 0.00	46.17 3.89 0.00	46.70 3.93 0.00	50.78 4.78 0.00	53.74 4.75 0.00	56.81 5.07 0.00	59.48 4.96 0.00	62.30 4.98 0.00	62.90 4.71 0.00	71.65 5.31 0.00	77.82 6.23 0.00	90.60 8.46 0.00	101.52 9.98 0.00	110.94 10.54 0.00	142.28 13.63 0.00	178.12 17.93 -0.07	204.76 22.72 -0.26	176.15 20.93 -0.10	129.01 15.55 0.00	101.53 12.15 0.00	80.33 8.80 0.00	69.12 6.85 0.00

PIERCEFIELD___HYD 23852	49.84 -0.40 0.00	46.17 -0.66 0.00	45.31 -0.50 0.00	41.86 -0.42 0.00	42.00 -0.77 0.00	45.03 -0.97 0.00	48.55 -0.44 0.00	51.01 -0.72 0.00	53.65 -0.87 0.00	55.71 -1.60 0.00	56.09 -2.09 0.00	63.95 -2.39 0.00	68.23 -3.36 0.00	77.95 -4.19 0.00	86.32 -5.22 0.00	95.18 -5.22 0.00	123.77 -4.89 0.00	155.32 -4.80 0.00	176.69 -5.09 0.00	151.86 -3.26 0.00	109.95 -3.52 0.00	86.43 -2.95 0.00	69.68 -1.86 0.00	61.77 -0.50 0.00
PINELAWN_CC_1 323563	53.66 3.42 0.00	50.71 3.88 0.00	49.48 3.67 0.00	45.58 3.30 0.00	45.64 2.87 0.00	49.35 3.36 0.00	52.32 3.33 0.00	54.42 2.69 0.00	56.03 1.85 0.34	57.04 1.78 2.06	60.63 2.44 0.00	69.12 2.85 0.07	75.15 3.58 0.03	86.16 4.19 0.16	97.23 5.86 0.17	108.73 8.33 0.00	138.70 10.04 0.00	169.84 12.81 3.10	190.14 12.18 3.82	161.76 9.46 2.82	119.68 6.24 0.02	93.04 3.67 0.00	71.63 1.00 0.91	57.67 0.87 5.47
PJM_GEN_HTTP_PROXY 323702	53.46 3.22 0.00	50.56 3.14 -0.59	48.16 2.93 0.59	44.99 2.71 0.00	45.34 2.57 0.00	48.03 2.85 0.82	52.80 2.99 -0.82	55.10 3.36 0.00	57.95 3.44 0.00	60.81 3.50 0.00	61.62 3.43 0.00	70.52 4.18 0.00	76.68 5.08 0.00	88.38 6.24 0.00	99.13 7.59 0.00	109.74 9.34 0.00	139.21 10.55 0.00	172.94 12.81 0.00	194.69 12.91 0.00	165.51 10.39 0.00	121.64 8.17 0.00	95.01 5.63 0.00	75.18 3.65 0.00	64.63 2.37 0.00
PJM_GEN_KEystone 24065	51.49 1.40 0.15	48.96 1.54 -0.59	46.19 0.96 0.59	43.13 0.85 0.00	43.67 0.90 0.00	45.91 0.73 0.82	50.40 0.64 -0.77	52.30 0.83 0.26	55.15 1.09 0.46	58.15 1.49 0.65	59.42 1.81 0.58	67.65 1.93 0.61	73.76 2.87 0.70	84.31 3.53 1.36	95.33 4.30 0.51	103.76 3.91 0.55	130.64 3.73 1.75	161.10 3.52 2.54	181.30 3.63 4.11	154.10 2.80 3.81	115.22 2.95 1.19	91.27 2.50 0.61	72.94 2.08 0.67	63.04 1.49 0.72
PJM_GEN_NEPTUNE_PROXY 323594	53.46 3.22 0.00	51.03 3.61 -0.59	48.66 3.44 0.59	45.41 3.13 0.00	45.51 2.74 0.00	48.35 3.17 0.82	52.95 3.14 -0.82	54.37 2.64 0.00	56.12 2.02 0.42	56.82 2.01 2.50	60.69 2.50 0.00	69.52 3.18 0.00	75.53 3.94 0.00	86.74 4.60 0.00	97.76 6.23 0.00	108.84 8.43 0.00	138.82 10.16 0.00	168.21 12.65 4.56	188.16 11.99 5.61	160.28 9.31 4.14	119.93 6.46 0.00	93.40 4.03 0.00	71.78 1.50 1.26	55.77 1.06 7.56
PJM_GEN_VFT_PROXY 323633	51.03 2.96 2.18	50.27 2.86 -0.58	47.92 2.70 0.60	44.78 2.49 0.00	45.12 2.35 0.00	47.79 2.62 0.83	51.77 2.69 -0.08	51.07 3.05 3.72	51.10 3.16 6.58	51.14 3.15 9.33	52.92 3.02 8.29	61.36 3.71 8.69	66.12 4.59 10.06	68.37 5.66 19.43	91.20 6.95 7.29	101.15 8.64 7.89	113.31 9.65 25.00	135.50 11.68 36.31	134.71 11.64 58.71	109.93 9.31 54.49	103.87 7.37 16.96	85.71 5.00 8.67	65.05 3.14 9.63	53.90 1.93 10.30
PLATSBURG_115KV_PMLD1 355749	48.43 -1.81 0.00	45.14 -1.69 0.00	44.26 -1.56 0.00	40.85 -1.44 0.00	41.36 -1.41 0.00	44.57 -1.43 0.00	47.77 -1.22 0.00	50.34 -1.40 0.00	53.26 -1.25 0.00	55.88 -1.43 0.00	56.79 -1.40 0.00	64.75 -1.59 0.00	69.16 -2.43 0.00	78.85 -3.29 0.00	87.33 -4.21 0.00	96.08 -4.32 0.00	124.79 -3.86 0.00	156.44 -3.68 0.00	177.60 -4.18 0.00	152.02 -3.10 0.00	110.29 -3.18 0.00	86.61 -2.77 0.00	69.53 -2.00 0.00	60.96 -1.31 0.00
PLEASANTVLY___LBMP 24000	52.65 2.41 0.00	49.03 2.20 0.00	47.97 2.15 0.00	44.27 1.99 0.00	44.74 1.97 0.00	48.07 2.07 0.00	51.10 2.11 0.00	54.11 2.38 0.00	56.86 2.34 0.00	59.72 2.41 0.00	60.52 2.33 0.00	69.12 2.79 0.00	75.10 3.51 0.00	86.66 4.52 0.00	97.03 5.49 0.00	107.13 6.73 0.00	136.12 7.46 0.00	169.25 9.13 0.00	191.05 9.27 0.00	162.72 7.60 0.00	119.59 6.13 0.00	93.85 4.47 0.00	74.33 2.79 0.00	63.95 1.68 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	53.21 2.96 0.00	49.59 2.76 0.00	48.43 2.61 0.00	44.69 2.41 0.00	45.17 2.40 0.00	48.53 2.53 0.00	51.64 2.65 0.00	54.74 3.00 0.00	57.57 3.05 0.00	60.47 3.15 0.00	61.33 3.14 0.00	70.19 3.85 0.00	76.25 4.65 0.00	88.05 5.91 0.00	98.68 7.14 0.00	109.14 8.73 0.00	138.43 9.78 0.00	172.13 12.01 0.00	194.14 12.36 0.00	165.05 9.93 0.00	121.29 7.83 0.00	94.83 5.45 0.00	75.11 3.58 0.00	64.51 2.24 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	53.21 2.96 0.00	49.59 2.76 0.00	48.43 2.61 0.00	44.69 2.41 0.00	45.17 2.40 0.00	48.53 2.53 0.00	51.64 2.65 0.00	54.74 3.00 0.00	57.57 3.05 0.00	60.47 3.15 0.00	61.33 3.14 0.00	70.19 3.85 0.00	76.25 4.65 0.00	88.05 5.91 0.00	98.68 7.14 0.00	109.14 8.73 0.00	138.43 9.78 0.00	172.13 12.01 0.00	194.14 12.36 0.00	165.05 9.93 0.00	121.29 7.83 0.00	94.83 5.45 0.00	75.11 3.58 0.00	64.51 2.24 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	53.11 2.86 0.00	49.41 2.58 0.00	48.34 2.52 0.00	44.61 2.33 0.00	45.04 2.27 0.00	48.44 2.44 0.00	51.54 2.55 0.00	54.53 2.79 0.00	57.35 2.83 0.00	60.18 2.87 0.00	61.04 2.85 0.00	69.66 3.32 0.00	75.67 4.08 0.00	87.23 5.09 0.00	97.76 6.22 0.00	108.03 7.63 0.00	137.40 8.75 0.00	171.33 11.21 0.00	193.41 11.63 0.00	164.89 9.77 0.00	121.07 7.60 0.00	95.01 5.63 0.00	75.18 3.65 0.00	64.76 2.49 0.00
POLETTI____ 23519	53.41 3.17 0.00	49.73 2.90 0.00	48.57 2.75 0.00	44.86 2.58 0.00	45.29 2.52 0.00	48.67 2.67 0.00	51.83 2.84 0.00	54.99 3.26 0.00	57.90 3.38 0.00	60.75 3.44 0.00	61.56 3.38 0.00	70.38 4.05 0.00	76.46 4.87 0.00	88.30 6.16 0.00	99.04 7.51 0.00	109.64 9.24 0.00	138.95 10.29 0.00	172.61 12.49 0.00	194.50 12.72 0.00	165.36 10.24 0.00	121.52 8.06 0.00	94.92 5.54 0.00	75.18 3.65 0.00	64.51 2.24 0.00
POMONA___ESR 323819	53.00 2.76 0.00	49.50 2.67 0.00	48.29 2.47 0.00	44.61 2.32 0.00	44.99 2.22 0.00	48.43 2.44 0.00	51.49 2.50 0.00	54.53 2.79 0.00	57.35 2.83 0.00	60.18 2.86 0.00	61.10 2.91 0.00	69.79 3.45 0.00	75.89 4.30 0.00	87.40 5.26 0.00	98.04 6.50 0.00	108.24 7.84 0.00	137.52 8.87 0.00	170.85 10.73 0.00	192.68 10.91 0.00	163.96 8.84 0.00	120.50 7.04 0.00	94.47 5.09 0.00	74.76 3.22 0.00	64.32 2.05 0.00
PORT_JEFF_3 23555	53.91 3.67 0.00	51.00 4.17 0.00	49.76 3.94 0.00	45.84 3.55 0.00	45.85 3.08 0.00	49.63 3.63 0.00	52.57 3.57 0.00	54.63 2.90 0.00	55.99 1.85 0.39	56.83 1.83 2.32	60.75 2.56 0.00	69.54 3.38 0.18	75.40 3.86 0.05	86.39 4.60 0.34	97.49 6.31 0.36	109.33 8.93 0.00	139.60 10.93 -0.01	205.77 13.92 -31.72	203.71 13.26 -8.67	162.19 10.39 3.33	120.35 6.92 0.04	93.31 3.93 0.00	71.41 1.00 1.12	56.48 0.94 6.72
PORT_JEFF_4 23616	53.91 3.67 0.00	51.00 4.17 0.00	49.76 3.94 0.00	45.84 3.55 0.00	45.85 3.08 0.00	49.63 3.63 0.00	52.57 3.57 0.00	54.63 2.90 0.00	55.99 1.85 0.39	56.83 1.83 2.32	60.75 2.56 0.00	69.54 3.38 0.18	75.40 3.86 0.05	86.39 4.60 0.34	97.49 6.31 0.36	109.33 8.93 0.00	139.60 10.93 -0.01	205.77 13.92 -31.72	203.71 13.26 -8.67	162.19 10.39 3.33	120.35 6.92 0.04	93.31 3.93 0.00	71.41 1.00 1.12	56.48 0.94 6.72

PORT_JEFF_IC 23713	54.01 3.77 0.00	50.90 4.07 0.00	49.53 3.71 0.00	45.58 3.30 0.00	45.85 3.08 0.00	49.03 3.04 0.00	52.03 3.04 0.00	54.06 2.33 0.00	56.04 1.91 0.39	56.95 1.95 2.31	60.92 2.73 0.00	69.68 3.58 0.24	75.24 3.72 0.07	86.37 4.68 0.45	97.47 6.41 0.47	109.44 9.04 0.00	139.74 11.06 -0.02	231.43 14.25 -57.06	213.35 13.45 -18.12	162.37 10.55 3.30	120.33 6.92 0.05	93.31 3.93 0.00	73.71 3.29 1.12	56.64 1.06 6.68
PPL PILGRIM_ST_GT1 24216	54.36 4.12 0.00	51.47 4.64 0.00	50.17 4.35 0.00	46.22 3.93 0.00	46.23 3.46 0.00	50.05 4.05 0.00	53.06 4.06 0.00	55.15 3.41 0.00	56.48 2.34 0.38	57.39 2.35 2.28	61.39 3.20 0.00	70.28 3.98 0.04	76.11 4.59 0.07	86.48 4.76 0.42	97.60 6.50 0.44	109.54 9.14 0.00	139.84 11.19 0.00	170.83 14.25 3.54	191.07 13.64 4.35	162.60 10.70 3.21	120.45 7.04 0.05	93.58 4.20 0.00	72.24 1.79 1.09	57.31 1.56 6.52
PPL PILGRIM_ST_GT2 24217	54.36 4.12 0.00	51.47 4.64 0.00	50.17 4.35 0.00	46.22 3.93 0.00	46.23 3.46 0.00	50.05 4.05 0.00	53.06 4.06 0.00	55.15 3.41 0.00	56.48 2.34 0.38	57.39 2.35 2.28	61.39 3.20 0.00	70.28 3.98 0.04	76.11 4.59 0.07	86.48 4.76 0.42	97.60 6.50 0.44	109.54 9.14 0.00	139.84 11.19 0.00	170.83 14.25 3.54	191.07 13.64 4.35	162.60 10.70 3.21	120.45 7.04 0.05	93.58 4.20 0.00	72.24 1.79 1.09	57.31 1.56 6.52
PPL_SHRM_GT3 24213	53.61 3.37 0.00	50.67 3.84 0.00	49.48 3.67 0.00	45.54 3.26 0.00	45.55 2.78 0.00	49.31 3.31 0.00	52.22 3.23 0.00	54.27 2.53 0.00	55.44 1.31 0.39	56.26 1.26 2.32	60.46 2.27 0.00	69.20 3.05 0.19	75.26 3.72 0.06	86.29 4.51 0.36	97.47 6.31 0.38	109.44 9.04 0.00	139.99 11.32 -0.02	211.51 14.72 -36.66	206.29 14.00 -10.52	163.12 11.32 3.32	120.91 7.49 0.04	93.67 4.29 0.00	71.42 1.00 1.12	56.31 0.75 6.70
PPL_SHRM_GT4 24214	53.61 3.37 0.00	50.67 3.84 0.00	49.48 3.67 0.00	45.54 3.26 0.00	45.55 2.78 0.00	49.31 3.31 0.00	52.22 3.23 0.00	54.27 2.53 0.00	55.44 1.31 0.39	56.26 1.26 2.32	60.46 2.27 0.00	69.20 3.05 0.19	75.26 3.72 0.06	86.29 4.51 0.36	97.47 6.31 0.38	109.44 9.04 0.00	139.99 11.32 -0.02	211.51 14.72 -36.66	206.29 14.00 -10.52	163.12 11.32 3.32	120.91 7.49 0.04	93.67 4.29 0.00	71.42 1.00 1.12	56.31 0.75 6.70
PROJECT___ORANGE 1 24174	50.24 0.00 0.00	46.92 0.09 0.00	45.73 -0.09 0.00	42.11 -0.17 0.00	42.56 -0.21 0.00	45.81 -0.18 0.00	48.55 -0.44 0.00	51.37 -0.36 0.00	54.30 -0.22 0.00	57.32 0.00 0.00	58.36 0.17 0.00	66.47 0.13 0.00	72.24 0.64 0.00	83.12 0.99 0.00	92.91 1.37 0.00	101.40 1.00 0.00	129.17 0.51 0.00	160.15 0.00 -0.02	182.42 0.55 -0.10	155.62 0.47 -0.04	114.14 0.68 0.00	90.09 0.72 0.00	71.97 0.43 0.00	62.33 0.06 0.00
PROJECT___ORANGE 2 24166	50.24 0.00 0.00	46.92 0.09 0.00	45.73 -0.09 0.00	42.11 -0.17 0.00	42.56 -0.21 0.00	45.81 -0.18 0.00	48.55 -0.44 0.00	51.37 -0.36 0.00	54.30 -0.22 0.00	57.32 0.00 0.00	58.36 0.17 0.00	66.47 0.13 0.00	72.24 0.64 0.00	83.12 0.99 0.00	92.91 1.37 0.00	101.40 1.00 0.00	129.17 0.51 0.00	160.15 0.00 -0.02	182.42 0.55 -0.10	155.62 0.47 -0.04	114.14 0.68 0.00	90.09 0.72 0.00	71.97 0.43 0.00	62.33 0.06 0.00
PUCKETT___SOLAR 323809	52.30 2.06 0.00	48.80 1.97 0.00	47.46 1.65 0.00	43.76 1.48 0.00	44.31 1.54 0.00	47.65 1.65 0.00	50.51 1.52 0.00	53.39 1.66 0.00	56.21 1.69 0.00	59.15 1.83 0.00	60.00 1.81 0.00	68.26 1.93 0.00	74.17 2.57 0.00	85.59 3.45 0.00	95.75 4.21 0.00	104.21 3.81 0.00	133.15 4.50 0.00	165.63 5.45 -0.06	189.47 7.46 -0.24	162.03 6.82 -0.09	119.13 5.67 0.00	94.11 4.73 0.00	75.11 3.58 0.00	65.00 2.74 0.00
PYRITES___HYD 24023	50.74 0.50 0.00	47.02 0.19 0.00	46.09 0.27 0.00	42.58 0.30 0.00	42.81 0.04 0.00	46.14 0.14 0.00	49.73 0.73 0.00	52.10 0.36 0.00	54.57 0.05 0.00	56.63 -0.69 0.00	57.03 -1.16 0.00	65.01 -1.33 0.00	69.30 -2.29 0.00	79.26 -2.87 0.00	87.78 -3.75 0.00	96.69 -3.71 0.00	126.08 -2.57 0.00	158.84 -1.28 0.00	181.23 -0.55 0.00	156.36 1.24 0.00	113.35 -0.11 0.00	88.93 -0.45 0.00	71.54 0.00 0.00	63.14 0.87 0.00
QUAKERRD_115KV_BK1 80622	50.09 -0.15 0.00	47.25 0.42 0.00	45.59 -0.23 0.00	41.78 -0.51 0.00	42.09 -0.68 0.00	45.40 -0.60 0.00	47.91 -1.08 0.00	50.60 -1.14 0.00	53.65 -0.87 0.00	57.09 -0.23 0.00	58.36 0.17 0.00	66.47 0.13 0.00	72.60 1.00 0.00	83.21 1.07 0.00	92.73 1.19 0.00	100.80 0.40 0.00	128.27 -0.39 0.00	158.52 -1.60 0.00	180.87 -0.91 0.00	154.03 -1.09 0.00	113.01 -0.45 0.00	89.65 0.27 0.00	71.97 0.43 0.00	62.70 0.44 0.00
QUENSBRY_115KV_TB8 356137	53.31 3.06 0.00	49.45 2.62 0.00	48.29 2.47 0.00	44.52 2.24 0.00	44.99 2.22 0.00	48.25 2.25 0.00	51.20 2.20 0.00	54.17 2.43 0.00	56.97 2.45 0.00	59.61 2.29 0.00	59.99 1.80 0.00	68.39 2.06 0.00	74.39 2.79 0.00	85.59 3.45 0.00	95.84 4.30 0.00	105.92 5.52 0.00	135.47 6.82 0.00	170.21 10.09 0.00	195.59 13.82 0.00	167.06 11.94 0.00	122.88 9.42 0.00	98.69 7.33 -1.98	76.47 4.94 0.00	65.88 3.61 0.00
RAMAPO___LBMP 323565	52.80 2.56 0.00	49.17 2.34 0.00	47.97 2.15 0.00	44.35 2.07 0.00	44.82 2.05 0.00	48.11 2.12 0.00	51.24 2.25 0.00	54.27 2.53 0.00	57.08 2.56 0.00	59.95 2.64 0.00	60.81 2.62 0.00	69.52 3.18 0.00	75.46 3.87 0.00	87.07 4.93 0.00	97.58 6.04 0.00	107.63 7.23 0.00	136.76 8.11 0.00	169.89 9.77 0.00	191.59 9.82 0.00	163.03 7.91 0.00	119.93 6.47 0.00	94.03 4.65 0.00	74.54 3.00 0.00	64.07 1.81 0.00
RANKINE____ 23646	51.40 1.16 0.00	48.98 2.15 0.00	46.87 1.05 0.00	42.79 0.51 0.00	43.03 0.26 0.00	46.27 0.28 0.00	48.60 -0.39 0.00	51.17 -0.57 0.00	54.52 0.00 0.00	58.58 1.26 0.00	60.23 2.04 0.00	68.26 1.92 0.00	75.10 3.51 0.00	86.16 4.02 0.00	95.75 4.21 0.00	102.81 2.41 0.00	130.07 1.42 0.00	159.80 -0.32 0.00	182.69 0.91 0.00	155.27 0.16 0.00	114.60 1.13 0.00	90.99 1.61 0.00	73.83 2.29 0.00	64.88 2.62 0.00
RAVENSWOOD_GT2_1 24244	53.51 3.27 0.00	49.87 3.04 0.00	48.66 2.84 0.00	44.95 2.66 0.00	45.38 2.61 0.00	48.76 2.76 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.95 3.43 0.00	60.81 3.50 0.00	61.68 3.49 0.00	70.52 4.18 0.00	76.60 5.01 0.00	88.38 6.24 0.00	99.14 7.60 0.00	109.74 9.34 0.00	139.20 10.55 0.00	172.77 12.65 0.00	194.68 12.91 0.00	165.51 10.39 0.00	121.63 8.17 0.00	95.10 5.72 0.00	75.33 3.79 0.00	64.63 2.37 0.00
RAVENSWOOD_GT2_2 24245	53.51 3.27 0.00	49.87 3.04 0.00	48.66 2.84 0.00	44.95 2.66 0.00	45.38 2.61 0.00	48.76 2.76 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.95 3.43 0.00	60.81 3.50 0.00	61.68 3.49 0.00	70.52 4.18 0.00	76.60 5.01 0.00	88.38 6.24 0.00	99.14 7.60 0.00	109.74 9.34 0.00	139.20 10.55 0.00	172.77 12.65 0.00	194.68 12.91 0.00	165.51 10.39 0.00	121.63 8.17 0.00	95.10 5.72 0.00	75.33 3.79 0.00	64.63 2.37 0.00

RAVENSWOOD_GT2_3 24246	53.56 3.32 0.00	49.87 3.04 0.00	48.70 2.89 0.00	44.99 2.71 0.00	45.42 2.65 0.00	48.76 2.76 0.00	51.93 2.94 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.87 3.55 0.00	61.68 3.49 0.00	70.52 4.18 0.00	76.68 5.08 0.00	88.46 6.32 0.00	99.23 7.69 0.00	109.84 9.44 0.00	139.33 10.68 0.00	172.93 12.81 0.00	194.87 13.09 0.00	165.67 10.55 0.00	121.75 8.28 0.00	95.10 5.72 0.00	75.40 3.86 0.00	64.70 2.43 0.00
RAVENSWOOD_GT2_4 24247	53.56 3.32 0.00	49.87 3.04 0.00	48.70 2.89 0.00	44.99 2.71 0.00	45.42 2.65 0.00	48.76 2.76 0.00	51.93 2.94 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.87 3.55 0.00	61.68 3.49 0.00	70.52 4.18 0.00	76.68 5.08 0.00	88.46 6.32 0.00	99.23 7.69 0.00	109.84 9.44 0.00	139.33 10.68 0.00	172.93 12.81 0.00	194.87 13.09 0.00	165.67 10.55 0.00	121.75 8.28 0.00	95.10 5.72 0.00	75.40 3.86 0.00	64.70 2.43 0.00
RAVENSWOOD_GT3_1 24248	53.51 3.27 0.00	49.87 3.04 0.00	48.66 2.84 0.00	44.95 2.66 0.00	45.38 2.61 0.00	48.76 2.76 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.95 3.43 0.00	60.81 3.50 0.00	61.68 3.49 0.00	70.52 4.18 0.00	76.60 5.01 0.00	88.46 6.32 0.00	99.14 7.60 0.00	109.74 9.34 0.00	139.20 10.55 0.00	172.93 12.81 0.00	194.68 12.91 0.00	165.51 10.39 0.00	121.63 8.17 0.00	95.10 5.72 0.00	75.33 3.79 0.00	64.70 2.43 0.00
RAVENSWOOD_GT3_2 24249	53.51 3.27 0.00	49.87 3.04 0.00	48.66 2.84 0.00	44.95 2.66 0.00	45.38 2.61 0.00	48.76 2.76 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.95 3.43 0.00	60.81 3.50 0.00	61.68 3.49 0.00	70.52 4.18 0.00	76.60 5.01 0.00	88.46 6.32 0.00	99.14 7.60 0.00	109.74 9.34 0.00	139.20 10.55 0.00	172.93 12.81 0.00	194.68 12.91 0.00	165.51 10.39 0.00	121.63 8.17 0.00	95.10 5.72 0.00	75.33 3.79 0.00	64.70 2.43 0.00
RAVENSWOOD_GT3_3 24250	53.61 3.37 0.00	49.92 3.09 0.00	48.75 2.93 0.00	45.03 2.75 0.00	45.46 2.69 0.00	48.80 2.81 0.00	52.03 3.04 0.00	55.15 3.41 0.00	58.06 3.54 0.00	60.93 3.61 0.00	61.80 3.61 0.00	70.65 4.31 0.00	76.75 5.15 0.00	88.63 6.49 0.00	99.41 7.87 0.00	110.04 9.64 0.00	139.46 10.81 0.00	173.25 13.13 0.00	195.23 13.45 0.00	165.98 10.86 0.00	121.97 8.51 0.00	95.28 5.90 0.00	75.47 3.93 0.00	64.82 2.55 0.00
RAVENSWOOD_GT3_4 24251	53.61 3.37 0.00	49.92 3.09 0.00	48.75 2.93 0.00	45.03 2.75 0.00	45.46 2.69 0.00	48.80 2.81 0.00	52.03 3.04 0.00	55.15 3.41 0.00	58.06 3.54 0.00	60.93 3.61 0.00	61.80 3.61 0.00	70.65 4.31 0.00	76.75 5.15 0.00	88.63 6.49 0.00	99.41 7.87 0.00	110.04 9.64 0.00	139.46 10.81 0.00	173.25 13.13 0.00	195.23 13.45 0.00	165.98 10.86 0.00	121.97 8.51 0.00	95.28 5.90 0.00	75.47 3.93 0.00	64.82 2.55 0.00
RAVENSWOOD_GT_1 23729	53.61 3.37 0.00	50.01 3.18 0.00	48.84 3.02 0.00	45.16 2.88 0.00	45.55 2.78 0.00	48.90 2.90 0.00	52.03 3.04 0.00	55.15 3.41 0.00	57.95 3.43 0.00	60.81 3.50 0.00	61.68 3.49 0.00	70.45 4.11 0.00	76.46 4.87 0.00	88.30 6.16 0.00	99.14 7.60 0.00	109.84 9.44 0.00	139.08 10.42 0.00	172.61 12.49 0.00	194.32 12.54 0.00	165.04 9.93 0.01	121.29 7.83 0.01	94.73 5.36 0.01	75.11 3.58 0.00	64.63 2.37 0.00
RAVENSWOOD_GT_10 24258	53.51 3.27 0.00	49.87 3.04 0.00	48.66 2.84 0.00	44.95 2.66 0.00	45.38 2.61 0.00	48.76 2.76 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.95 3.43 0.00	60.81 3.50 0.00	61.68 3.49 0.00	70.52 4.18 0.00	76.60 5.01 0.00	88.46 6.32 0.00	99.14 7.60 0.00	109.74 9.34 0.00	139.20 10.55 0.00	172.93 12.81 0.00	194.68 12.91 0.00	165.51 10.39 0.00	121.75 8.28 0.00	95.10 5.72 0.00	75.33 3.79 0.00	64.70 2.43 0.00
RAVENSWOOD_GT_11 24259	53.51 3.27 0.00	49.87 3.04 0.00	48.66 2.84 0.00	44.95 2.66 0.00	45.38 2.61 0.00	48.76 2.76 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.95 3.43 0.00	60.81 3.50 0.00	61.68 3.49 0.00	70.52 4.18 0.00	76.60 5.01 0.00	88.46 6.32 0.00	99.14 7.60 0.00	109.74 9.34 0.00	139.20 10.55 0.00	172.93 12.81 0.00	194.68 12.91 0.00	165.51 10.39 0.00	121.75 8.28 0.00	95.10 5.72 0.00	75.33 3.79 0.00	64.70 2.43 0.00
RAVENSWOOD_GT_4 24252	53.51 3.27 0.00	49.83 3.00 0.00	48.66 2.84 0.00	44.95 2.66 0.00	45.38 2.61 0.00	48.76 2.76 0.00	51.93 2.94 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.87 3.55 0.00	61.68 3.49 0.00	70.58 4.25 0.00	76.68 5.08 0.00	88.55 6.41 0.00	99.23 7.69 0.00	109.84 9.44 0.00	139.33 10.68 0.00	173.09 12.97 0.00	195.05 13.27 0.00	165.82 10.70 0.00	121.86 8.40 0.00	95.18 5.81 0.00	75.40 3.86 0.00	64.70 2.43 0.00
RAVENSWOOD_GT_5 24254	53.51 3.27 0.00	49.83 3.00 0.00	48.66 2.84 0.00	44.95 2.66 0.00	45.38 2.61 0.00	48.76 2.76 0.00	51.93 2.94 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.87 3.55 0.00	61.68 3.49 0.00	70.58 4.25 0.00	76.68 5.08 0.00	88.55 6.41 0.00	99.23 7.69 0.00	109.84 9.44 0.00	139.33 10.68 0.00	173.09 12.97 0.00	195.05 13.27 0.00	165.82 10.70 0.00	121.86 8.40 0.00	95.18 5.81 0.00	75.40 3.86 0.00	64.70 2.43 0.00
RAVENSWOOD_GT_6 24253	53.51 3.27 0.00	49.83 3.00 0.00	48.66 2.84 0.00	44.95 2.66 0.00	45.38 2.61 0.00	48.76 2.76 0.00	51.93 2.94 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.87 3.55 0.00	61.68 3.49 0.00	70.58 4.25 0.00	76.68 5.08 0.00	88.55 6.41 0.00	99.23 7.69 0.00	109.84 9.44 0.00	139.33 10.68 0.00	173.09 12.97 0.00	195.05 13.27 0.00	165.82 10.70 0.00	121.86 8.40 0.00	95.18 5.81 0.00	75.40 3.86 0.00	64.70 2.43 0.00
RAVENSWOOD_GT_7 24255	53.51 3.27 0.00	49.83 3.00 0.00	48.66 2.84 0.00	44.95 2.66 0.00	45.38 2.61 0.00	48.76 2.76 0.00	51.93 2.94 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.87 3.55 0.00	61.68 3.49 0.00	70.58 4.25 0.00	76.68 5.08 0.00	88.55 6.41 0.00	99.23 7.69 0.00	109.84 9.44 0.00	139.33 10.68 0.00	173.09 12.97 0.00	195.05 13.27 0.00	165.82 10.70 0.00	121.86 8.40 0.00	95.18 5.81 0.00	75.40 3.86 0.00	64.70 2.43 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	53.51 3.27 0.00	49.87 3.04 0.00	48.66 2.84 0.00	44.95 2.66 0.00	45.38 2.61 0.00	48.76 2.76 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.95 3.43 0.00	60.81 3.50 0.00	61.68 3.49 0.00	70.52 4.18 0.00	76.60 5.01 0.00	88.46 6.32 0.00	99.14 7.60 0.00	109.74 9.34 0.00	139.20 10.55 0.00	172.93 12.81 0.00	194.68 12.91 0.00	165.51 10.39 0.00	121.75 8.28 0.00	95.10 5.72 0.00	75.33 3.79 0.00	64.70 2.43 0.00
RAVENSWOOD_GT_9 24257	53.51 3.27 0.00	49.87 3.04 0.00	48.66 2.84 0.00	44.95 2.66 0.00	45.38 2.61 0.00	48.76 2.76 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.95 3.43 0.00	60.81 3.50 0.00	61.68 3.49 0.00	70.52 4.18 0.00	76.60 5.01 0.00	88.46 6.32 0.00	99.14 7.60 0.00	109.74 9.34 0.00	139.20 10.55 0.00	172.93 12.81 0.00	194.68 12.91 0.00	165.51 10.39 0.00	121.75 8.28 0.00	95.10 5.72 0.00	75.33 3.79 0.00	64.70 2.43 0.00

RAVENSWOOD___1 23533	53.56 3.32 0.00	50.20 3.37 0.00	48.98 3.16 0.00	45.20 2.92 0.00	45.55 2.78 0.00	49.03 3.04 0.00	52.03 3.04 0.00	55.10 3.36 0.00	57.95 3.44 0.00	60.75 3.44 0.00	61.68 3.49 0.00	70.39 4.05 0.00	76.46 4.87 0.00	88.13 5.99 0.00	99.05 7.51 0.00	109.74 9.34 0.00	138.95 10.30 0.00	172.45 12.33 0.00	194.14 12.37 0.00	165.05 9.94 0.01	121.18 7.72 0.01	94.73 5.36 0.01	74.97 3.43 0.00	64.57 2.31 0.00
RAVENSWOOD___2 23534	53.46 3.22 0.00	50.11 3.28 0.00	48.89 3.07 0.00	45.12 2.83 0.00	45.47 2.70 0.00	48.94 2.95 0.00	51.93 2.94 0.00	54.94 3.21 0.00	57.84 3.33 0.00	60.64 3.32 0.00	61.50 3.32 0.00	69.92 3.58 0.00	75.82 4.22 0.00	87.40 5.26 0.00	98.13 6.59 0.00	108.84 8.43 0.00	137.79 9.14 0.00	170.85 10.73 0.00	192.32 10.54 0.00	163.64 8.53 0.01	120.15 6.69 0.01	93.93 4.56 0.01	74.47 2.93 0.00	64.26 1.99 0.00
RAVENSWOOD___3 23535	53.51 3.26 0.00	50.06 3.23 0.00	48.79 2.98 0.00	45.07 2.79 0.00	45.42 2.65 0.00	48.94 2.95 0.00	52.03 3.04 0.00	55.10 3.36 0.00	58.01 3.49 0.00	60.81 3.50 0.00	61.68 3.49 0.00	70.52 4.18 0.00	76.68 5.08 0.00	88.38 6.24 0.00	99.13 7.59 0.00	109.74 9.34 0.00	139.21 10.55 0.00	172.94 12.81 0.00	194.69 12.91 0.00	165.51 10.39 0.00	121.64 8.17 0.00	95.10 5.73 0.00	75.25 3.72 0.00	64.69 2.43 0.00
RAVENSWOOD___4 23820	53.56 3.32 0.00	50.15 3.33 0.00	48.93 3.12 0.00	45.16 2.88 0.00	45.51 2.74 0.00	49.03 3.04 0.00	52.03 3.04 0.00	55.05 3.31 0.00	57.90 3.38 0.00	60.75 3.44 0.00	61.62 3.43 0.00	70.38 4.05 0.00	76.39 4.80 0.00	88.06 5.92 0.00	98.95 7.41 0.00	109.63 9.23 0.00	138.81 10.16 0.00	172.29 12.16 0.00	193.96 12.18 0.00	164.89 9.78 0.01	121.06 7.60 0.01	94.64 5.27 0.01	74.97 3.43 0.00	64.51 2.24 0.00
RCPL_TRUST___DRP 24196	53.56 3.32 0.00	49.87 3.04 0.00	48.70 2.89 0.00	44.99 2.71 0.00	45.42 2.65 0.00	48.80 2.81 0.00	52.03 3.04 0.00	55.15 3.41 0.00	58.06 3.54 0.00	60.98 3.67 0.00	61.86 3.67 0.00	70.72 4.38 0.00	76.82 5.23 0.00	88.71 6.57 0.00	99.41 7.87 0.00	110.04 9.64 0.00	139.59 10.94 0.00	173.41 13.29 0.00	195.23 13.45 0.00	165.98 10.86 0.00	121.97 8.51 0.00	95.28 5.90 0.00	75.47 3.93 0.00	64.76 2.49 0.00
RED___ROCHESTER 323720	51.70 1.46 0.00	48.42 1.59 0.00	46.69 0.87 0.00	42.71 0.42 0.00	43.29 0.52 0.00	46.32 0.32 0.00	49.04 0.05 0.00	51.84 0.10 0.00	55.22 0.71 0.00	58.86 1.55 0.00	60.28 2.09 0.00	68.72 2.38 0.00	75.03 3.44 0.00	86.00 3.86 0.00	95.93 4.39 0.00	104.12 3.72 0.00	132.25 3.60 0.00	163.32 3.20 0.00	186.50 4.72 0.00	158.69 3.57 0.00	116.41 2.95 0.00	92.59 3.21 0.00	74.61 3.07 0.00	64.94 2.68 0.00
REGAN___SOLAR 323812	55.17 4.93 0.00	51.23 4.40 0.00	50.03 4.21 0.00	46.13 3.85 0.00	46.62 3.85 0.00	50.14 4.14 0.00	53.06 4.06 0.00	55.72 3.98 0.00	58.28 3.76 0.00	60.87 3.55 0.00	61.68 3.49 0.00	70.12 3.78 0.00	76.24 4.65 0.00	87.73 5.59 0.00	98.22 6.68 0.00	108.33 7.93 0.00	138.43 9.77 0.00	174.05 13.92 0.00	199.78 18.00 0.00	172.03 16.91 0.00	126.73 13.27 0.00	99.74 10.36 0.00	79.12 7.58 0.00	68.12 5.85 0.00
RENSSELAER___COGEN 23796	50.85 0.61 0.00	47.39 0.56 0.00	46.46 0.64 0.00	42.87 0.59 0.00	43.24 0.47 0.00	46.50 0.51 0.00	49.34 0.35 0.00	52.10 0.36 0.00	54.79 0.27 0.00	57.49 0.17 0.00	58.25 0.06 0.00	66.47 0.13 0.00	72.16 0.57 0.00	83.04 0.91 0.00	92.91 1.38 0.00	102.30 1.90 0.00	130.07 1.42 0.00	162.20 2.08 0.00	183.78 2.00 0.00	156.67 1.55 0.00	115.17 1.70 0.00	87.87 1.34 2.85	72.18 0.64 0.00	62.33 0.06 0.00
REPUBLIC_115KV_BARTNBRK 55605	55.72 5.48 0.00	51.61 4.78 0.00	50.26 4.44 0.00	46.22 3.93 0.00	46.71 3.93 0.00	50.09 4.09 0.00	53.01 4.02 0.00	56.13 4.40 0.00	58.93 4.42 0.00	61.61 4.30 0.00	62.09 3.90 0.00	70.78 4.44 0.00	77.32 5.73 0.00	88.96 6.82 0.00	99.78 8.24 0.00	110.14 9.74 0.00	141.13 12.48 0.00	178.38 18.25 0.00	205.95 24.18 0.00	176.22 21.10 0.00	129.58 16.11 0.00	103.98 12.51 -2.09	80.33 8.80 0.00	69.12 6.85 0.00
REVERE_CPPR_DRP 24186	52.70 2.46 0.00	49.03 2.20 0.00	47.83 2.02 0.00	44.19 1.90 0.00	44.61 1.84 0.00	48.39 2.39 0.00	51.34 2.35 0.00	54.17 2.43 0.00	56.92 2.40 0.00	59.72 2.41 0.00	60.40 2.21 0.00	68.93 2.59 0.00	74.67 3.08 0.00	86.49 4.35 0.00	96.66 5.13 0.00	105.82 5.42 0.00	134.70 6.05 0.00	168.13 8.01 0.00	192.14 10.36 0.00	164.74 9.62 0.00	120.38 6.92 0.00	94.83 5.45 0.00	75.18 3.65 0.00	65.01 2.74 0.00
REYNLDPA_13_KV_LD 356490	49.69 -0.55 0.00	46.13 -0.70 0.00	45.22 -0.60 0.00	41.73 -0.55 0.00	42.26 -0.51 0.00	45.40 -0.60 0.00	48.84 -0.15 0.00	51.37 -0.36 0.00	54.19 -0.33 0.00	56.80 -0.52 0.00	57.67 -0.52 0.00	65.81 -0.53 0.00	70.30 -1.29 0.00	80.17 -1.97 0.00	88.79 -2.75 0.00	97.59 -2.81 0.00	126.60 -2.06 0.00	158.20 -1.92 0.00	179.60 -2.18 0.00	153.57 -1.55 0.00	111.42 -2.04 0.00	87.59 -1.79 0.00	70.61 -0.93 0.00	62.08 -0.19 0.00
REYNOLDS_115KV_TB3 80639	51.45 1.21 0.00	47.86 1.03 0.00	46.92 1.10 0.00	43.30 1.01 0.00	43.75 0.98 0.00	47.01 1.01 0.00	49.82 0.83 0.00	52.72 0.98 0.00	55.44 0.93 0.00	58.18 0.86 0.00	58.95 0.76 0.00	67.20 0.86 0.00	72.95 1.36 0.00	84.03 1.89 0.00	94.01 2.47 0.00	103.51 3.11 0.00	131.74 3.09 0.00	164.29 4.16 0.00	186.14 4.36 0.00	158.69 3.57 0.00	116.64 3.18 0.00	88.21 2.50 3.67	73.04 1.50 0.00	63.02 0.75 0.00
RIVERBAY____ 323610	54.62 4.37 -0.01	51.01 4.17 -0.01	49.81 3.99 -0.01	46.01 3.72 -0.01	46.46 3.68 -0.01	49.72 3.73 0.00	52.86 3.87 0.00	55.93 4.19 0.00	58.55 4.03 0.00	61.39 4.07 0.00	62.50 4.31 0.00	71.38 5.04 0.00	77.54 5.94 0.00	89.70 7.56 0.00	100.87 9.34 0.00	111.75 11.35 -0.01	141.53 12.87 -0.01	175.66 15.53 -0.01	197.96 16.18 -0.01	168.16 13.03 -0.01	123.57 10.10 -0.01	96.63 7.24 -0.01	76.62 5.08 -0.01	65.95 3.67 -0.01
RIVERSDE_115KV_TB3 55908	51.25 1.00 0.00	47.67 0.84 0.00	46.73 0.92 0.00	43.13 0.85 0.00	43.58 0.81 0.00	46.83 0.83 0.00	49.63 0.64 0.00	52.51 0.78 0.00	55.23 0.71 0.00	57.95 0.63 0.00	58.77 0.58 0.00	67.00 0.66 0.00	72.74 1.15 0.00	83.78 1.64 0.00	93.73 2.20 0.00	103.21 2.81 0.00	131.36 2.70 0.00	163.97 3.84 0.00	185.59 3.82 0.00	158.22 3.10 0.00	116.30 2.84 0.00	88.50 2.23 3.11	72.82 1.29 0.00	62.83 0.56 0.00
ROARING___BROOK_WT_PWR 323790	49.84 -0.40 0.00	46.41 -0.42 0.00	45.45 -0.37 0.00	41.99 -0.29 0.00	42.47 -0.30 0.00	45.72 -0.27 0.00	48.80 -0.20 0.00	51.58 -0.15 0.00	54.35 -0.16 0.00	57.09 -0.23 0.00	57.96 -0.23 0.00	66.07 -0.26 0.00	71.02 -0.58 0.00	81.40 -0.74 0.00	90.53 -1.00 0.00	99.40 -1.00 0.00	127.62 -1.03 0.00	158.84 -1.29 0.00	180.51 -1.26 0.00	154.04 -1.08 0.00	112.55 -0.91 0.00	88.48 -0.89 0.00	70.89 -0.65 0.00	61.90 -0.37 0.00

ROCHESRG_115KV_T4 355643	50.95 0.70 0.00	48.19 1.36 0.00	46.41 0.60 0.00	42.49 0.21 0.00	42.77 0.00 0.00	46.14 0.14 0.00	48.60 -0.39 0.00	51.27 -0.47 0.00	54.46 -0.05 0.00	58.00 0.69 0.00	59.35 1.16 0.00	67.60 1.26 0.00	73.81 2.22 0.00	84.60 2.46 0.00	94.28 2.75 0.00	102.21 1.81 0.00	129.94 1.29 0.00	160.28 0.16 0.00	183.05 1.27 0.00	155.74 0.62 0.00	114.48 1.02 0.00	90.90 1.52 0.00	73.11 1.57 0.00	63.95 1.68 0.00
ROCHESTER_9_IC 23652	51.35 1.11 0.00	48.56 1.73 0.00	46.73 0.92 0.00	42.79 0.51 0.00	43.03 0.26 0.00	46.46 0.46 0.00	48.94 -0.05 0.00	51.63 -0.10 0.00	54.84 0.33 0.00	58.46 1.15 0.00	59.88 1.69 0.00	68.20 1.86 0.00	74.53 2.94 0.00	85.34 3.20 0.00	95.11 3.57 0.00	103.21 2.81 0.00	131.23 2.57 0.00	161.88 1.76 0.00	184.87 3.09 0.00	157.29 2.17 0.00	115.51 2.04 0.00	91.79 2.41 0.00	73.75 2.22 0.00	64.45 2.18 0.00
ROCKVIEW_13_KV_LD 356306	53.56 3.32 0.00	49.87 3.04 0.00	48.66 2.84 0.00	44.95 2.66 0.00	45.38 2.61 0.00	48.76 2.76 0.00	51.93 2.94 0.00	55.10 3.36 0.00	57.95 3.43 0.00	60.87 3.55 0.00	61.80 3.61 0.00	70.65 4.31 0.00	76.82 5.23 0.00	88.71 6.57 0.00	99.50 7.96 0.00	110.04 9.64 0.00	139.72 11.06 0.00	173.57 13.45 0.00	195.59 13.82 0.00	166.29 11.17 0.00	122.31 8.85 0.00	95.46 6.08 0.00	75.54 4.01 0.00	64.82 2.55 0.00
ROME____115KV_TB2 80656	52.70 2.46 0.00	49.03 2.20 0.00	47.83 2.02 0.00	44.19 1.90 0.00	44.61 1.84 0.00	48.39 2.39 0.00	51.34 2.35 0.00	54.17 2.43 0.00	56.92 2.40 0.00	59.72 2.41 0.00	60.40 2.21 0.00	68.93 2.59 0.00	74.67 3.08 0.00	86.49 4.35 0.00	96.66 5.13 0.00	105.82 5.42 0.00	134.70 6.05 0.00	168.13 8.01 0.00	192.14 10.36 0.00	164.74 9.62 0.00	120.38 6.92 0.00	94.83 5.45 0.00	75.18 3.65 0.00	65.01 2.74 0.00
ROSETON___1 23587	52.55 2.31 0.00	49.08 2.25 0.00	47.93 2.11 0.00	44.27 1.99 0.00	44.65 1.88 0.00	48.07 2.07 0.00	51.05 2.06 0.00	54.01 2.27 0.00	56.75 2.24 0.00	59.55 2.23 0.00	60.40 2.21 0.00	68.99 2.66 0.00	74.96 3.37 0.00	86.33 4.19 0.00	96.75 5.21 0.00	106.83 6.43 0.00	135.73 7.07 0.00	168.76 8.64 0.00	190.50 8.73 0.00	162.11 6.99 0.00	119.25 5.78 0.00	93.58 4.20 0.00	74.11 2.57 0.00	63.83 1.56 0.00
ROSETON___2 23588	52.55 2.31 0.00	49.08 2.25 0.00	47.93 2.11 0.00	44.27 1.99 0.00	44.65 1.88 0.00	48.07 2.07 0.00	51.05 2.06 0.00	54.01 2.27 0.00	56.75 2.24 0.00	59.55 2.23 0.00	60.40 2.21 0.00	68.99 2.66 0.00	74.96 3.37 0.00	86.33 4.19 0.00	96.75 5.21 0.00	106.83 6.43 0.00	135.73 7.07 0.00	168.76 8.64 0.00	190.50 8.73 0.00	162.11 6.99 0.00	119.25 5.78 0.00	93.58 4.20 0.00	74.11 2.57 0.00	63.83 1.56 0.00
ROTTTRDAM_115KV_TB3 80664	52.00 1.76 0.00	48.42 1.59 0.00	47.42 1.60 0.00	43.76 1.48 0.00	44.22 1.45 0.00	47.52 1.52 0.00	50.36 1.37 0.00	53.18 1.45 0.00	55.94 1.42 0.00	58.63 1.32 0.00	59.47 1.28 0.00	67.80 1.46 0.00	73.53 1.93 0.00	84.60 2.46 0.00	94.56 3.02 0.00	103.91 3.51 0.00	132.64 3.99 0.00	165.57 5.44 0.00	188.14 6.36 0.00	160.70 5.58 0.00	118.12 4.65 0.00	93.04 3.66 0.00	74.04 2.50 0.00	64.01 1.74 0.00
RUSSELL___1 23602	51.75 1.51 0.00	48.84 2.01 0.00	47.01 1.19 0.00	43.00 0.72 0.00	43.28 0.51 0.00	46.73 0.74 0.00	49.19 0.20 0.00	51.94 0.21 0.00	55.23 0.71 0.00	58.86 1.55 0.00	60.28 2.09 0.00	68.73 2.39 0.00	75.17 3.58 0.00	86.08 3.94 0.00	95.93 4.39 0.00	104.12 3.71 0.00	132.26 3.60 0.00	163.33 3.20 0.00	186.69 4.91 0.00	158.69 3.57 0.00	116.41 2.95 0.00	92.60 3.22 0.00	74.40 2.86 0.00	64.95 2.68 0.00
RUSSELL___2 23532	51.75 1.51 0.00	48.84 2.01 0.00	47.01 1.19 0.00	43.00 0.72 0.00	43.28 0.51 0.00	46.73 0.74 0.00	49.19 0.20 0.00	51.94 0.21 0.00	55.23 0.71 0.00	58.86 1.55 0.00	60.28 2.09 0.00	68.73 2.39 0.00	75.17 3.58 0.00	86.08 3.94 0.00	95.93 4.39 0.00	104.12 3.71 0.00	132.26 3.60 0.00	163.33 3.20 0.00	186.69 4.91 0.00	158.69 3.57 0.00	116.41 2.95 0.00	92.60 3.22 0.00	74.40 2.86 0.00	64.95 2.68 0.00
RUSSELL___3 23549	51.75 1.51 0.00	48.84 2.01 0.00	47.01 1.19 0.00	43.00 0.72 0.00	43.28 0.51 0.00	46.73 0.74 0.00	49.19 0.20 0.00	51.94 0.21 0.00	55.23 0.71 0.00	58.86 1.55 0.00	60.28 2.09 0.00	68.73 2.39 0.00	75.17 3.58 0.00	86.08 3.94 0.00	95.93 4.39 0.00	104.12 3.71 0.00	132.26 3.60 0.00	163.33 3.20 0.00	186.69 4.91 0.00	158.69 3.57 0.00	116.41 2.95 0.00	92.60 3.22 0.00	74.40 2.86 0.00	64.95 2.68 0.00
RUSSELL___4 23556	51.75 1.51 0.00	48.84 2.01 0.00	47.01 1.19 0.00	43.00 0.72 0.00	43.28 0.51 0.00	46.73 0.74 0.00	49.19 0.20 0.00	51.94 0.21 0.00	55.23 0.71 0.00	58.86 1.55 0.00	60.28 2.09 0.00	68.73 2.39 0.00	75.17 3.58 0.00	86.08 3.94 0.00	95.93 4.39 0.00	104.12 3.71 0.00	132.26 3.60 0.00	163.33 3.20 0.00	186.69 4.91 0.00	158.69 3.57 0.00	116.41 2.95 0.00	92.60 3.22 0.00	74.40 2.86 0.00	64.95 2.68 0.00
RUSSELL___STATION 23914	51.75 1.51 0.00	48.84 2.01 0.00	47.01 1.19 0.00	43.00 0.72 0.00	43.28 0.51 0.00	46.73 0.74 0.00	49.19 0.20 0.00	51.94 0.21 0.00	55.23 0.71 0.00	58.86 1.55 0.00	60.28 2.09 0.00	68.73 2.39 0.00	75.17 3.58 0.00	86.08 3.94 0.00	95.93 4.39 0.00	104.12 3.71 0.00	132.26 3.60 0.00	163.33 3.20 0.00	186.69 4.91 0.00	158.69 3.57 0.00	116.41 2.95 0.00	92.60 3.22 0.00	74.40 2.86 0.00	64.95 2.68 0.00
S SALMON___HYD 24043	50.74 0.50 0.00	47.20 0.37 0.00	46.05 0.23 0.00	42.50 0.21 0.00	42.94 0.17 0.00	46.36 0.37 0.00	49.19 0.20 0.00	51.94 0.21 0.00	54.68 0.16 0.00	57.49 0.17 0.00	58.31 0.12 0.00	66.40 0.07 0.00	71.95 0.36 0.00	82.88 0.74 0.00	92.36 0.82 0.00	100.90 0.50 0.00	129.17 0.52 0.00	161.12 0.80 -0.19	184.71 2.19 -0.74	158.05 2.63 -0.29	115.61 2.15 0.00	91.16 1.79 0.00	72.75 1.21 0.00	63.02 0.75 0.00
S.PERRY___115KV_TB1 80734	52.00 1.76 0.00	49.08 2.25 0.00	47.15 1.33 0.00	43.13 0.85 0.00	43.41 0.64 0.00	46.92 0.92 0.00	49.43 0.44 0.00	51.99 0.26 0.00	54.52 0.00 0.00	57.72 0.40 0.00	58.83 0.64 0.00	66.94 0.60 0.00	73.17 1.58 0.00	81.48 -0.66 0.00	90.90 -0.64 0.00	98.59 -1.81 0.00	125.57 -3.09 0.00	155.00 -5.12 0.00	179.41 -2.36 0.00	154.50 -0.62 0.00	114.48 1.02 0.00	91.17 1.79 0.00	75.18 3.65 0.00	65.26 2.99 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	50.95 0.70 0.00	48.66 1.83 0.00	46.50 0.69 0.00	42.49 0.21 0.00	42.68 -0.09 0.00	45.91 -0.09 0.00	48.11 -0.88 0.00	50.60 -1.14 0.00	53.92 -0.60 0.00	57.95 0.63 0.00	59.53 1.34 0.00	67.47 1.13 0.00	74.17 2.58 0.00	85.01 2.87 0.00	94.47 2.93 0.00	101.50 1.10 0.00	128.27 -0.39 0.00	157.72 -2.40 0.00	180.14 -1.64 0.00	153.26 -1.86 0.00	113.01 -0.45 0.00	89.82 0.45 0.00	72.97 1.43 0.00	64.26 1.99 0.00

SAWYER___23_KV_LOAD 55526	50.95 0.70 0.00	48.66 1.83 0.00	46.50 0.69 0.00	42.49 0.21 0.00	42.68 -0.09 0.00	45.91 -0.09 0.00	48.11 -0.88 0.00	50.60 -1.14 0.00	53.92 -0.60 0.00	57.95 0.63 0.00	59.53 1.34 0.00	67.47 1.13 0.00	74.17 2.58 0.00	85.01 2.87 0.00	94.47 2.93 0.00	101.50 1.10 0.00	128.27 -0.39 0.00	157.72 -2.40 0.00	180.14 -1.64 0.00	153.26 -1.86 0.00	113.01 -0.45 0.00	89.82 0.45 0.00	72.97 1.43 0.00	64.26 1.99 0.00
SELKIRK___I 23801	50.34 0.10 0.00	46.88 0.05 0.00	46.00 0.18 0.00	42.50 0.21 0.00	42.86 0.09 0.00	46.09 0.09 0.00	48.80 -0.20 0.00	51.46 -0.26 0.02	50.16 -0.44 3.92	52.02 -0.63 4.67	53.90 -0.76 3.54	59.67 -0.86 5.80	63.75 -0.50 7.35	71.41 -0.41 10.32	78.39 -0.09 13.06	98.53 0.10 1.97	118.51 -0.51 9.63	141.50 -0.16 18.46	157.20 -0.18 24.40	138.02 -0.15 16.94	108.42 0.46 5.50	88.14 0.45 1.69	71.39 -0.14 0.00	61.71 -0.56 0.00
SELKIRK___II 23799	50.60 0.35 0.00	47.16 0.33 0.00	46.27 0.46 0.00	42.75 0.47 0.00	43.11 0.34 0.00	46.36 0.37 0.00	49.14 0.15 0.00	51.83 0.16 0.06	40.43 0.11 14.20	40.43 0.00 16.89	45.28 -0.12 12.79	45.28 -0.07 20.99	45.28 0.29 26.60	45.28 0.50 37.35	45.28 1.01 47.27	94.58 1.30 7.12	94.58 0.78 34.85	94.58 1.28 66.82	94.58 1.10 88.29	94.58 0.78 61.32	94.58 1.02 19.90	88.47 0.98 1.89	71.82 0.29 0.00	62.02 -0.25 0.00
SENECA OSWGO___HYD 24041	49.84 -0.40 0.00	46.45 -0.38 0.00	45.31 -0.50 0.00	41.78 -0.51 0.00	42.26 -0.51 0.00	45.40 -0.60 0.00	48.16 -0.83 0.00	50.96 -0.77 0.00	53.81 -0.71 0.00	56.80 -0.52 0.00	57.72 -0.47 0.00	65.81 -0.53 0.00	71.38 -0.21 0.00	82.14 0.00 0.00	91.72 0.18 0.00	100.30 -0.10 0.00	128.01 -0.64 0.00	158.96 -1.44 -0.28	182.00 -0.90 -1.13	154.79 -0.77 -0.45	113.24 -0.23 0.00	89.38 0.00 0.00	71.39 -0.14 0.00	61.84 -0.43 0.00
SENECA___115KV_TB3 355854	51.50 1.26 0.00	49.08 2.25 0.00	46.92 1.10 0.00	42.83 0.55 0.00	43.07 0.30 0.00	46.32 0.32 0.00	48.70 -0.29 0.00	51.27 -0.47 0.00	54.63 0.11 0.00	58.69 1.38 0.00	60.34 2.15 0.00	68.39 2.06 0.00	75.24 3.65 0.00	86.41 4.27 0.00	96.02 4.49 0.00	103.11 2.71 0.00	130.46 1.80 0.00	160.12 0.00 0.00	183.05 1.27 0.00	155.74 0.62 0.00	114.83 1.36 0.00	91.17 1.79 0.00	73.97 2.43 0.00	65.01 2.74 0.00
SENECA___ENERGY 23797	51.04 0.80 0.00	47.67 0.84 0.00	46.27 0.46 0.00	42.54 0.26 0.00	43.11 0.34 0.00	46.28 0.28 0.00	49.14 0.15 0.00	51.94 0.21 0.00	54.95 0.43 0.00	58.18 0.86 0.00	59.35 1.16 0.00	67.60 1.26 0.00	73.53 1.93 0.00	84.69 2.55 0.00	94.28 2.74 0.00	102.41 2.01 0.00	130.59 1.93 0.00	161.84 1.60 -0.11	185.13 2.90 -0.45	157.77 2.47 -0.18	115.73 2.27 0.00	91.70 2.32 0.00	73.54 2.00 0.00	63.70 1.43 0.00
SHOEMAKER___GT 23640	52.40 2.16 0.00	48.89 2.06 0.00	47.79 1.97 0.00	44.14 1.86 0.00	44.52 1.75 0.00	47.93 1.93 0.00	50.90 1.91 0.00	53.86 2.12 0.00	56.59 2.07 0.00	59.38 2.06 0.00	60.23 2.04 0.00	68.72 2.38 0.00	74.67 3.08 0.00	86.00 3.86 0.00	96.29 4.76 0.00	106.12 5.72 0.00	135.08 6.43 0.00	168.13 8.00 0.00	190.14 8.37 0.00	162.11 6.99 0.00	119.13 5.67 0.00	93.58 4.20 0.00	74.11 2.57 0.00	63.95 1.68 0.00
SHOEMAKR_138KV_BK 111 55601	52.40 2.16 0.00	48.80 1.97 0.00	47.70 1.88 0.00	44.06 1.78 0.00	44.52 1.75 0.00	47.84 1.84 0.00	50.85 1.86 0.00	53.80 2.07 0.00	56.59 2.07 0.00	59.38 2.06 0.00	60.23 2.04 0.00	68.79 2.45 0.00	74.67 3.08 0.00	86.08 3.94 0.00	96.39 4.85 0.00	106.22 5.82 0.00	135.22 6.56 0.00	168.13 8.01 0.00	189.96 8.18 0.00	162.10 6.98 0.00	119.14 5.67 0.00	93.49 4.11 0.00	74.11 2.58 0.00	63.95 1.68 0.00
SHOREHAM_IC_1 23715	53.61 3.37 0.00	50.67 3.84 0.00	49.48 3.67 0.00	45.54 3.26 0.00	45.55 2.78 0.00	49.31 3.31 0.00	52.22 3.23 0.00	54.27 2.53 0.00	55.44 1.31 0.39	56.26 1.26 2.32	60.46 2.27 0.00	69.20 3.05 0.19	75.26 3.72 0.06	86.29 4.51 0.36	97.47 6.31 0.38	109.44 9.04 0.00	139.99 11.32 -0.02	211.51 14.72 -36.66	206.29 14.00 -10.52	163.12 11.32 3.32	120.91 7.49 0.04	93.67 4.29 0.00	71.42 1.00 1.12	56.31 0.75 6.70
SHOREHAM_IC_2 23716	53.56 3.32 0.00	50.48 3.65 0.00	49.16 3.34 0.00	45.24 2.96 0.00	45.46 2.69 0.00	48.57 2.58 0.00	51.59 2.60 0.00	53.65 1.91 0.00	55.39 1.25 0.39	56.26 1.26 2.32	60.46 2.27 0.00	69.20 3.05 0.19	75.11 3.58 0.06	86.37 4.60 0.36	97.47 6.32 0.38	109.44 9.04 0.00	139.99 11.32 -0.02	211.52 14.73 -36.66	206.29 14.00 -10.52	163.13 11.32 3.32	120.91 7.49 0.04	93.67 4.29 0.00	73.35 2.93 1.12	56.31 0.75 6.70
SISSONVILLE____ 23735	49.84 -0.40 0.00	46.17 -0.66 0.00	45.31 -0.50 0.00	41.86 -0.42 0.00	42.00 -0.77 0.00	45.03 -0.97 0.00	48.55 -0.44 0.00	51.01 -0.72 0.00	53.65 -0.87 0.00	55.71 -1.60 0.00	56.09 -2.09 0.00	63.95 -2.39 0.00	68.23 -3.36 0.00	77.95 -4.19 0.00	86.32 -5.22 0.00	95.18 -5.22 0.00	123.77 -4.89 0.00	155.32 -4.80 0.00	176.69 -5.09 0.00	151.86 -3.26 0.00	109.95 -3.52 0.00	86.43 -2.95 0.00	69.68 -1.86 0.00	61.77 -0.50 0.00
SITHE_IND_GS1 24169	49.14 -1.11 0.00	45.80 -1.03 0.00	44.72 -1.10 0.00	41.18 -1.10 0.00	41.66 -1.11 0.00	44.80 -1.20 0.00	47.52 -1.47 0.00	50.29 -1.45 0.00	53.10 -1.42 0.00	56.00 -1.32 0.00	56.91 -1.28 0.00	64.82 -1.52 0.00	70.31 -1.29 0.00	80.74 -1.40 0.00	90.17 -1.37 0.00	98.49 -1.91 0.00	125.82 -2.83 0.00	155.13 -4.16 0.83	174.31 -4.17 3.29	150.09 -3.72 1.30	111.08 -2.39 0.00	87.77 -1.61 0.00	70.17 -1.36 0.00	60.90 -1.37 0.00
SITHE_IND_GS2 24170	49.14 -1.11 0.00	45.80 -1.03 0.00	44.72 -1.10 0.00	41.18 -1.10 0.00	41.66 -1.11 0.00	44.80 -1.20 0.00	47.52 -1.47 0.00	50.29 -1.45 0.00	53.10 -1.42 0.00	56.00 -1.32 0.00	56.91 -1.28 0.00	64.82 -1.52 0.00	70.31 -1.29 0.00	80.74 -1.40 0.00	90.17 -1.37 0.00	98.49 -1.91 0.00	125.82 -2.83 0.00	155.13 -4.16 0.83	174.31 -4.17 3.29	150.09 -3.72 1.30	111.08 -2.39 0.00	87.77 -1.61 0.00	70.17 -1.36 0.00	60.90 -1.37 0.00
SITHE_IND_GS3 24171	49.14 -1.11 0.00	45.80 -1.03 0.00	44.72 -1.10 0.00	41.18 -1.10 0.00	41.66 -1.11 0.00	44.80 -1.20 0.00	47.52 -1.47 0.00	50.29 -1.45 0.00	53.10 -1.42 0.00	56.00 -1.32 0.00	56.91 -1.28 0.00	64.82 -1.52 0.00	70.31 -1.29 0.00	80.74 -1.40 0.00	90.17 -1.37 0.00	98.49 -1.91 0.00	125.82 -2.83 0.00	155.13 -4.16 0.83	174.31 -4.17 3.29	150.09 -3.72 1.30	111.08 -2.39 0.00	87.77 -1.61 0.00	70.17 -1.36 0.00	60.90 -1.37 0.00
SITHE_IND_GS4 24172	49.14 -1.11 0.00	45.80 -1.03 0.00	44.72 -1.10 0.00	41.18 -1.10 0.00	41.66 -1.11 0.00	44.80 -1.20 0.00	47.52 -1.47 0.00	50.29 -1.45 0.00	53.10 -1.42 0.00	56.00 -1.32 0.00	56.91 -1.28 0.00	64.82 -1.52 0.00	70.31 -1.29 0.00	80.74 -1.40 0.00	90.17 -1.37 0.00	98.49 -1.91 0.00	125.82 -2.83 0.00	155.13 -4.16 0.83	174.31 -4.17 3.29	150.09 -3.72 1.30	111.08 -2.39 0.00	87.77 -1.61 0.00	70.17 -1.36 0.00	60.90 -1.37 0.00

SITHE___BATAVIA 24024	52.45 2.21 0.00	49.22 2.39 0.00	46.96 1.15 0.00	42.83 0.55 0.00	43.50 0.73 0.00	46.69 0.69 0.00	49.14 0.15 0.00	51.84 0.10 0.00	55.22 0.71 0.00	59.09 1.78 0.00	60.63 2.44 0.00	68.86 2.52 0.00	74.03 2.44 0.00	85.09 2.95 0.00	94.74 3.20 0.00	102.30 1.90 0.00	129.94 1.29 0.00	159.96 -0.16 0.00	183.78 2.00 0.00	156.35 1.24 0.00	114.93 1.47 0.00	91.44 2.06 0.00	75.25 3.72 0.00	65.69 3.42 0.00
SITHE___INDEPEND 23800	49.14 -1.11 0.00	45.89 -0.94 0.00	44.76 -1.05 0.00	41.27 -1.01 0.00	41.66 -1.11 0.00	44.85 -1.15 0.00	47.57 -1.42 0.00	50.29 -1.45 0.00	53.10 -1.42 0.00	55.94 -1.38 0.00	56.91 -1.28 0.00	64.81 -1.53 0.00	70.30 -1.29 0.00	80.82 -1.31 0.00	90.16 -1.37 0.00	98.59 -1.81 0.00	125.82 -2.83 0.00	155.08 -4.16 0.88	174.09 -4.18 3.50	150.01 -3.72 1.38	111.08 -2.38 0.00	87.77 -1.61 0.00	70.11 -1.43 0.00	60.90 -1.37 0.00
SITHE___MASSENA 23902	49.69 -0.55 0.00	46.13 -0.70 0.00	45.22 -0.60 0.00	41.78 -0.51 0.00	42.21 -0.56 0.00	45.35 -0.64 0.00	48.89 -0.10 0.00	51.43 -0.31 0.00	54.14 -0.38 0.00	56.63 -0.69 0.00	57.38 -0.81 0.00	65.47 -0.86 0.00	69.95 -1.64 0.00	79.84 -2.30 0.00	88.33 -3.21 0.00	97.29 -3.11 0.00	126.21 -2.45 0.00	157.88 -2.24 0.00	179.23 -2.55 0.00	153.42 -1.70 0.00	111.30 -2.16 0.00	87.50 -1.88 0.00	70.46 -1.07 0.00	62.02 -0.25 0.00
SITHE___OGDNSBRG 24021	50.59 0.35 0.00	46.88 0.05 0.00	45.95 0.14 0.00	42.45 0.17 0.00	42.77 0.00 0.00	46.09 0.09 0.00	49.63 0.64 0.00	52.05 0.31 0.00	54.57 0.05 0.00	56.69 -0.63 0.00	57.26 -0.93 0.00	65.21 -1.13 0.00	69.52 -2.08 0.00	79.35 -2.79 0.00	87.88 -3.66 0.00	96.89 -3.51 0.00	126.34 -2.32 0.00	159.00 -1.12 0.00	181.23 -0.55 0.00	156.21 1.09 0.00	113.35 -0.11 0.00	88.93 -0.45 0.00	71.61 0.07 0.00	63.14 0.87 0.00
SITHE___STERLING 23777	52.20 1.96 0.00	48.51 1.68 0.00	47.33 1.51 0.00	43.68 1.39 0.00	44.18 1.41 0.00	47.74 1.75 0.00	50.66 1.67 0.00	53.54 1.81 0.00	56.31 1.80 0.00	59.20 1.89 0.00	59.93 1.74 0.00	68.40 2.06 0.00	74.10 2.50 0.00	85.67 3.53 0.00	95.75 4.21 0.00	104.81 4.41 0.00	132.89 4.24 0.00	165.62 5.45 -0.05	189.05 7.08 -0.19	161.86 6.67 -0.07	118.45 4.99 0.00	93.31 3.93 0.00	74.18 2.65 0.00	64.13 1.87 0.00
SLEIGHT__34_KV_TB1 80719	51.00 0.75 0.00	47.95 1.12 0.00	46.32 0.50 0.00	42.49 0.21 0.00	42.81 0.04 0.00	46.23 0.23 0.00	48.84 -0.15 0.00	51.63 -0.10 0.00	54.74 0.22 0.00	58.12 0.80 0.00	59.35 1.16 0.00	67.73 1.39 0.00	73.81 2.22 0.00	84.85 2.71 0.00	94.65 3.11 0.00	102.91 2.51 0.00	131.10 2.44 0.00	162.08 1.92 -0.04	185.19 3.27 -0.14	157.66 2.48 -0.06	115.62 2.16 0.00	91.61 2.23 0.00	73.32 1.79 0.00	63.76 1.49 0.00
SMITHTWN_69_KV_BK 1 55830	54.16 3.92 0.00	51.09 4.26 0.00	49.67 3.85 0.00	45.75 3.47 0.00	45.98 3.21 0.00	49.17 3.17 0.00	52.18 3.18 0.00	54.22 2.48 0.00	56.26 2.13 0.39	57.24 2.24 2.31	61.27 3.08 0.00	69.99 4.05 0.40	75.99 4.51 0.11	87.03 5.59 0.70	98.22 7.41 0.73	110.54 10.14 0.00	141.04 12.61 0.22	295.61 16.01 -119.47	238.05 15.45 -40.83	163.52 12.10 3.70	121.44 8.06 0.08	94.20 4.83 0.00	74.14 3.72 1.11	57.04 1.43 6.66
SOUTH CAIRO___GT 23612	52.25 2.01 0.00	48.47 1.64 0.00	47.56 1.74 0.00	43.81 1.52 0.00	44.27 1.50 0.00	47.61 1.61 0.00	50.61 1.62 0.00	53.37 1.66 0.02	51.32 1.80 4.99	52.87 1.49 5.94	54.97 1.28 4.50	60.28 1.33 7.39	64.02 1.79 9.36	71.46 2.46 13.14	77.93 3.02 16.63	102.01 4.12 2.51	121.15 4.76 12.26	144.62 8.01 23.51	160.89 10.18 31.06	142.85 9.31 21.57	113.72 7.26 7.00	93.24 5.54 1.68	74.68 3.15 0.00	64.63 2.37 0.00
SOUTH HAMPTN___IC 23720	54.61 4.37 0.00	51.61 4.78 0.00	50.40 4.58 0.00	46.38 4.10 0.00	46.36 3.59 0.00	50.23 4.23 0.00	53.25 4.26 0.00	55.41 3.67 0.00	56.80 2.67 0.39	57.91 2.92 2.32	62.32 4.13 0.00	71.41 5.24 0.17	77.62 6.08 0.05	89.04 7.23 0.33	100.43 9.24 0.35	112.64 12.24 0.00	143.46 14.79 -0.01	207.94 18.73 -29.09	207.82 18.35 -7.69	167.15 15.36 3.33	123.52 10.09 0.04	95.63 6.25 0.00	72.92 2.50 1.12	57.67 2.12 6.72
SOUTHDOW_115KV_TB1 355954	52.80 2.56 0.00	50.15 3.32 0.00	47.92 2.11 0.00	43.81 1.52 0.00	44.18 1.41 0.00	47.56 1.56 0.00	50.36 1.37 0.00	53.18 1.45 0.00	56.70 2.18 0.00	60.98 3.67 0.00	62.73 4.54 0.00	71.18 4.84 0.00	78.54 6.94 0.00	90.43 8.30 0.00	100.23 8.70 0.00	107.43 7.03 0.00	135.60 6.95 0.00	166.37 6.24 0.00	190.32 8.54 0.00	161.94 6.83 0.00	119.36 5.90 0.00	94.74 5.36 0.00	76.69 5.15 0.00	67.00 4.73 0.00
SOUTHOLD_69_KV_BK 2 55809	55.67 5.43 0.00	52.40 5.57 0.00	51.04 5.22 0.00	46.98 4.69 0.00	47.18 4.41 0.00	50.51 4.51 0.00	53.65 4.65 0.00	55.93 4.19 0.00	58.22 4.09 0.39	59.64 4.64 2.32	64.30 6.11 0.00	73.73 7.56 0.17	80.13 8.59 0.05	92.07 10.27 0.33	103.64 12.45 0.35	116.06 15.66 0.00	144.75 16.08 -0.01	209.55 20.18 -29.25	208.97 19.45 -7.75	171.49 19.70 3.32	126.36 12.93 0.04	97.78 8.40 0.00	76.35 5.94 1.12	59.10 3.55 6.72
SOUTHOLD___IC 23719	55.67 5.43 0.00	52.59 5.76 0.00	51.31 5.50 0.00	47.27 4.99 0.00	47.26 4.49 0.00	51.19 5.20 0.00	54.28 5.29 0.00	56.55 4.81 0.00	58.22 4.09 0.39	59.63 4.64 2.32	64.30 6.11 0.00	73.73 7.56 0.17	80.20 8.66 0.05	91.99 10.18 0.33	103.64 12.45 0.35	116.06 15.66 0.00	144.75 16.08 -0.01	209.55 20.18 -29.25	208.98 19.46 -7.75	171.50 19.70 3.32	126.36 12.93 0.04	97.78 8.40 0.00	74.42 4.00 1.12	59.10 3.55 6.72
SOUTH_FORK_WT_PWR 323839	55.67 5.43 0.00	52.59 5.76 0.00	51.31 5.50 0.00	47.31 5.03 0.00	47.35 4.58 0.00	51.28 5.29 0.00	54.33 5.34 0.00	56.65 4.92 0.00	58.39 4.26 0.39	59.81 4.82 2.32	64.59 6.40 0.00	74.06 7.89 0.17	80.56 9.02 0.05	92.24 10.43 0.33	103.91 12.72 0.35	116.26 15.86 0.00	146.16 17.49 -0.01	211.06 21.77 -29.16	210.75 21.26 -7.72	171.18 19.39 3.33	126.02 12.59 0.04	97.59 8.22 0.00	74.27 3.86 1.12	59.03 3.48 6.72
SPIERFLS_115KV_TB 1 80737	53.00 2.76 0.00	49.17 2.34 0.00	48.06 2.25 0.00	44.27 1.99 0.00	44.74 1.97 0.00	48.02 2.02 0.00	50.95 1.96 0.00	53.91 2.17 0.00	56.64 2.13 0.00	59.32 2.01 0.00	59.64 1.45 0.00	67.93 1.59 0.00	73.88 2.29 0.00	85.01 2.87 0.00	95.20 3.66 0.00	105.12 4.72 0.00	134.44 5.79 0.00	168.77 8.65 0.00	193.96 12.18 0.00	165.67 10.55 0.00	121.97 8.51 0.00	97.79 6.52 -1.89	75.90 4.36 0.00	65.44 3.18 0.00
ST LAWRENCE____ 23600	49.18 -1.06 0.00	45.80 -1.03 0.00	44.85 -0.96 0.00	41.39 -0.89 0.00	41.92 -0.86 0.00	45.12 -0.88 0.00	48.45 -0.54 0.00	51.06 -0.67 0.00	53.81 -0.71 0.00	56.40 -0.92 0.00	57.26 -0.93 0.00	65.27 -1.06 0.00	69.81 -1.79 0.00	79.68 -2.46 0.00	88.25 -3.29 0.00	97.09 -3.31 0.00	125.70 -2.95 0.00	156.92 -3.20 0.00	178.14 -3.63 0.00	152.17 -2.95 0.00	110.51 -2.95 0.00	86.88 -2.50 0.00	70.03 -1.51 0.00	61.52 -0.74 0.00

STATE_CA_115KV_115_LB 55624	51.35 1.11 0.00	47.72 0.89 0.00	46.78 0.96 0.00	43.17 0.89 0.00	43.63 0.86 0.00	46.83 0.83 0.00	49.68 0.69 0.00	52.56 0.83 0.00	55.28 0.76 0.00	58.00 0.69 0.00	58.83 0.64 0.00	67.13 0.80 0.00	72.88 1.29 0.00	83.95 1.81 0.00	93.92 2.38 0.00	103.41 3.01 0.00	131.61 2.96 0.00	164.29 4.16 0.00	186.14 4.36 0.00	158.69 3.57 0.00	116.53 3.06 0.00	89.37 2.41 2.42	72.97 1.43 0.00	62.95 0.68 0.00
STATE_ST_34_KV_LOAD 55959	51.10 0.85 0.00	47.77 0.94 0.00	46.41 0.60 0.00	42.71 0.42 0.00	43.16 0.38 0.00	46.46 0.46 0.00	49.24 0.24 0.00	52.10 0.36 0.00	55.01 0.49 0.00	58.12 0.80 0.00	59.24 1.05 0.00	67.47 1.13 0.00	73.38 1.79 0.00	84.44 2.30 0.00	94.38 2.84 0.00	102.81 2.41 0.00	131.23 2.57 0.00	162.76 2.56 -0.08	186.09 4.00 -0.31	158.65 3.41 -0.12	116.41 2.95 0.00	91.97 2.59 0.00	73.47 1.93 0.00	63.58 1.31 0.00
STATION_5_MISC_HYD 23604	51.35 1.10 0.00	48.09 1.26 0.00	46.41 0.59 0.00	42.45 0.17 0.00	43.03 0.26 0.00	46.09 0.09 0.00	48.75 -0.24 0.00	51.53 -0.21 0.00	54.85 0.33 0.00	58.46 1.15 0.00	59.88 1.69 0.00	68.19 1.85 0.00	74.38 2.79 0.00	85.34 3.20 0.00	95.10 3.57 0.00	103.21 2.81 0.00	131.23 2.57 0.00	161.89 1.76 0.00	184.86 3.09 0.00	157.29 2.17 0.00	115.51 2.04 0.00	91.79 2.41 0.00	74.04 2.50 0.00	64.45 2.18 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	51.25 1.00 0.00	48.23 1.40 0.00	46.55 0.73 0.00	42.71 0.42 0.00	43.07 0.30 0.00	46.46 0.46 0.00	49.09 0.10 0.00	51.84 0.10 0.00	54.90 0.38 0.00	58.35 1.03 0.00	59.59 1.40 0.00	67.93 1.59 0.00	74.10 2.51 0.00	85.10 2.96 0.00	94.74 3.20 0.00	102.91 2.51 0.00	131.10 2.44 0.00	162.08 1.92 -0.03	185.36 3.45 -0.13	157.65 2.48 -0.05	115.73 2.27 0.00	91.88 2.50 0.00	73.61 2.07 0.00	64.01 1.74 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	51.05 0.80 0.00	48.19 1.36 0.00	46.41 0.60 0.00	42.49 0.21 0.00	42.77 0.00 0.00	46.18 0.18 0.00	48.70 -0.29 0.00	51.42 -0.31 0.00	54.63 0.11 0.00	58.18 0.86 0.00	59.53 1.34 0.00	67.86 1.53 0.00	74.17 2.58 0.00	85.01 2.87 0.00	94.65 3.11 0.00	102.81 2.41 0.00	130.71 2.06 0.00	161.40 1.28 0.00	184.32 2.54 0.00	156.83 1.71 0.00	115.05 1.59 0.00	91.34 1.97 0.00	73.32 1.79 0.00	64.01 1.74 0.00
STA_56___34_KV_BUS2 355983	51.05 0.80 0.00	48.19 1.36 0.00	46.41 0.60 0.00	42.49 0.21 0.00	42.77 0.00 0.00	46.18 0.18 0.00	48.70 -0.29 0.00	51.42 0.00 0.00	54.63 0.11 0.00	58.18 0.86 0.00	59.53 1.34 0.00	67.86 1.53 0.00	74.17 2.58 0.00	85.01 2.87 0.00	94.65 3.11 0.00	102.81 2.41 0.00	130.71 2.06 0.00	161.40 1.28 0.00	184.32 2.54 0.00	156.83 1.71 0.00	115.05 1.59 0.00	91.34 1.97 0.00	73.32 1.79 0.00	64.01 1.74 0.00
STA_67___115KV_BK2 355882	51.20 0.95 0.00	48.42 1.59 0.00	46.60 0.78 0.00	42.66 0.38 0.00	42.94 0.17 0.00	46.32 0.32 0.00	48.80 -0.20 0.00	51.48 -0.26 0.00	54.68 0.16 0.00	58.29 0.97 0.00	59.64 1.45 0.00	67.93 1.59 0.00	74.24 2.65 0.00	85.10 2.96 0.00	94.74 3.20 0.00	102.81 2.41 0.00	130.71 2.06 0.00	161.24 1.12 0.00	184.14 2.36 0.00	156.67 1.55 0.00	115.17 1.70 0.00	91.43 2.06 0.00	73.54 2.00 0.00	64.26 1.99 0.00
STA_7___115KV_9TRANS 80674	51.75 1.51 0.00	48.84 2.01 0.00	47.01 1.19 0.00	43.00 0.72 0.00	43.28 0.51 0.00	46.73 0.74 0.00	49.19 0.20 0.00	51.94 0.21 0.00	55.23 0.71 0.00	58.86 1.55 0.00	60.28 2.09 0.00	68.73 2.39 0.00	75.17 3.58 0.00	86.08 3.94 0.00	95.93 4.39 0.00	104.12 3.71 0.00	132.26 3.60 0.00	163.33 3.20 0.00	186.69 4.91 0.00	158.69 3.57 0.00	116.41 2.95 0.00	92.60 3.22 0.00	74.40 2.86 0.00	64.95 2.68 0.00
STA_82___115KV_TB1 80780	51.20 0.95 0.00	48.42 1.59 0.00	46.60 0.78 0.00	42.66 0.38 0.00	42.94 0.17 0.00	46.32 0.32 0.00	48.80 -0.20 0.00	51.48 -0.26 0.00	54.68 0.16 0.00	58.29 0.97 0.00	59.64 1.45 0.00	67.93 1.59 0.00	74.24 2.65 0.00	85.10 2.96 0.00	94.74 3.20 0.00	102.81 2.41 0.00	130.71 2.06 0.00	161.24 1.12 0.00	184.14 2.36 0.00	156.83 1.71 0.00	115.17 1.70 0.00	91.43 2.06 0.00	73.54 2.00 0.00	64.26 1.99 0.00
STEEL___WIND 323596	51.45 1.20 0.00	48.37 1.54 0.00	46.32 0.50 0.00	42.33 0.04 0.00	43.07 0.30 0.00	45.77 -0.23 0.00	48.41 -0.59 0.00	51.06 -0.67 0.00	54.57 0.05 0.00	58.64 1.32 0.00	60.28 2.09 0.00	68.33 1.99 0.00	74.96 3.37 0.00	86.16 4.02 0.00	95.84 4.30 0.00	102.81 2.41 0.00	130.20 1.55 0.00	159.96 -0.16 0.00	182.87 1.10 0.00	155.43 0.31 0.00	114.71 1.25 0.00	91.07 1.69 0.00	74.25 2.72 0.00	64.94 2.68 0.00
STEPHTWN_115KV_BK_2 55603	51.50 1.26 0.00	47.86 1.03 0.00	46.87 1.05 0.00	43.26 0.97 0.00	43.71 0.94 0.00	46.92 0.92 0.00	49.82 0.83 0.00	52.72 0.98 0.00	55.44 0.93 0.00	58.18 0.86 0.00	58.95 0.76 0.00	67.27 0.93 0.00	73.10 1.50 0.00	84.19 2.05 0.00	94.28 2.75 0.00	103.91 3.51 0.00	132.26 3.60 0.00	165.41 5.28 0.00	187.41 5.64 0.00	159.62 4.50 0.00	117.21 3.74 0.00	89.48 2.95 2.85	73.40 1.86 0.00	63.26 1.00 0.00
STEUBEN_REC_LFGE 323667	53.21 2.96 0.00	50.20 3.37 0.00	48.29 2.47 0.00	44.31 2.03 0.00	44.70 1.92 0.00	48.11 2.12 0.00	50.80 1.81 0.00	53.49 1.76 0.00	56.26 1.74 0.00	59.84 2.52 0.00	61.10 2.91 0.00	69.52 3.18 0.00	76.10 4.51 0.00	87.48 5.34 0.00	97.58 6.04 0.00	105.12 4.72 0.00	133.67 5.02 0.00	165.25 5.12 0.00	189.96 8.18 0.00	162.57 7.45 0.00	120.16 6.69 0.00	95.28 5.90 0.00	76.76 5.22 0.00	66.69 4.42 0.00
STILLWATER___SOLAR 323814	53.05 2.81 0.00	49.36 2.53 0.00	48.29 2.47 0.00	44.52 2.24 0.00	44.91 2.14 0.00	48.30 2.30 0.00	51.20 2.21 0.00	54.06 2.33 0.00	56.81 2.29 0.00	59.49 2.18 0.00	60.11 1.92 0.00	68.46 2.12 0.00	74.46 2.87 0.00	85.59 3.45 0.00	95.84 4.30 0.00	105.72 5.32 0.00	135.08 6.43 0.00	169.09 8.96 0.00	192.87 11.09 0.00	164.74 9.62 0.00	121.18 7.72 0.00	98.20 6.08 -2.74	75.68 4.15 0.00	65.32 3.05 0.00
STONY___BROOK 24151	54.11 3.87 0.00	51.19 4.36 0.00	49.94 4.13 0.00	46.00 3.72 0.00	46.02 3.25 0.00	49.77 3.77 0.00	52.76 3.77 0.00	54.84 3.10 0.00	56.20 2.07 0.39	57.13 2.12 2.31	61.15 2.97 0.00	69.91 3.85 0.28	75.81 4.30 0.08	86.81 5.18 0.51	97.96 6.95 0.54	110.04 9.64 0.00	140.65 11.97 -0.03	247.75 15.22 -72.41	220.17 14.55 -23.84	163.31 11.48 3.29	121.01 7.60 0.06	93.84 4.47 0.00	71.78 1.36 1.11	56.90 1.31 6.67
STURGEON_POOL_HYD 23609	52.90 2.66 0.00	49.22 2.39 0.00	48.20 2.38 0.00	44.52 2.24 0.00	44.95 2.18 0.00	48.30 2.30 0.00	51.39 2.40 0.00	54.37 2.64 0.00	56.24 2.83 1.11	58.91 2.92 1.32	60.04 2.85 1.00	68.07 3.38 1.65	73.52 4.01 2.09	84.22 5.01 2.93	93.96 6.13 3.71	107.27 7.43 0.56	134.41 8.49 2.73	165.61 10.73 5.24	185.94 11.09 6.93	159.62 9.31 4.81	119.16 7.26 1.56	94.41 5.36 0.34	74.76 3.22 0.00	64.45 2.18 0.00

ST_LAW_115_BK7_LBMP 345037	49.18 -1.06 0.00	45.75 -1.08 0.00	44.81 -1.01 0.00	41.35 -0.93 0.00	41.87 -0.90 0.00	45.03 -0.97 0.00	48.41 -0.59 0.00	51.01 -0.72 0.00	53.75 -0.76 0.00	56.34 -0.97 0.00	57.14 -1.05 0.00	65.15 -1.19 0.00	69.66 -1.93 0.00	79.51 -2.63 0.00	87.97 -3.57 0.00	96.79 -3.61 0.00	125.44 -3.21 0.00	156.60 -3.52 0.00	177.78 -4.00 0.00	152.02 -3.10 0.00	110.29 -3.18 0.00	86.70 -2.68 0.00	69.89 -1.64 0.00	61.52 -0.74 0.00
ST_LAW_115_BK8_LBMP 345038	49.18 -1.06 0.00	45.75 -1.08 0.00	44.81 -1.01 0.00	41.35 -0.93 0.00	41.87 -0.90 0.00	45.03 -0.97 0.00	48.41 -0.59 0.00	51.01 -0.72 0.00	53.75 -0.76 0.00	56.34 -0.97 0.00	57.14 -1.05 0.00	65.15 -1.19 0.00	69.66 -1.93 0.00	79.51 -2.63 0.00	87.97 -3.57 0.00	96.79 -3.61 0.00	125.44 -3.21 0.00	156.60 -3.52 0.00	177.78 -4.00 0.00	152.02 -3.10 0.00	110.29 -3.18 0.00	86.70 -2.68 0.00	69.89 -1.64 0.00	61.52 -0.74 0.00
ST_LAW_230_BK5_LBMP 345035	49.18 -1.06 0.00	45.80 -1.03 0.00	44.85 -0.96 0.00	41.39 -0.89 0.00	41.92 -0.86 0.00	45.12 -0.88 0.00	48.45 -0.54 0.00	51.06 -0.67 0.00	53.81 -0.71 0.00	56.40 -0.92 0.00	57.26 -0.93 0.00	65.27 -1.06 0.00	69.81 -1.79 0.00	79.68 -2.46 0.00	88.25 -3.29 0.00	97.09 -3.31 0.00	125.70 -2.95 0.00	156.92 -3.20 0.00	178.14 -3.63 0.00	152.17 -2.95 0.00	110.51 -2.95 0.00	86.88 -2.50 0.00	70.03 -1.51 0.00	61.52 -0.74 0.00
ST_LAW_230_BK6_LBMP 345036	49.18 -1.06 0.00	45.80 -1.03 0.00	44.85 -0.96 0.00	41.39 -0.89 0.00	41.92 -0.86 0.00	45.12 -0.88 0.00	48.45 -0.54 0.00	51.06 -0.67 0.00	53.81 -0.71 0.00	56.40 -0.92 0.00	57.26 -0.93 0.00	65.27 -1.06 0.00	69.81 -1.79 0.00	79.68 -2.46 0.00	88.25 -3.29 0.00	97.09 -3.31 0.00	125.70 -2.95 0.00	156.92 -3.20 0.00	178.14 -3.63 0.00	152.17 -2.95 0.00	110.51 -2.95 0.00	86.88 -2.50 0.00	70.03 -1.51 0.00	61.52 -0.74 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	52.60 2.36 0.00	48.98 2.15 0.00	47.88 2.06 0.00	44.23 1.95 0.00	44.70 1.92 0.00	48.02 2.02 0.00	51.10 2.11 0.00	54.11 2.38 0.00	56.92 2.40 0.00	59.72 2.41 0.00	60.63 2.44 0.00	69.26 2.92 0.00	75.17 3.58 0.00	86.66 4.52 0.00	97.12 5.58 0.00	107.13 6.73 0.00	136.12 7.46 0.00	169.41 9.29 0.00	191.23 9.45 0.00	162.88 7.76 0.00	119.70 6.24 0.00	93.85 4.47 0.00	74.40 2.86 0.00	64.07 1.81 0.00
SWANROAD_115KV_TB1 355699	50.49 0.25 0.00	48.28 1.45 0.00	46.14 0.32 0.00	41.61 -0.68 0.00	41.79 -0.98 0.00	44.94 -1.06 0.00	47.18 -1.81 0.00	49.35 -2.38 0.00	52.66 -1.85 0.00	56.57 -0.75 0.00	58.13 -0.06 0.00	65.81 -0.53 0.00	72.31 0.72 0.00	82.80 0.66 0.00	91.90 0.37 0.00	98.69 -1.71 0.00	124.79 -3.86 0.00	153.40 -6.73 0.00	175.23 -6.54 0.00	149.07 -6.05 0.00	110.06 -3.40 0.00	87.50 -1.88 0.00	71.18 -0.36 0.00	62.95 0.68 0.00
SYNERGY___BIOGAS 323694	52.45 2.21 0.00	49.83 3.00 0.00	47.70 1.88 0.00	43.30 1.01 0.00	43.50 0.73 0.00	47.01 1.01 0.00	49.38 0.39 0.00	51.99 0.26 0.00	55.28 0.76 0.00	59.09 1.78 0.00	60.63 2.44 0.00	68.86 2.52 0.00	75.60 4.01 0.00	85.18 3.04 0.00	94.74 3.20 0.00	102.41 2.01 0.00	129.94 1.29 0.00	160.12 0.00 0.00	183.78 2.00 0.00	156.36 1.24 0.00	114.94 1.48 0.00	91.43 2.06 0.00	73.75 2.22 0.00	65.69 3.42 0.00
SYRACUSE___ENERGY_ST1 323597	50.24 0.00 0.00	46.92 0.09 0.00	45.73 -0.09 0.00	42.11 -0.17 0.00	42.56 -0.21 0.00	45.81 -0.18 0.00	48.55 -0.44 0.00	51.37 -0.36 0.00	54.30 -0.22 0.00	57.26 -0.06 0.00	58.31 0.12 0.00	66.40 0.07 0.00	72.17 0.57 0.00	83.04 0.90 0.00	92.82 1.28 0.00	101.30 0.90 0.00	129.30 0.64 0.00	160.22 0.00 -0.10	182.90 0.73 -0.40	155.90 0.62 -0.16	114.26 0.79 0.00	90.27 0.89 0.00	72.04 0.50 0.00	62.45 0.19 0.00
SYRACUSE___ENERGY_ST2 323598	50.24 0.00 0.00	46.92 0.09 0.00	45.73 -0.09 0.00	42.11 -0.17 0.00	42.56 -0.21 0.00	45.81 -0.18 0.00	48.55 -0.44 0.00	51.37 -0.36 0.00	54.30 -0.22 0.00	57.26 -0.06 0.00	58.31 0.12 0.00	66.40 0.07 0.00	72.17 0.57 0.00	83.04 0.90 0.00	92.82 1.28 0.00	101.30 0.90 0.00	129.30 0.64 0.00	160.22 0.00 -0.10	182.90 0.73 -0.40	155.90 0.62 -0.16	114.26 0.79 0.00	90.27 0.89 0.00	72.04 0.50 0.00	62.45 0.19 0.00
SYRACUSE___POWER 24017	50.34 0.10 0.00	47.02 0.19 0.00	45.82 0.00 0.00	42.20 -0.08 0.00	42.64 -0.13 0.00	45.91 -0.09 0.00	48.70 -0.29 0.00	51.53 -0.21 0.00	54.41 -0.11 0.00	57.43 0.11 0.00	58.42 0.23 0.00	66.60 0.27 0.00	72.31 0.72 0.00	83.29 1.15 0.00	93.09 1.56 0.00	101.61 1.20 0.00	129.55 0.90 0.00	160.64 0.48 -0.03	183.18 1.27 -0.13	156.10 0.93 -0.05	114.48 1.02 0.00	90.45 1.07 0.00	72.18 0.64 0.00	62.52 0.25 0.00
TALLMAN_138KV_BK151 55660	52.95 2.71 0.00	49.31 2.48 0.00	48.11 2.29 0.00	44.48 2.20 0.00	44.95 2.18 0.00	48.25 2.25 0.00	51.39 2.40 0.00	54.42 2.69 0.00	57.30 2.78 0.00	60.18 2.87 0.00	61.04 2.85 0.00	69.72 3.38 0.00	75.75 4.15 0.00	87.48 5.34 0.00	98.04 6.50 0.00	108.13 7.73 0.00	137.27 8.62 0.00	170.69 10.57 0.00	192.32 10.54 0.00	163.65 8.53 0.00	120.38 6.92 0.00	94.38 5.01 0.00	74.76 3.22 0.00	64.26 1.99 0.00
TEALLAVE_115KV_TB7 355573	50.19 -0.05 0.00	46.88 0.05 0.00	45.68 -0.14 0.00	42.11 -0.17 0.00	42.51 -0.26 0.00	45.77 -0.23 0.00	48.50 -0.49 0.00	51.37 -0.36 0.00	54.25 -0.27 0.00	57.26 -0.06 0.00	58.31 0.12 0.00	66.40 0.07 0.00	72.17 0.57 0.00	83.04 0.90 0.00	92.73 1.19 0.00	101.20 0.80 0.00	129.04 0.39 0.00	159.99 -0.16 -0.03	182.26 0.36 -0.12	155.48 0.31 -0.05	114.03 0.57 0.00	90.00 0.63 0.00	71.89 0.36 0.00	62.27 0.00 0.00
TELGRAPH_34_KV_EAST 80808	51.35 1.11 0.00	48.98 2.15 0.00	46.82 1.01 0.00	42.45 0.17 0.00	42.64 -0.13 0.00	45.95 -0.05 0.00	48.21 -0.78 0.00	50.65 -1.09 0.00	53.97 -0.55 0.00	57.89 0.57 0.00	59.47 1.28 0.00	67.40 1.06 0.00	74.03 2.43 0.00	84.60 2.46 0.00	93.92 2.38 0.00	101.10 0.70 0.00	127.88 -0.77 0.00	157.88 -2.24 0.00	180.69 -1.09 0.00	153.57 -1.55 0.00	113.24 -0.23 0.00	90.00 0.63 0.00	72.97 1.43 0.00	64.39 2.12 0.00
TEMPLE___115KV_TB 2 55572	50.24 0.00 0.00	46.92 0.09 0.00	45.73 -0.09 0.00	42.11 -0.17 0.00	42.56 -0.21 0.00	45.81 -0.18 0.00	48.55 -0.44 0.00	51.37 -0.36 0.00	54.30 -0.22 0.00	57.32 0.00 0.00	58.36 0.17 0.00	66.47 0.13 0.00	72.24 0.64 0.00	83.12 0.99 0.00	92.91 1.37 0.00	101.40 1.00 0.00	129.17 0.51 0.00	160.15 0.00 -0.02	182.42 0.55 -0.10	155.62 0.47 -0.04	114.14 0.68 0.00	90.09 0.72 0.00	71.97 0.43 0.00	62.33 0.06 0.00
TIANA___69_KV_BK 1 55817	54.41 4.17 0.00	51.23 4.40 0.00	49.89 4.08 0.00	45.88 3.59 0.00	46.11 3.34 0.00	49.31 3.31 0.00	52.37 3.38 0.00	54.48 2.74 0.00	56.48 2.34 0.39	57.52 2.52 2.32	61.86 3.67 0.00	70.88 4.71 0.17	76.98 5.44 0.05	88.46 6.65 0.33	99.79 8.60 0.35	111.85 11.45 0.00	142.69 14.02 -0.01	207.28 17.93 -29.22	206.96 17.45 -7.74	166.38 14.58 3.33	122.96 9.53 0.04	95.28 5.90 0.00	74.56 4.15 1.12	57.36 1.81 6.72

TILDEN___115KV_TB1 80814	50.34 0.10 0.00	47.02 0.19 0.00	45.82 0.00 0.00	42.20 -0.08 0.00	42.64 -0.13 0.00	45.91 -0.09 0.00	48.70 -0.29 0.00	51.53 -0.21 0.00	54.41 -0.11 0.00	57.43 0.11 0.00	58.42 0.23 0.00	66.60 0.27 0.00	72.31 0.72 0.00	83.29 1.15 0.00	93.09 1.56 0.00	101.61 1.20 0.00	129.55 0.90 0.00	160.64 0.48 -0.03	183.18 1.27 -0.13	156.10 0.93 -0.05	114.48 1.02 0.00	90.45 1.07 0.00	72.18 0.64 0.00	62.52 0.25 0.00
TRIGEN___CC 323695	53.71 3.47 0.00	50.44 3.61 0.00	49.12 3.30 0.00	45.29 3.00 0.00	45.59 2.82 0.00	48.85 2.85 0.00	51.88 2.89 0.00	54.27 2.53 0.00	56.88 2.45 0.09	59.29 2.52 0.55	61.22 3.03 0.00	70.12 3.78 0.00	76.10 4.51 0.00	87.64 5.50 0.00	98.59 7.05 0.00	109.64 9.24 0.00	139.59 10.94 0.00	173.89 13.77 0.00	195.05 13.27 0.00	165.67 10.55 0.00	120.84 7.38 0.00	94.29 4.92 0.00	75.54 3.79 -0.21	65.13 1.68 -1.19
TRINITY___115KV___4 BK 55933	51.05 0.80 0.00	47.49 0.66 0.00	46.60 0.78 0.00	43.00 0.72 0.00	43.41 0.64 0.00	46.64 0.64 0.00	49.48 0.49 0.00	52.30 0.57 0.00	55.01 0.49 0.00	57.72 0.40 0.00	58.54 0.35 0.00	66.74 0.40 0.00	72.45 0.86 0.00	83.45 1.31 0.00	93.37 1.83 0.00	102.81 2.41 0.00	130.84 2.19 0.00	163.33 3.20 0.00	184.87 3.09 0.00	157.60 2.48 0.00	115.85 2.38 0.00	88.47 1.88 2.78	72.54 1.00 0.00	62.64 0.37 0.00
UNION___PROCESSING_DRP 323587	51.25 1.00 0.00	48.42 1.59 0.00	46.64 0.82 0.00	42.66 0.38 0.00	42.94 0.17 0.00	46.37 0.37 0.00	48.80 -0.20 0.00	51.53 -0.21 0.00	54.74 0.22 0.00	58.29 0.97 0.00	59.70 1.51 0.00	68.00 1.66 0.00	74.31 2.72 0.00	85.10 2.96 0.00	94.83 3.30 0.00	102.91 2.51 0.00	130.71 2.06 0.00	161.40 1.28 0.00	184.32 2.54 0.00	156.83 1.71 0.00	115.17 1.70 0.00	91.52 2.15 0.00	73.54 2.00 0.00	64.26 1.99 0.00
UPPER HUDSON___HYD 24058	53.00 2.76 0.00	49.22 2.39 0.00	48.06 2.24 0.00	44.31 2.03 0.00	44.74 1.97 0.00	48.07 2.07 0.00	50.95 1.96 0.00	53.91 2.17 0.00	56.64 2.12 0.00	59.32 2.01 0.00	59.65 1.46 0.00	67.93 1.59 0.00	73.95 2.36 0.00	84.93 2.79 0.00	95.20 3.67 0.00	105.12 4.72 0.00	134.45 5.79 0.00	168.76 8.64 0.00	193.96 12.18 0.00	165.67 10.55 0.00	121.98 8.51 0.00	97.79 6.52 -1.89	75.90 4.36 0.00	65.44 3.17 0.00
UPPER RAQUET___HYD 24056	49.84 -0.40 0.00	46.22 -0.61 0.00	45.31 -0.50 0.00	41.90 -0.38 0.00	42.00 -0.77 0.00	45.03 -0.97 0.00	48.55 -0.44 0.00	51.01 -0.72 0.00	53.64 -0.87 0.00	55.71 -1.60 0.00	56.10 -2.09 0.00	63.95 -2.39 0.00	68.30 -3.29 0.00	78.03 -4.10 0.00	86.32 -5.21 0.00	95.18 -5.23 0.00	123.77 -4.89 0.00	155.35 -4.80 -0.02	176.79 -5.09 -0.10	151.89 -3.26 -0.04	109.95 -3.52 0.00	86.43 -2.95 0.00	69.68 -1.86 0.00	61.77 -0.50 0.00
VALLEY44_115KV_TB2 355964	50.84 0.60 0.00	48.28 1.45 0.00	46.00 0.18 0.00	42.20 -0.08 0.00	42.68 -0.09 0.00	45.72 -0.28 0.00	48.45 -0.54 0.00	51.37 -0.36 0.00	54.63 0.11 0.00	58.58 1.26 0.00	60.23 2.04 0.00	68.20 1.86 0.00	74.81 3.22 0.00	86.00 3.86 0.00	95.66 4.12 0.00	102.31 1.91 0.00	129.55 0.90 0.00	159.00 -1.12 0.00	181.41 -0.36 0.00	154.50 -0.62 0.00	114.37 0.91 0.00	90.99 1.61 0.00	73.68 2.15 0.00	64.26 1.99 0.00
VALLEY___115KV_TB 1-4 80826	50.49 0.25 0.00	47.02 0.19 0.00	45.95 0.14 0.00	42.41 0.13 0.00	42.90 0.13 0.00	46.27 0.28 0.00	49.19 0.20 0.00	51.94 0.21 0.00	54.68 0.16 0.00	57.43 0.11 0.00	58.19 0.00 0.00	66.40 0.07 0.00	71.81 0.21 0.00	82.63 0.49 0.00	92.27 0.73 0.00	101.20 0.80 0.00	129.30 0.64 0.00	161.08 0.96 0.00	182.87 1.09 0.00	156.21 1.09 0.00	114.37 0.91 0.00	90.09 0.72 0.00	71.97 0.43 0.00	62.39 0.12 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	53.00 2.76 0.00	49.36 2.53 0.00	48.34 2.52 0.00	44.65 2.37 0.00	45.12 2.35 0.00	48.67 2.67 0.00	51.49 2.50 0.00	54.37 2.64 0.00	57.19 2.67 0.00	60.12 2.81 0.00	60.92 2.73 0.00	69.52 3.18 0.00	75.46 3.87 0.00	87.23 5.09 0.00	97.58 6.04 0.00	106.73 6.33 0.00	136.12 7.46 0.00	169.41 9.29 0.00	192.50 10.72 0.00	164.43 9.31 0.00	120.84 7.38 0.00	95.28 5.90 0.00	75.68 4.15 0.00	65.32 3.05 0.00
VISCHER___FERRY HYD 24020	52.35 2.11 0.00	48.75 1.92 0.00	47.74 1.92 0.00	44.02 1.73 0.00	44.40 1.62 0.00	47.79 1.79 0.00	50.70 1.71 0.00	53.59 1.86 0.00	56.31 1.80 0.00	59.03 1.72 0.00	59.76 1.57 0.00	68.13 1.79 0.00	74.03 2.44 0.00	85.09 2.95 0.00	95.38 3.84 0.00	105.02 4.62 0.00	133.93 5.28 0.00	167.34 7.21 0.00	189.77 7.99 0.00	161.94 6.82 0.00	119.13 5.67 0.00	99.31 4.47 -5.46	74.47 2.93 0.00	64.26 1.99 0.00
V_A_10_SYNC_DSASP 323832	50.49 0.25 0.00	48.09 1.26 0.00	46.14 0.32 0.00	42.20 -0.08 0.00	42.39 -0.38 0.00	45.68 -0.32 0.00	47.91 -1.08 0.00	50.34 -1.40 0.00	53.59 -0.93 0.00	57.37 0.06 0.00	58.83 0.64 0.00	66.74 0.40 0.00	73.10 1.50 0.00	83.70 1.56 0.00	93.19 1.65 0.00	100.40 0.00 0.00	127.11 -1.54 0.00	156.12 -4.00 0.00	178.14 -3.64 0.00	151.86 -3.26 0.00	112.22 -1.25 0.00	89.11 -0.27 0.00	72.18 0.64 0.00	63.51 1.25 0.00
V_CMM_10_SYNC_DSASP 323787	49.44 -0.81 0.00	45.94 -0.89 0.00	45.04 -0.78 0.00	41.56 -0.72 0.00	42.04 -0.73 0.00	45.22 -0.78 0.00	48.65 -0.34 0.00	51.22 -0.52 0.00	53.97 -0.55 0.00	56.57 -0.75 0.00	57.43 -0.76 0.00	65.47 -0.86 0.00	70.02 -1.58 0.00	79.84 -2.30 0.00	88.42 -3.11 0.00	97.18 -3.22 0.00	126.08 -2.57 0.00	157.40 -2.72 0.00	178.69 -3.09 0.00	152.80 -2.32 0.00	110.86 -2.61 0.00	87.15 -2.23 0.00	70.25 -1.29 0.00	61.77 -0.50 0.00
V_CMP_10_SYNC_DSASP 323788	48.44 -1.81 0.00	45.19 -1.64 0.00	44.26 -1.56 0.00	40.85 -1.44 0.00	41.36 -1.41 0.00	44.57 -1.43 0.00	47.77 -1.22 0.00	50.39 -1.35 0.00	53.27 -1.25 0.00	55.89 -1.43 0.00	56.79 -1.40 0.00	64.75 -1.59 0.00	69.16 -2.43 0.00	78.93 -3.20 0.00	87.33 -4.21 0.00	96.09 -4.31 0.00	124.80 -3.86 0.00	156.28 -3.84 0.00	177.60 -4.17 0.00	152.02 -3.10 0.00	110.29 -3.18 0.00	86.61 -2.77 0.00	69.53 -2.00 0.00	60.96 -1.31 0.00
V_D_10_SYNC_DSASP 323841	49.69 -0.55 0.00	46.13 -0.70 0.00	45.22 -0.60 0.00	41.78 -0.51 0.00	42.21 -0.56 0.00	45.35 -0.64 0.00	48.89 -0.10 0.00	51.43 -0.31 0.00	54.19 -0.33 0.00	56.63 -0.69 0.00	57.43 -0.76 0.00	65.47 -0.86 0.00	69.95 -1.64 0.00	79.84 -2.30 0.00	88.42 -3.11 0.00	97.29 -3.11 0.00	126.21 -2.45 0.00	157.88 -2.24 0.00	179.23 -2.55 0.00	153.42 -1.70 0.00	111.30 -2.16 0.00	87.50 -1.88 0.00	70.46 -1.07 0.00	62.02 -0.25 0.00
V_E_10_SYNC_DSASP 323830	55.56 5.32 0.00	51.61 4.78 0.00	50.12 4.31 0.00	46.17 3.89 0.00	46.70 3.93 0.00	50.78 4.78 0.00	53.74 4.75 0.00	56.81 5.07 0.00	59.48 4.96 0.00	62.30 4.98 0.00	62.90 4.71 0.00	71.65 5.31 0.00	77.82 6.23 0.00	90.60 8.46 0.00	101.52 9.98 0.00	110.94 10.54 0.00	142.28 13.63 0.00	178.12 17.93 -0.07	204.76 22.72 -0.26	176.15 20.93 -0.10	129.01 15.55 0.00	101.53 12.15 0.00	80.33 8.80 0.00	69.12 6.85 0.00

V_F_30_NSYNC___DSASP 323816	53.15 2.91 0.00	49.45 2.62 0.00	48.33 2.52 0.00	44.56 2.28 0.00	44.99 2.22 0.00	48.34 2.34 0.00	51.25 2.25 0.00	54.17 2.43 0.00	56.91 2.40 0.00	59.61 2.30 0.00	60.23 2.04 0.00	68.66 2.32 0.00	74.67 3.08 0.00	85.84 3.70 0.00	96.20 4.67 0.00	106.02 5.62 0.00	135.47 6.81 0.00	169.57 9.44 0.00	193.24 11.46 0.00	165.06 9.94 0.00	121.40 7.94 0.00	97.99 6.25 -2.36	75.83 4.29 0.00	65.44 3.17 0.00
V_F_30_SYNC_DSASP 323786	51.35 1.11 0.00	47.72 0.89 0.00	46.78 0.96 0.00	43.17 0.89 0.00	43.63 0.86 0.00	46.83 0.83 0.00	49.68 0.69 0.00	52.51 0.78 0.00	55.28 0.76 0.00	58.00 0.69 0.00	58.83 0.64 0.00	67.13 0.80 0.00	72.88 1.29 0.00	83.95 1.81 0.00	93.92 2.38 0.00	103.41 3.01 0.00	131.61 2.96 0.00	164.29 4.16 0.00	186.14 4.36 0.00	158.69 3.57 0.00	116.53 3.06 0.00	89.35 2.41 2.45	72.97 1.43 0.00	62.95 0.68 0.00
V_XM_10_SYNC_DSASP 323789	48.44 -1.81 0.00	45.19 -1.64 0.00	44.26 -1.56 0.00	40.85 -1.44 0.00	41.36 -1.41 0.00	44.57 -1.43 0.00	47.77 -1.22 0.00	50.39 -1.35 0.00	53.27 -1.25 0.00	55.89 -1.43 0.00	56.79 -1.40 0.00	64.75 -1.59 0.00	69.16 -2.43 0.00	78.93 -3.20 0.00	87.33 -4.21 0.00	96.09 -4.31 0.00	124.80 -3.86 0.00	156.28 -3.84 0.00	177.60 -4.17 0.00	152.02 -3.10 0.00	110.29 -3.18 0.00	86.61 -2.77 0.00	69.53 -2.00 0.00	60.96 -1.31 0.00
W.BABYLN_69_KV_BK1 56697	54.56 4.32 0.00	51.42 4.59 0.00	49.99 4.17 0.00	46.00 3.72 0.00	46.28 3.51 0.00	49.54 3.54 0.00	52.57 3.58 0.00	54.74 3.00 0.00	56.90 2.73 0.34	58.13 2.87 2.05	61.86 3.67 0.00	70.85 4.58 0.07	76.86 5.30 0.03	88.19 6.24 0.19	99.39 8.06 0.20	111.14 10.74 0.00	141.91 13.25 0.00	173.89 16.81 3.05	194.57 16.54 3.74	165.54 13.19 2.77	122.41 8.96 0.02	95.10 5.72 0.00	74.99 4.36 0.91	58.94 2.12 5.44
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	53.06 2.81 0.00	49.41 2.58 0.00	48.24 2.43 0.00	44.61 2.33 0.00	45.04 2.27 0.00	48.39 2.39 0.00	51.49 2.50 0.00	54.58 2.85 0.00	57.41 2.89 0.00	60.30 2.98 0.00	61.22 3.03 0.00	69.92 3.58 0.00	75.96 4.37 0.00	87.64 5.50 0.00	98.22 6.68 0.00	108.43 8.03 0.00	137.79 9.13 0.00	171.17 11.05 0.00	193.05 11.27 0.00	164.27 9.15 0.00	120.84 7.38 0.00	94.65 5.27 0.00	74.97 3.43 0.00	64.45 2.18 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	53.56 3.32 0.00	49.87 3.04 0.00	48.70 2.89 0.00	44.99 2.71 0.00	45.42 2.65 0.00	48.80 2.81 0.00	52.03 3.04 0.00	55.15 3.41 0.00	58.06 3.54 0.00	60.98 3.67 0.00	61.86 3.67 0.00	70.72 4.38 0.00	76.82 5.23 0.00	88.71 6.57 0.00	99.50 7.96 0.00	110.04 9.64 0.00	139.59 10.94 0.00	173.41 13.29 0.00	195.23 13.45 0.00	165.98 10.86 0.00	121.97 8.51 0.00	95.28 5.90 0.00	75.47 3.93 0.00	64.76 2.49 0.00
W50THST__13_KV_LOAD 356117	53.86 3.62 0.00	50.15 3.32 0.00	48.98 3.16 0.00	45.24 2.96 0.00	45.68 2.91 0.00	49.08 3.08 0.00	52.37 3.38 0.00	55.56 3.83 0.00	58.55 4.03 0.00	61.50 4.18 0.00	62.38 4.19 0.00	71.31 4.98 0.00	77.54 5.94 0.00	89.53 7.39 0.00	100.32 8.79 0.00	111.04 10.64 0.00	140.88 12.22 0.00	174.85 14.73 0.00	196.86 15.09 0.00	167.06 11.94 0.00	122.77 9.30 0.00	95.90 6.52 0.00	75.97 4.44 0.00	65.19 2.93 0.00
WADING RIVER_IC_1 23522	53.51 3.26 0.00	50.62 3.79 0.00	49.44 3.62 0.00	45.50 3.21 0.00	45.51 2.74 0.00	49.26 3.27 0.00	52.17 3.18 0.00	54.22 2.48 0.00	55.39 1.25 0.39	56.20 1.21 2.32	60.40 2.21 0.00	69.16 2.99 0.17	75.12 3.58 0.05	86.16 4.35 0.33	97.33 6.13 0.34	109.24 8.84 0.00	139.85 11.19 -0.01	202.85 14.42 -28.31	202.81 13.64 -7.40	162.97 11.17 3.33	120.69 7.27 0.04	93.49 4.11 0.00	71.34 0.93 1.12	56.23 0.69 6.72
WADING RIVER_IC_2 23547	53.51 3.26 0.00	50.62 3.79 0.00	49.44 3.62 0.00	45.50 3.21 0.00	45.51 2.74 0.00	49.26 3.27 0.00	52.17 3.18 0.00	54.22 2.48 0.00	55.39 1.25 0.39	56.20 1.21 2.32	60.40 2.21 0.00	69.16 2.99 0.17	75.12 3.58 0.05	86.16 4.35 0.33	97.33 6.13 0.34	109.24 8.84 0.00	139.85 11.19 -0.01	202.85 14.42 -28.31	202.81 13.64 -7.40	162.97 11.17 3.33	120.69 7.27 0.04	93.49 4.11 0.00	71.34 0.93 1.12	56.23 0.69 6.72
WADING RIVER_IC_3 23601	53.51 3.26 0.00	50.62 3.79 0.00	49.44 3.62 0.00	45.50 3.21 0.00	45.51 2.74 0.00	49.26 3.27 0.00	52.17 3.18 0.00	54.22 2.48 0.00	55.39 1.25 0.39	56.20 1.21 2.32	60.40 2.21 0.00	69.16 2.99 0.17	75.12 3.58 0.05	86.16 4.35 0.33	97.33 6.13 0.34	109.24 8.84 0.00	139.85 11.19 -0.01	202.85 14.42 -28.31	202.81 13.64 -7.40	162.97 11.17 3.33	120.69 7.27 0.04	93.49 4.11 0.00	71.34 0.93 1.12	56.23 0.69 6.72
WALDENNY_12_KV_BK2 80841	51.55 1.31 0.00	49.17 2.34 0.00	47.01 1.19 0.00	42.83 0.55 0.00	43.07 0.30 0.00	46.32 0.32 0.00	48.70 -0.29 0.00	51.22 -0.52 0.00	54.63 0.11 0.00	58.69 1.38 0.00	60.40 2.21 0.00	68.46 2.12 0.00	75.32 3.72 0.00	86.49 4.35 0.00	96.11 4.58 0.00	103.21 2.81 0.00	130.46 1.80 0.00	160.28 0.16 0.00	183.05 1.27 0.00	155.74 0.62 0.00	114.83 1.36 0.00	91.08 1.70 0.00	73.97 2.43 0.00	64.95 2.68 0.00
WALDEN__HYDRO 24148	52.95 2.71 0.00	49.26 2.44 0.00	48.20 2.38 0.00	44.48 2.20 0.00	44.95 2.18 0.00	48.30 2.30 0.00	51.39 2.40 0.00	54.42 2.69 0.00	57.19 2.67 0.00	60.07 2.75 0.00	60.87 2.68 0.00	69.46 3.12 0.00	75.39 3.79 0.00	86.82 4.68 0.00	97.21 5.68 0.00	107.43 7.03 0.00	136.63 7.98 0.00	170.21 10.09 0.00	192.14 10.36 0.00	163.96 8.84 0.00	120.38 6.92 0.00	94.56 5.18 0.00	74.97 3.43 0.00	64.57 2.30 0.00
WARRENSBURG____ 23737	53.00 2.76 0.00	49.17 2.34 0.00	48.06 2.25 0.00	44.27 1.99 0.00	44.74 1.97 0.00	48.02 2.02 0.00	50.95 1.96 0.00	53.91 2.17 0.00	56.64 2.13 0.00	59.32 2.01 0.00	59.64 1.45 0.00	67.93 1.59 0.00	73.88 2.29 0.00	85.01 2.87 0.00	95.20 3.66 0.00	105.12 4.72 0.00	134.44 5.79 0.00	168.77 8.65 0.00	193.96 12.18 0.00	165.67 10.55 0.00	121.97 8.51 0.00	97.79 6.52 -1.89	75.90 4.36 0.00	65.44 3.18 0.00
WATERSIDE____6 8 9 23538	53.51 3.27 0.00	49.92 3.09 0.00	48.75 2.93 0.00	45.07 2.79 0.00	45.51 2.74 0.00	48.80 2.81 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.75 3.44 0.00	61.62 3.43 0.00	70.38 4.05 0.00	76.32 4.73 0.00	88.13 6.00 0.00	98.95 7.41 0.00	109.64 9.24 0.00	138.82 10.16 0.00	172.29 12.17 0.00	193.96 12.18 0.00	164.88 9.77 0.01	121.17 7.72 0.01	94.64 5.27 0.01	75.04 3.51 0.00	64.51 2.24 0.00
WATKINRD_115KV_LN8_ILLION 55919	50.49 0.25 0.00	47.02 0.19 0.00	46.00 0.18 0.00	42.45 0.17 0.00	42.94 0.17 0.00	46.23 0.23 0.00	49.19 0.20 0.00	51.94 0.21 0.00	54.63 0.11 0.00	57.43 0.11 0.00	58.25 0.06 0.00	66.40 0.07 0.00	71.81 0.21 0.00	82.63 0.49 0.00	92.18 0.64 0.00	101.20 0.80 0.00	129.30 0.64 0.00	160.92 0.80 0.00	182.87 1.09 0.00	156.21 1.09 0.00	114.37 0.91 0.00	90.09 0.72 0.00	71.89 0.36 0.00	62.39 0.12 0.00

WDELAWARE___HYD 323627	52.60 2.36 0.00	49.03 2.20 0.00	47.93 2.11 0.00	44.23 1.95 0.00	44.61 1.84 0.00	48.11 2.12 0.00	51.14 2.15 0.00	54.06 2.33 0.00	56.46 2.34 0.40	59.13 2.30 0.48	60.04 2.21 0.36	68.32 2.58 0.60	74.13 3.30 0.76	85.18 4.11 1.06	95.31 5.12 1.35	106.53 6.33 0.20	135.12 7.46 0.99	167.99 9.77 1.90	189.80 10.54 2.51	162.37 8.99 1.75	119.82 6.92 0.57	94.47 5.09 0.00	74.68 3.14 0.00	64.45 2.18 0.00
WEST BABYLON___IC 23714	54.56 4.32 0.00	51.42 4.59 0.00	49.99 4.17 0.00	46.00 3.72 0.00	46.28 3.51 0.00	49.54 3.54 0.00	52.57 3.58 0.00	54.74 3.00 0.00	56.90 2.73 0.34	58.13 2.87 2.05	61.86 3.67 0.00	70.85 4.58 0.07	76.86 5.30 0.03	88.19 6.24 0.19	99.39 8.06 0.20	111.14 10.74 0.00	141.91 13.25 0.00	173.89 16.81 3.05	194.57 16.54 3.74	165.54 13.19 2.77	122.41 8.96 0.02	95.10 5.72 0.00	74.99 4.36 0.91	58.94 2.12 5.44
WEST CANADA___HYD 24049	50.60 0.35 0.00	47.16 0.33 0.00	46.18 0.36 0.00	42.62 0.34 0.00	43.07 0.30 0.00	46.36 0.37 0.00	49.29 0.30 0.00	52.05 0.31 0.00	54.79 0.27 0.00	57.60 0.29 0.00	58.42 0.23 0.00	66.60 0.27 0.00	72.03 0.43 0.00	82.79 0.65 0.00	92.45 0.92 0.00	101.40 1.00 0.00	129.56 0.91 0.00	161.25 1.13 0.00	183.06 1.28 0.00	156.21 1.09 0.00	114.48 1.02 0.00	90.18 0.80 0.00	72.04 0.50 0.00	62.52 0.25 0.00
WESTERN_NY_WIND 24143	52.40 2.16 0.00	49.83 3.00 0.00	47.65 1.83 0.00	43.21 0.93 0.00	43.45 0.68 0.00	46.92 0.92 0.00	49.29 0.29 0.00	51.89 0.16 0.00	55.17 0.65 0.00	59.04 1.72 0.00	60.58 2.39 0.00	68.79 2.45 0.00	75.53 3.94 0.00	85.18 3.04 0.00	94.74 3.20 0.00	102.41 2.01 0.00	129.94 1.29 0.00	159.96 -0.16 0.00	183.60 1.82 0.00	156.21 1.09 0.00	114.94 1.48 0.00	91.43 2.06 0.00	73.75 2.22 0.00	65.63 3.36 0.00
WESTOVER___LESR 323668	51.50 1.26 0.00	48.23 1.40 0.00	46.87 1.05 0.00	43.21 0.93 0.00	43.67 0.90 0.00	46.92 0.92 0.00	49.73 0.73 0.00	52.56 0.83 0.00	55.50 0.98 0.00	58.69 1.38 0.00	59.76 1.57 0.00	68.00 1.66 0.00	73.96 2.36 0.00	85.18 3.04 0.00	95.11 3.57 0.00	103.31 2.91 0.00	131.61 2.96 0.00	163.01 2.88 0.00	185.59 3.82 0.00	158.38 3.26 0.00	116.53 3.06 0.00	92.24 2.86 0.00	73.75 2.22 0.00	64.01 1.74 0.00
WETHRSFD_WT_PWR 323626	51.40 1.16 0.00	48.28 1.45 0.00	46.32 0.50 0.00	42.45 0.17 0.00	43.15 0.38 0.00	45.95 -0.05 0.00	48.55 -0.44 0.00	51.12 -0.62 0.00	54.25 -0.27 0.00	58.01 0.69 0.00	59.47 1.28 0.00	67.46 1.13 0.00	73.88 2.29 0.00	84.93 2.79 0.00	94.55 3.02 0.00	101.61 1.21 0.00	128.78 0.13 0.00	158.68 -1.44 0.00	181.78 0.00 0.00	155.12 0.00 0.00	114.71 1.25 0.00	91.07 1.69 0.00	74.04 2.50 0.00	64.63 2.37 0.00
WHAVSTOR_138KV_BK127 55557	52.85 2.61 0.00	49.26 2.44 0.00	48.06 2.25 0.00	44.44 2.16 0.00	44.91 2.14 0.00	48.21 2.21 0.00	51.29 2.30 0.00	54.37 2.64 0.00	57.19 2.67 0.00	60.07 2.75 0.00	60.92 2.73 0.00	69.59 3.25 0.00	75.60 4.01 0.00	87.23 5.09 0.00	97.76 6.22 0.00	107.93 7.53 0.00	137.02 8.36 0.00	170.37 10.25 0.00	191.96 10.18 0.00	163.50 8.38 0.00	120.16 6.69 0.00	94.20 4.83 0.00	74.61 3.08 0.00	64.14 1.87 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	52.85 2.61 0.00	49.26 2.44 0.00	48.06 2.25 0.00	44.44 2.16 0.00	44.91 2.14 0.00	48.21 2.21 0.00	51.29 2.30 0.00	54.37 2.64 0.00	57.19 2.67 0.00	60.07 2.75 0.00	60.92 2.73 0.00	69.59 3.25 0.00	75.60 4.01 0.00	87.23 5.09 0.00	97.76 6.22 0.00	107.93 7.53 0.00	137.02 8.36 0.00	170.37 10.25 0.00	191.96 10.18 0.00	163.50 8.38 0.00	120.16 6.69 0.00	94.20 4.83 0.00	74.61 3.08 0.00	64.14 1.87 0.00
WHITEHAL_115KV_TB1 80871	53.61 3.37 0.00	49.69 2.86 0.00	48.47 2.66 0.00	44.65 2.37 0.00	45.12 2.35 0.00	48.44 2.44 0.00	51.34 2.35 0.00	54.37 2.64 0.00	57.08 2.56 0.00	59.67 2.35 0.00	60.05 1.86 0.00	68.46 2.12 0.00	74.53 2.94 0.00	85.84 3.70 0.00	96.11 4.58 0.00	106.22 5.82 0.00	136.12 7.46 0.00	171.49 11.37 0.00	197.41 15.63 0.00	168.61 13.50 0.00	124.13 10.67 0.00	99.69 8.22 -2.09	77.04 5.51 0.00	66.32 4.05 0.00
WHITEPLN_13_KV_LOAD 356215	53.91 3.67 0.00	50.25 3.42 0.00	48.98 3.16 0.00	45.24 2.96 0.00	45.68 2.91 0.00	49.08 3.08 0.00	52.32 3.33 0.00	55.67 3.93 0.00	58.55 4.03 0.00	61.50 4.18 0.00	62.44 4.25 0.00	71.51 5.17 0.00	77.82 6.23 0.00	89.94 7.80 0.00	100.97 9.43 0.00	111.65 11.24 0.00	141.65 12.99 0.00	175.98 15.85 0.00	198.14 16.36 0.00	168.46 13.34 0.00	123.79 10.33 0.00	96.26 6.88 0.00	76.11 4.58 0.00	65.32 3.05 0.00
WM_FLOYD_69_KV_BK2 356380	54.01 3.77 0.00	50.90 4.07 0.00	49.57 3.76 0.00	45.62 3.34 0.00	45.85 3.08 0.00	48.99 2.99 0.00	52.03 3.04 0.00	54.11 2.38 0.00	55.99 1.85 0.39	56.89 1.89 2.32	61.04 2.85 0.00	69.81 3.65 0.18	75.83 4.30 0.06	87.12 5.34 0.35	98.21 7.05 0.37	110.24 9.84 0.00	140.89 12.22 -0.01	209.52 15.69 -33.70	206.46 15.27 -9.42	164.21 12.41 3.31	121.71 8.28 0.04	94.29 4.92 0.00	73.92 3.51 1.12	56.82 1.25 6.70
WOODARD___115KV_TB2 355635	50.14 -0.10 0.00	46.83 0.00 0.00	45.63 -0.18 0.00	42.07 -0.21 0.00	42.47 -0.30 0.00	45.72 -0.28 0.00	48.50 -0.49 0.00	51.32 -0.41 0.00	54.19 -0.33 0.00	57.20 -0.11 0.00	58.19 0.00 0.00	66.27 -0.07 0.00	72.02 0.43 0.00	82.80 0.66 0.00	92.54 1.01 0.00	101.00 0.60 0.00	128.91 0.26 0.00	159.87 -0.32 -0.07	182.24 0.18 -0.28	155.39 0.16 -0.11	113.80 0.34 0.00	89.91 0.54 0.00	71.75 0.21 0.00	62.21 -0.06 0.00
WOODMERE_69_KV_BK1 55827	54.61 4.37 0.00	51.28 4.45 0.00	49.89 4.08 0.00	45.96 3.68 0.00	46.23 3.46 0.00	49.54 3.54 0.00	52.62 3.63 0.00	55.05 3.31 0.00	57.74 3.27 0.05	60.57 3.50 0.25	62.32 4.13 0.00	71.45 5.11 0.00	77.68 6.09 0.00	89.45 7.31 0.00	100.60 9.06 0.00	111.85 11.45 0.00	142.55 13.89 0.00	181.54 16.81 -4.61	204.35 16.91 -5.66	172.64 13.34 -4.18	123.33 9.87 0.00	96.17 6.79 0.00	77.87 5.29 -1.04	71.12 2.86 -5.99
YORK___WARBASSE 23770	53.66 3.42 0.00	50.15 3.32 0.00	49.07 3.25 0.00	45.38 3.09 -0.01	45.82 3.04 -0.01	49.03 3.04 0.00	51.93 2.94 0.00	55.05 3.31 0.00	57.84 3.33 0.00	60.81 3.50 0.00	61.74 3.55 0.00	70.45 4.11 0.00	76.46 4.87 0.00	88.38 6.24 0.00	99.22 7.69 0.00	110.13 9.74 0.00	138.94 10.29 0.00	172.61 12.49 0.00	194.32 12.54 0.00	165.04 9.93 0.01	121.29 7.83 0.01	94.64 5.27 0.01	75.25 3.72 0.00	64.70 2.43 0.00