

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/18/2025

Name	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
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	58.68	51.56	52.33	51.81	52.91	61.31	109.82	202.72	52.22	46.10	48.66	46.87	44.84	55.45	59.21	71.26	132.61	92.24	82.58	105.85	138.03	67.51	60.64	59.95
24138	3.03	2.65	2.48	2.43	2.44	3.07	5.81	10.96	2.69	2.74	3.06	3.05	2.93	3.65	3.73	4.24	6.62	4.65	3.78	4.45	5.47	2.82	2.50	2.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	58.63	51.59	52.36	51.83	52.93	61.34	109.87	202.80	52.29	46.11	48.65	46.86	44.83	55.44	59.20	71.27	132.74	92.34	82.68	106.05	138.32	67.71	60.81	60.06
24260	2.99	2.68	2.51	2.45	2.46	3.10	5.87	11.04	2.75	2.75	3.05	3.04	2.91	3.64	3.73	4.25	6.75	4.75	3.88	4.65	5.76	3.02	2.67	2.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	58.63	51.59	52.36	51.83	52.93	61.34	109.87	202.80	52.29	46.11	48.65	46.86	44.83	55.44	59.20	71.27	132.74	92.34	82.68	106.05	138.32	67.71	60.81	60.06
24261	2.99	2.68	2.51	2.45	2.46	3.10	5.87	11.04	2.75	2.75	3.05	3.04	2.91	3.64	3.73	4.25	6.75	4.75	3.88	4.65	5.76	3.02	2.67	2.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	59.43	52.35	53.11	52.65	53.86	62.64	111.75	205.31	53.32	45.63	47.92	46.08	44.11	54.87	59.13	71.93	135.60	93.37	84.68	108.49	142.91	69.37	61.79	61.03
24011	3.78	3.44	3.26	3.26	3.39	4.40	7.74	13.55	3.78	2.27	2.33	2.26	2.20	3.07	3.66	4.92	9.62	5.78	5.88	7.09	10.35	4.68	3.66	3.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	59.83	52.71	53.38	52.93	54.15	63.17	112.48	206.56	53.85	45.78	48.11	46.27	44.27	55.21	59.53	72.60	137.11	94.05	85.58	109.53	144.50	69.99	62.19	61.42
23798	4.19	3.80	3.54	3.54	3.68	4.93	8.48	14.80	4.31	2.42	2.52	2.45	2.35	3.41	4.05	5.59	11.13	6.46	6.78	8.13	11.94	5.29	4.05	3.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 S GLENS___FALLS	59.43	52.35	53.11	52.65	53.86	62.64	111.75	205.31	53.32	45.63	47.92	46.08	44.11	54.87	59.13	71.93	135.60	93.37	84.68	108.49	142.91	69.37	61.79	61.03
24028	3.78	3.44	3.26	3.26	3.39	4.40	7.74	13.55	3.78	2.27	2.33	2.26	2.20	3.07	3.66	4.92	9.62	5.78	5.88	7.09	10.35	4.68	3.66	3.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	57.56	50.89	51.51	51.12	52.18	60.64	108.04	197.42	51.55	44.53	46.46	44.75	42.93	53.17	57.10	69.05	130.63	89.63	81.26	104.25	137.27	67.02	59.65	59.06
23527	1.91	1.98	1.67	1.74	1.71	2.40	4.03	5.66	2.02	1.18	0.86	0.92	1.02	1.37	1.63	2.04	4.64	2.05	2.46	2.85	4.71	2.32	1.52	1.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	55.57	49.24	50.06	49.59	50.55	58.37	104.25	191.91	49.82	43.37	45.50	43.89	42.05	51.75	55.50	67.19	126.25	87.30	78.63	100.97	132.29	64.61	57.82	57.13
24190	-0.08	0.33	0.21	0.20	0.08	0.13	0.25	0.14	0.28	0.02	-0.09	0.07	0.13	-0.05	0.02	0.18	0.26	-0.28	-0.17	-0.42	-0.26	-0.08	-0.31	-0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	55.70	48.66	49.54	49.06	50.26	58.10	103.93	191.68	49.51	43.39	45.64	43.89	41.93	51.81	55.50	67.04	126.99	88.60	79.46	102.53	133.20	65.42	58.97	58.48
355683	0.06	-0.25	-0.31	-0.32	-0.21	-0.14	-0.07	-0.08	-0.02	0.03	0.05	0.07	0.01	0.01	0.02	0.03	1.01	1.01	0.65	1.14	0.64	0.73	0.83	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	57.17	50.53	51.46	51.01	52.06	60.08	107.38	197.50	50.97	44.21	46.28	44.52	42.60	52.71	56.81	68.97	129.96	89.88	81.04	104.09	136.35	66.55	59.58	58.87
323833	1.53	1.63	1.61	1.62	1.58	1.84	3.37	5.74	1.43	0.85	0.69	0.69	0.68	0.91	1.33	1.96	3.97	2.29	2.24	2.69	3.79	1.85	1.44	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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_2_SOLAR	57.15	50.51	51.44	50.99	52.04	60.06	107.33	197.42	50.96	44.19	46.26	44.52	42.59	52.68	56.77	68.93	129.88	89.84	81.00	104.06	136.31	66.50	59.56	58.85
323834	1.50	1.60	1.59	1.60	1.57	1.82	3.33	5.65	1.42	0.83	0.67	0.69	0.67	0.88	1.30	1.92	3.89	2.26	2.20	2.67	3.75	1.81	1.42	1.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	55.57	49.24	50.06	49.59	50.55	58.37	104.25	191.91	49.82	43.37	45.50	43.89	42.05	51.75	55.50	67.19	126.25	87.30	78.63	100.97	132.29	64.61	57.82	57.13
23571	-0.08	0.33	0.21	0.20	0.08	0.13	0.25	0.14	0.28	0.02	-0.09	0.07	0.13	-0.05	0.02	0.18	0.26	-0.28	-0.17	-0.42	-0.26	-0.08	-0.31	-0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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___2 23572	55.57 -0.08 0.00	49.24 0.33 0.00	50.06 0.21 0.00	49.59 0.20 0.00	50.55 0.08 0.00	58.37 0.13 0.00	104.25 0.25 0.00	191.91 0.14 0.00	49.82 0.28 0.00	43.37 0.02 0.00	45.50 -0.09 0.00	43.89 0.07 0.00	42.05 0.13 0.00	51.75 -0.05 0.00	55.50 0.02 0.00	67.19 0.18 0.00	126.25 0.26 0.00	87.30 -0.28 0.00	78.63 -0.17 0.00	100.97 -0.42 0.00	132.29 -0.26 0.00	64.61 -0.08 0.00	57.82 -0.31 0.00	57.13 -0.33 0.00
ALBANY___3 23573	55.57 -0.08 0.00	49.24 0.33 0.00	50.06 0.21 0.00	49.59 0.20 0.00	50.55 0.08 0.00	58.37 0.13 0.00	104.25 0.25 0.00	191.91 0.14 0.00	49.82 0.28 0.00	43.37 0.02 0.00	45.50 -0.09 0.00	43.89 0.07 0.00	42.05 0.13 0.00	51.75 -0.05 0.00	55.50 0.02 0.00	67.19 0.18 0.00	126.25 0.26 0.00	87.30 -0.28 0.00	78.63 -0.17 0.00	100.97 -0.42 0.00	132.29 -0.26 0.00	64.61 -0.08 0.00	57.82 -0.31 0.00	57.13 -0.33 0.00
ALBANY___4 23574	55.57 -0.08 0.00	49.24 0.33 0.00	50.06 0.21 0.00	49.59 0.20 0.00	50.55 0.08 0.00	58.37 0.13 0.00	104.25 0.25 0.00	191.91 0.14 0.00	49.82 0.28 0.00	43.37 0.02 0.00	45.50 -0.09 0.00	43.89 0.07 0.00	42.05 0.13 0.00	51.75 -0.05 0.00	55.50 0.02 0.00	67.19 0.18 0.00	126.25 0.26 0.00	87.30 -0.28 0.00	78.63 -0.17 0.00	100.97 -0.42 0.00	132.29 -0.26 0.00	64.61 -0.08 0.00	57.82 -0.31 0.00	57.13 -0.33 0.00
ALBANY___LFGE 323615	56.09 0.45 0.00	49.69 0.79 0.00	50.52 0.67 0.00	50.03 0.64 0.00	51.00 0.53 0.00	58.95 0.71 0.00	105.33 1.33 0.00	193.85 2.09 0.00	50.31 0.78 0.00	43.77 0.41 0.00	45.95 0.36 0.00	44.30 0.48 0.00	42.45 0.54 0.00	52.29 0.49 0.00	56.11 0.64 0.00	67.93 0.92 0.00	127.64 1.65 0.00	88.24 0.66 0.00	79.44 0.64 0.00	102.02 0.63 0.00	133.62 1.06 0.00	65.25 0.56 0.00	58.39 0.25 0.00	57.66 0.19 0.00
ALCOA_PA_115KV_PL-6C 55860	56.07 0.43 0.00	49.00 0.09 0.00	49.89 0.04 0.00	49.41 0.03 0.00	50.62 0.15 0.00	58.52 0.28 0.00	104.66 0.65 0.00	193.13 1.36 0.00	49.89 0.36 0.00	43.70 0.35 0.00	45.97 0.37 0.00	44.19 0.36 0.00	42.18 0.27 0.00	52.14 0.34 0.00	55.83 0.35 0.00	67.44 0.42 0.00	127.91 1.92 0.00	89.34 1.75 0.00	80.55 1.75 0.00	103.57 2.17 0.00	135.24 2.68 0.00	66.03 1.33 0.00	59.46 1.32 0.00	58.96 1.49 0.00
ALCOA_RYNLDS___DRP 24188	56.07 0.43 0.00	49.00 0.09 0.00	49.89 0.04 0.00	49.41 0.03 0.00	50.62 0.15 0.00	58.52 0.28 0.00	104.66 0.65 0.00	193.13 1.36 0.00	49.89 0.36 0.00	43.70 0.35 0.00	45.97 0.37 0.00	44.19 0.36 0.00	42.18 0.27 0.00	52.14 0.34 0.00	55.83 0.35 0.00	67.44 0.42 0.00	127.91 1.92 0.00	89.34 1.75 0.00	80.55 1.75 0.00	103.57 2.17 0.00	135.24 2.68 0.00	66.03 1.33 0.00	59.46 1.32 0.00	58.96 1.49 0.00
ALCOA___DSASP 323711	56.07 0.43 0.00	49.00 0.09 0.00	49.89 0.04 0.00	49.41 0.03 0.00	50.62 0.15 0.00	58.52 0.28 0.00	104.66 0.65 0.00	193.13 1.36 0.00	49.89 0.36 0.00	43.70 0.35 0.00	45.97 0.37 0.00	44.19 0.36 0.00	42.18 0.27 0.00	52.14 0.34 0.00	55.83 0.35 0.00	67.44 0.42 0.00	127.91 1.92 0.00	89.34 1.75 0.00	80.55 1.75 0.00	103.57 2.17 0.00	135.24 2.68 0.00	66.03 1.33 0.00	59.46 1.32 0.00	58.96 1.49 0.00
ALLEGHENY___COGEN 23514	58.92 3.28 0.00	51.69 2.78 0.00	52.76 2.91 0.00	52.38 2.99 0.00	53.52 3.04 0.00	61.47 3.23 0.00	108.52 4.52 0.00	201.71 9.94 0.00	52.10 2.56 0.00	45.73 2.37 0.00	47.65 2.06 0.00	45.11 1.28 0.00	42.94 1.02 0.00	52.69 0.89 0.00	54.96 -0.52 0.00	65.14 -1.88 0.00	124.17 -1.82 0.00	87.42 -0.16 0.00	78.92 0.11 0.00	101.84 0.44 0.00	132.19 -0.36 0.00	64.88 -0.22 -0.41	60.13 1.61 -0.37	59.98 2.51 0.00
ALTAMONT_115KV_TB 2 55880	56.34 0.70 0.00	49.75 0.84 0.00	50.67 0.82 0.00	50.21 0.82 0.00	51.24 0.77 0.00	59.11 0.87 0.00	105.59 1.59 0.00	194.37 2.60 0.00	50.31 0.77 0.00	43.90 0.54 0.00	46.08 0.49 0.00	44.37 0.55 0.00	42.47 0.55 0.00	52.44 0.64 0.00	56.22 0.74 0.00	68.03 1.01 0.00	127.68 1.70 0.00	88.40 0.82 0.00	79.57 0.77 0.00	102.25 0.85 0.00	133.89 1.33 0.00	65.43 0.73 0.00	58.63 0.49 0.00	57.96 0.49 0.00
ALTONA_WT_PWR 323606	54.61 -1.03 0.00	47.67 -1.24 0.00	48.59 -1.26 0.00	48.15 -1.24 0.00	49.55 -0.93 0.00	57.52 -0.72 0.00	103.49 -0.51 0.00	191.76 0.00 0.00	49.62 0.09 0.00	43.38 0.02 0.00	45.64 0.05 0.00	44.00 0.18 0.00	42.08 0.17 0.00	52.06 0.26 0.00	55.78 0.30 0.00	67.46 0.44 0.00	127.94 1.95 0.00	89.52 1.94 0.00	80.75 1.94 0.00	103.49 2.10 0.00	135.21 2.65 0.00	65.95 1.26 0.00	59.38 1.25 0.00	58.85 1.38 0.00
AMERICAN_REF_FUEL 24010	54.68 0.83 1.79	47.04 0.44 2.30	46.25 0.73 4.32	47.76 0.74 2.37	49.52 0.61 1.57	57.09 -0.29 0.85	99.84 -4.16 0.00	184.08 -7.68 0.00	47.05 -1.55 0.94	41.92 -0.41 1.03	37.00 -0.04 8.55	43.06 -0.76 0.00	41.12 -0.64 0.16	49.03 -1.10 1.67	53.38 -1.48 0.63	63.74 -2.98 0.29	117.29 -8.70 0.00	81.71 -5.87 0.00	72.94 -5.14 0.72	92.66 -6.68 2.05	119.21 -9.31 4.03	57.85 -4.43 2.42	53.32 -2.60 2.22	55.70 -1.77 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	55.01 1.69 2.33	47.29 1.37 2.99	46.04 1.80 5.61	48.11 1.80 3.08	50.19 1.76 2.04	58.59 1.45 1.11	103.97 -0.04 0.00	193.42 1.66 0.00	48.62 0.31 1.22	43.25 1.23 1.33	36.37 1.83 11.06	44.69 0.87 0.00	42.68 0.98 0.21	50.51 0.88 2.17	55.35 0.69 0.81	65.96 -0.68 0.38	122.14 -3.84 0.00	85.19 -2.40 0.00	75.72 -2.13 0.95	96.29 -2.41 2.70	123.59 -3.67 5.30	60.01 -1.48 3.21	54.89 -0.31 2.94	57.80 0.33 0.00
ARTHUR KILL_GT_1 23520	58.31 2.67 0.00	51.62 2.71 0.00	52.35 2.50 0.00	51.87 2.49 0.00	52.96 2.49 0.00	61.13 2.89 0.00	109.29 5.29 0.00	201.43 9.67 0.00	52.12 2.59 0.00	45.95 2.59 0.00	48.35 2.76 0.00	46.67 2.85 0.00	44.56 2.65 0.00	55.18 3.38 0.00	58.87 3.39 0.00	70.53 3.52 0.00	131.41 5.42 0.00	91.64 4.06 0.00	82.07 3.27 0.00	105.21 3.81 0.00	137.38 4.82 0.00	67.31 2.62 0.00	60.64 2.51 0.00	59.80 2.33 0.00
ARTHUR_KILL_2 23512	58.15 2.51 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.73 2.34 0.00	52.84 2.37 0.00	60.95 2.71 0.00	108.97 4.96 0.00	200.87 9.10 0.00	51.98 2.44 0.00	45.83 2.48 0.00	48.24 2.64 0.00	46.55 2.73 0.00	44.46 2.55 0.00	55.02 3.23 0.00	58.70 3.22 0.00	70.31 3.30 0.00	131.01 5.02 0.00	91.34 3.75 0.00	81.83 3.03 0.00	104.87 3.47 0.00	136.97 4.41 0.00	67.11 2.41 0.00	60.46 2.32 0.00	59.66 2.19 0.00
ARTHUR_KILL_3 23513	58.06 2.41 0.00	51.10 2.19 0.00	51.85 2.00 0.00	51.34 1.95 0.00	52.42 1.94 0.00	60.75 2.51 0.00	108.82 4.82 0.00	200.72 8.96 0.00	51.65 2.12 0.00	45.57 2.21 0.00	48.06 2.47 0.00	46.33 2.51 0.00	44.30 2.38 0.00	54.80 3.00 0.00	58.52 3.05 0.00	70.45 3.44 0.00	131.21 5.23 0.00	91.31 3.73 0.00	81.74 2.95 0.00	104.86 3.47 0.00	136.77 4.22 0.00	67.00 2.30 0.00	60.15 2.02 0.00	59.45 1.98 0.00

ARTHUR_KILL_COGEN 323718	58.32 2.68 0.00	51.62 2.71 0.00	52.35 2.50 0.00	51.87 2.48 0.00	52.97 2.51 0.00	61.12 2.88 0.00	109.29 5.29 0.00	201.51 9.74 0.00	52.12 2.58 0.00	45.95 2.59 0.00	48.35 2.76 0.00	46.67 2.84 0.00	44.56 2.65 0.00	55.17 3.37 0.00	58.87 3.39 0.00	70.53 3.52 0.00	131.41 5.42 0.00	91.65 4.06 0.00	82.07 3.27 0.00	105.21 3.81 0.00	137.38 4.82 0.00	67.30 2.61 0.00	60.63 2.49 0.00	59.82 2.35 0.00
ASHOKAN____ 23654	58.13 2.49 0.00	51.22 2.31 0.00	52.11 2.26 0.00	51.64 2.26 0.00	52.78 2.31 0.00	61.03 2.79 0.00	109.59 5.59 0.00	202.66 10.90 0.00	52.04 2.51 0.00	45.19 1.84 0.00	47.32 1.73 0.00	45.54 1.72 0.00	43.29 1.37 0.00	53.79 1.99 0.00	58.09 2.61 0.00	70.72 3.70 0.00	132.96 6.98 0.00	92.57 4.98 0.00	83.35 4.55 0.00	106.99 5.59 0.00	139.92 7.36 0.00	68.16 3.47 0.00	60.94 2.81 0.00	59.99 2.52 0.00
ASTORIA_EAST_ENERGY_CC1 323581	58.24 2.60 0.00	51.30 2.39 0.00	52.06 2.21 0.00	51.57 2.19 0.00	52.65 2.18 0.00	61.00 2.76 0.00	109.32 5.31 0.00	201.64 9.88 0.00	52.06 2.53 0.00	45.81 2.45 0.00	48.29 2.69 0.00	46.55 2.73 0.00	44.49 2.57 0.00	55.00 3.20 0.00	58.77 3.29 0.00	70.65 3.64 0.00	131.58 5.60 0.00	91.62 4.03 0.00	82.08 3.28 0.00	105.29 3.90 0.00	137.46 4.90 0.00	67.34 2.65 0.00	60.55 2.41 0.00	59.69 2.22 0.00
ASTORIA_EAST_ENERGY_CC2 323582	58.22 2.57 0.00	51.28 2.37 0.00	52.04 2.19 0.00	51.54 2.15 0.00	52.63 2.16 0.00	60.98 2.75 0.00	109.26 5.25 0.00	201.58 9.81 0.00	52.05 2.51 0.00	45.78 2.43 0.00	48.26 2.67 0.00	46.53 2.70 0.00	44.47 2.55 0.00	54.96 3.16 0.00	58.73 3.25 0.00	70.64 3.63 0.00	131.55 5.56 0.00	91.58 4.00 0.00	82.05 3.25 0.00	105.23 3.83 0.00	137.35 4.79 0.00	67.31 2.61 0.00	60.50 2.37 0.00	59.67 2.20 0.00
ASTORIA_GT2_1 24094	58.24 2.59 0.00	51.30 2.39 0.00	52.06 2.21 0.00	51.58 2.19 0.00	52.64 2.17 0.00	61.01 2.77 0.00	109.33 5.33 0.00	201.65 9.88 0.00	52.08 2.54 0.00	45.81 2.46 0.00	48.29 2.70 0.00	46.55 2.73 0.00	44.49 2.57 0.00	55.00 3.20 0.00	58.76 3.29 0.00	70.66 3.64 0.00	131.59 5.61 0.00	91.62 4.03 0.00	82.08 3.28 0.00	105.29 3.90 0.00	137.46 4.90 0.00	67.34 2.65 0.00	60.55 2.41 0.00	59.68 2.21 0.00
ASTORIA_GT2_2 24095	58.24 2.59 0.00	51.30 2.39 0.00	52.06 2.21 0.00	51.58 2.19 0.00	52.64 2.17 0.00	61.01 2.77 0.00	109.33 5.33 0.00	201.65 9.88 0.00	52.08 2.54 0.00	45.81 2.46 0.00	48.29 2.70 0.00	46.55 2.73 0.00	44.49 2.57 0.00	55.00 3.20 0.00	58.76 3.29 0.00	70.66 3.64 0.00	131.59 5.61 0.00	91.62 4.03 0.00	82.08 3.28 0.00	105.29 3.90 0.00	137.46 4.90 0.00	67.34 2.65 0.00	60.55 2.41 0.00	59.68 2.21 0.00
ASTORIA_GT2_3 24096	58.24 2.59 0.00	51.30 2.39 0.00	52.06 2.21 0.00	51.58 2.19 0.00	52.64 2.17 0.00	61.01 2.77 0.00	109.33 5.33 0.00	201.65 9.88 0.00	52.08 2.54 0.00	45.81 2.46 0.00	48.29 2.70 0.00	46.55 2.73 0.00	44.49 2.57 0.00	55.00 3.20 0.00	58.76 3.29 0.00	70.66 3.64 0.00	131.59 5.61 0.00	91.62 4.03 0.00	82.08 3.28 0.00	105.29 3.90 0.00	137.46 4.90 0.00	67.34 2.65 0.00	60.55 2.41 0.00	59.68 2.21 0.00
ASTORIA_GT2_4 24097	58.24 2.59 0.00	51.30 2.39 0.00	52.06 2.21 0.00	51.58 2.19 0.00	52.64 2.17 0.00	61.01 2.77 0.00	109.33 5.33 0.00	201.65 9.88 0.00	52.08 2.54 0.00	45.81 2.46 0.00	48.29 2.70 0.00	46.55 2.73 0.00	44.49 2.57 0.00	55.00 3.20 0.00	58.76 3.29 0.00	70.66 3.64 0.00	131.59 5.61 0.00	91.62 4.03 0.00	82.08 3.28 0.00	105.29 3.90 0.00	137.46 4.90 0.00	67.34 2.65 0.00	60.55 2.41 0.00	59.68 2.21 0.00
ASTORIA_GT3_1 24098	58.24 2.59 0.00	51.30 2.39 0.00	52.06 2.21 0.00	51.58 2.19 0.00	52.64 2.17 0.00	61.01 2.77 0.00	109.33 5.33 0.00	201.65 9.88 0.00	52.08 2.54 0.00	45.81 2.46 0.00	48.29 2.70 0.00	46.55 2.73 0.00	44.49 2.57 0.00	55.00 3.20 0.00	58.76 3.29 0.00	70.66 3.64 0.00	131.59 5.61 0.00	91.62 4.03 0.00	82.08 3.28 0.00	105.29 3.90 0.00	137.46 4.90 0.00	67.34 2.65 0.00	60.55 2.41 0.00	59.68 2.21 0.00
ASTORIA_GT3_2 24099	58.24 2.59 0.00	51.30 2.39 0.00	52.06 2.21 0.00	51.58 2.19 0.00	52.64 2.17 0.00	61.01 2.77 0.00	109.33 5.33 0.00	201.65 9.88 0.00	52.08 2.54 0.00	45.81 2.46 0.00	48.29 2.70 0.00	46.55 2.73 0.00	44.49 2.57 0.00	55.00 3.20 0.00	58.76 3.29 0.00	70.66 3.64 0.00	131.59 5.61 0.00	91.62 4.03 0.00	82.08 3.28 0.00	105.29 3.90 0.00	137.46 4.90 0.00	67.34 2.65 0.00	60.55 2.41 0.00	59.68 2.21 0.00
ASTORIA_GT3_3 24100	58.24 2.59 0.00	51.30 2.39 0.00	52.06 2.21 0.00	51.58 2.19 0.00	52.64 2.17 0.00	61.01 2.77 0.00	109.33 5.33 0.00	201.65 9.88 0.00	52.08 2.54 0.00	45.81 2.46 0.00	48.29 2.70 0.00	46.55 2.73 0.00	44.49 2.57 0.00	55.00 3.20 0.00	58.76 3.29 0.00	70.66 3.64 0.00	131.59 5.61 0.00	91.62 4.03 0.00	82.08 3.28 0.00	105.29 3.90 0.00	137.46 4.90 0.00	67.34 2.65 0.00	60.55 2.41 0.00	59.68 2.21 0.00
ASTORIA_GT3_4 24101	58.24 2.59 0.00	51.30 2.39 0.00	52.06 2.21 0.00	51.58 2.19 0.00	52.64 2.17 0.00	61.01 2.77 0.00	109.33 5.33 0.00	201.65 9.88 0.00	52.08 2.54 0.00	45.81 2.46 0.00	48.29 2.70 0.00	46.55 2.73 0.00	44.49 2.57 0.00	55.00 3.20 0.00	58.76 3.29 0.00	70.66 3.64 0.00	131.59 5.61 0.00	91.62 4.03 0.00	82.08 3.28 0.00	105.29 3.90 0.00	137.46 4.90 0.00	67.34 2.65 0.00	60.55 2.41 0.00	59.68 2.21 0.00
ASTORIA_GT4_1 24102	58.24 2.59 0.00	51.30 2.39 0.00	52.06 2.21 0.00	51.58 2.19 0.00	52.64 2.17 0.00	61.01 2.77 0.00	109.33 5.33 0.00	201.65 9.88 0.00	52.08 2.54 0.00	45.81 2.46 0.00	48.29 2.70 0.00	46.55 2.73 0.00	44.49 2.57 0.00	55.00 3.20 0.00	58.76 3.29 0.00	70.66 3.64 0.00	131.59 5.61 0.00	91.62 4.03 0.00	82.08 3.28 0.00	105.29 3.90 0.00	137.46 4.90 0.00	67.34 2.65 0.00	60.55 2.41 0.00	59.68 2.21 0.00
ASTORIA_GT4_2 24103	58.24 2.59 0.00	51.30 2.39 0.00	52.06 2.21 0.00	51.58 2.19 0.00	52.64 2.17 0.00	61.01 2.77 0.00	109.33 5.33 0.00	201.65 9.88 0.00	52.08 2.54 0.00	45.81 2.46 0.00	48.29 2.70 0.00	46.55 2.73 0.00	44.49 2.57 0.00	55.00 3.20 0.00	58.76 3.29 0.00	70.66 3.64 0.00	131.59 5.61 0.00	91.62 4.03 0.00	82.08 3.28 0.00	105.29 3.90 0.00	137.46 4.90 0.00	67.34 2.65 0.00	60.55 2.41 0.00	59.68 2.21 0.00
ASTORIA_GT4_3 24104	58.24 2.59 0.00	51.30 2.39 0.00	52.06 2.21 0.00	51.58 2.19 0.00	52.64 2.17 0.00	61.01 2.77 0.00	109.33 5.33 0.00	201.65 9.88 0.00	52.08 2.54 0.00	45.81 2.46 0.00	48.29 2.70 0.00	46.55 2.73 0.00	44.49 2.57 0.00	55.00 3.20 0.00	58.76 3.29 0.00	70.66 3.64 0.00	131.59 5.61 0.00	91.62 4.03 0.00	82.08 3.28 0.00	105.29 3.90 0.00	137.46 4.90 0.00	67.34 2.65 0.00	60.55 2.41 0.00	59.68 2.21 0.00

ASTORIA_GT4_4 24105	58.24 2.59 0.00	51.30 2.39 0.00	52.06 2.21 0.00	51.58 2.19 0.00	52.64 2.17 0.00	61.01 2.77 0.00	109.33 5.33 0.00	201.65 9.88 0.00	52.08 2.54 0.00	45.81 2.46 0.00	48.29 2.70 0.00	46.55 2.73 0.00	44.49 2.57 0.00	55.00 3.20 0.00	58.76 3.29 0.00	70.66 3.64 0.00	131.59 5.61 0.00	91.62 4.03 0.00	82.08 3.28 0.00	105.29 3.90 0.00	137.46 4.90 0.00	67.34 2.65 0.00	60.55 2.41 0.00	59.68 2.21 0.00
ASTORIA_GT_1 23523	58.35 2.71 0.00	51.39 2.49 0.00	52.16 2.31 0.00	51.67 2.29 0.00	52.74 2.27 0.00	61.12 2.88 0.00	109.54 5.53 0.00	202.04 10.27 0.00	52.19 2.65 0.00	45.91 2.55 0.00	48.40 2.81 0.00	46.64 2.82 0.00	44.59 2.67 0.00	55.12 3.32 0.00	58.89 3.42 0.00	70.82 3.81 0.00	131.87 5.89 0.00	91.84 4.25 0.00	82.25 3.45 0.00	105.51 4.11 0.00	137.73 5.18 0.00	67.48 2.78 0.00	60.66 2.52 0.00	59.79 2.32 0.00
ASTORIA_GT_10 24110	58.14 2.50 0.00	51.21 2.30 0.00	51.96 2.12 0.00	51.45 2.07 0.00	52.51 2.03 0.00	60.83 2.59 0.00	108.95 4.95 0.00	200.80 9.04 0.00	51.87 2.33 0.00	45.73 2.38 0.00	48.22 2.63 0.00	46.47 2.65 0.00	44.45 2.54 0.00	54.95 3.15 0.00	58.67 3.19 0.00	70.50 3.49 0.00	131.27 5.28 0.00	91.32 3.74 0.00	81.80 2.99 0.00	104.84 3.44 0.00	136.83 4.28 0.00	67.04 2.34 0.00	60.25 2.12 0.00	59.50 2.04 0.00
ASTORIA_GT_11 24225	58.14 2.50 0.00	51.21 2.30 0.00	51.96 2.12 0.00	51.45 2.07 0.00	52.51 2.03 0.00	60.83 2.59 0.00	108.95 4.95 0.00	200.80 9.04 0.00	51.87 2.33 0.00	45.73 2.38 0.00	48.22 2.63 0.00	46.47 2.65 0.00	44.45 2.54 0.00	54.95 3.15 0.00	58.67 3.19 0.00	70.50 3.49 0.00	131.27 5.28 0.00	91.32 3.74 0.00	81.80 2.99 0.00	104.84 3.44 0.00	136.83 4.28 0.00	67.04 2.34 0.00	60.25 2.12 0.00	59.50 2.04 0.00
ASTORIA_GT_12 24226	58.14 2.50 0.00	51.21 2.30 0.00	51.96 2.12 0.00	51.45 2.07 0.00	52.51 2.03 0.00	60.83 2.59 0.00	108.95 4.95 0.00	200.80 9.04 0.00	51.87 2.33 0.00	45.73 2.38 0.00	48.22 2.63 0.00	46.47 2.65 0.00	44.45 2.54 0.00	54.95 3.15 0.00	58.67 3.19 0.00	70.50 3.49 0.00	131.27 5.28 0.00	91.32 3.74 0.00	81.80 2.99 0.00	104.84 3.44 0.00	136.83 4.28 0.00	67.04 2.34 0.00	60.25 2.12 0.00	59.50 2.04 0.00
ASTORIA_GT_13 24227	58.14 2.50 0.00	51.21 2.30 0.00	51.96 2.12 0.00	51.45 2.07 0.00	52.51 2.03 0.00	60.83 2.59 0.00	108.95 4.95 0.00	200.80 9.04 0.00	51.87 2.33 0.00	45.73 2.38 0.00	48.22 2.63 0.00	46.47 2.65 0.00	44.45 2.54 0.00	54.95 3.15 0.00	58.67 3.19 0.00	70.50 3.49 0.00	131.27 5.28 0.00	91.32 3.74 0.00	81.80 2.99 0.00	104.84 3.44 0.00	136.83 4.28 0.00	67.04 2.34 0.00	60.25 2.12 0.00	59.50 2.04 0.00
ASTORIA_GT_5 24106	58.35 2.71 0.00	51.39 2.49 0.00	52.16 2.31 0.00	51.67 2.29 0.00	52.74 2.27 0.00	61.12 2.88 0.00	109.54 5.53 0.00	202.04 10.27 0.00	52.19 2.65 0.00	45.91 2.55 0.00	48.40 2.81 0.00	46.64 2.82 0.00	44.59 2.67 0.00	55.12 3.32 0.00	58.89 3.42 0.00	70.82 3.81 0.00	131.87 5.89 0.00	91.84 4.25 0.00	82.25 3.45 0.00	105.51 4.11 0.00	137.73 5.18 0.00	67.48 2.78 0.00	60.66 2.52 0.00	59.79 2.32 0.00
ASTORIA_GT_7 24107	58.35 2.71 0.00	51.39 2.49 0.00	52.16 2.31 0.00	51.67 2.29 0.00	52.74 2.27 0.00	61.12 2.88 0.00	109.54 5.53 0.00	202.04 10.27 0.00	52.19 2.65 0.00	45.91 2.55 0.00	48.40 2.81 0.00	46.64 2.82 0.00	44.59 2.67 0.00	55.12 3.32 0.00	58.89 3.42 0.00	70.82 3.81 0.00	131.87 5.89 0.00	91.84 4.25 0.00	82.25 3.45 0.00	105.51 4.11 0.00	137.73 5.18 0.00	67.48 2.78 0.00	60.66 2.52 0.00	59.79 2.32 0.00
ASTORIA_GT_8 24108	58.35 2.71 0.00	51.39 2.49 0.00	52.16 2.31 0.00	51.67 2.29 0.00	52.74 2.27 0.00	61.12 2.88 0.00	109.54 5.53 0.00	202.04 10.27 0.00	52.19 2.65 0.00	45.91 2.55 0.00	48.40 2.81 0.00	46.64 2.82 0.00	44.59 2.67 0.00	55.12 3.32 0.00	58.89 3.42 0.00	70.82 3.81 0.00	131.87 5.89 0.00	91.84 4.25 0.00	82.25 3.45 0.00	105.51 4.11 0.00	137.73 5.18 0.00	67.48 2.78 0.00	60.66 2.52 0.00	59.79 2.32 0.00
ASTORIA___2 24149	58.24 2.60 0.00	51.30 2.39 0.00	52.06 2.21 0.00	51.57 2.19 0.00	52.65 2.18 0.00	61.00 2.76 0.00	109.32 5.31 0.00	201.64 9.88 0.00	52.06 2.53 0.00	45.81 2.45 0.00	48.29 2.69 0.00	46.55 2.73 0.00	44.49 2.57 0.00	55.00 3.20 0.00	58.77 3.29 0.00	70.65 3.64 0.00	131.58 5.60 0.00	91.62 4.03 0.00	82.08 3.28 0.00	105.29 3.90 0.00	137.46 4.90 0.00	67.34 2.65 0.00	60.55 2.41 0.00	59.69 2.22 0.00
ASTORIA___3 23516	58.14 2.50 0.00	51.21 2.30 0.00	51.96 2.11 0.00	51.45 2.07 0.00	52.51 2.04 0.00	60.83 2.59 0.00	108.96 4.96 0.00	200.80 9.04 0.00	51.86 2.33 0.00	45.74 2.38 0.00	48.22 2.62 0.00	46.48 2.65 0.00	44.46 2.55 0.00	54.94 3.14 0.00	58.66 3.18 0.00	70.51 3.50 0.00	131.27 5.28 0.00	91.32 3.74 0.00	81.79 2.99 0.00	104.84 3.44 0.00	136.83 4.27 0.00	67.03 2.34 0.00	60.26 2.12 0.00	59.50 2.03 0.00
ASTORIA___4 23517	58.14 2.50 0.00	51.21 2.30 0.00	51.96 2.12 0.00	51.45 2.07 0.00	52.51 2.03 0.00	60.83 2.59 0.00	108.95 4.95 0.00	200.80 9.04 0.00	51.87 2.33 0.00	45.73 2.38 0.00	48.22 2.63 0.00	46.47 2.65 0.00	44.45 2.54 0.00	54.95 3.15 0.00	58.67 3.19 0.00	70.50 3.49 0.00	131.27 5.28 0.00	91.32 3.74 0.00	81.80 2.99 0.00	104.84 3.44 0.00	136.83 4.28 0.00	67.04 2.34 0.00	60.25 2.12 0.00	59.50 2.04 0.00
ASTORIA___5 23518	58.14 2.50 0.00	51.21 2.30 0.00	51.96 2.11 0.00	51.45 2.07 0.00	52.51 2.04 0.00	60.83 2.59 0.00	108.96 4.96 0.00	200.80 9.03 0.00	51.86 2.33 0.00	45.74 2.38 0.00	48.22 2.62 0.00	46.47 2.65 0.00	44.46 2.55 0.00	54.94 3.14 0.00	58.66 3.18 0.00	70.51 3.50 0.00	131.27 5.28 0.00	91.32 3.74 0.00	81.78 2.98 0.00	104.84 3.44 0.00	136.83 4.27 0.00	67.03 2.34 0.00	60.26 2.12 0.00	59.50 2.03 0.00
AST_ENERGY_2_CC3 323677	57.57 1.92 0.00	50.71 1.80 0.00	51.46 1.62 0.00	50.98 1.59 0.00	52.05 1.58 0.00	60.31 2.07 0.00	108.11 4.11 0.00	199.42 7.66 0.00	51.50 1.96 0.00	45.29 1.94 0.00	47.74 2.15 0.00	46.03 2.20 0.00	44.00 2.08 0.00	54.38 2.58 0.00	58.12 2.64 0.00	69.90 2.89 0.00	130.19 4.21 0.00	90.64 3.05 0.00	81.20 2.41 0.00	104.12 2.72 0.00	135.93 3.37 0.00	66.61 1.92 0.00	59.87 1.74 0.00	59.03 1.56 0.00
AST_ENERGY_2_CC4 323678	57.57 1.92 0.00	50.71 1.80 0.00	51.46 1.62 0.00	50.98 1.59 0.00	52.05 1.58 0.00	60.31 2.07 0.00	108.11 4.11 0.00	199.42 7.66 0.00	51.50 1.96 0.00	45.29 1.94 0.00	47.74 2.15 0.00	46.03 2.20 0.00	44.00 2.08 0.00	54.38 2.58 0.00	58.12 2.64 0.00	69.90 2.89 0.00	130.19 4.21 0.00	90.64 3.05 0.00	81.20 2.41 0.00	104.12 2.72 0.00	135.93 3.37 0.00	66.61 1.92 0.00	59.87 1.74 0.00	59.03 1.56 0.00

ATHENS_STG_1 23668	56.90 1.26 0.00	50.14 1.24 0.00	51.10 1.25 0.00	50.62 1.24 0.00	51.68 1.21 0.00	59.64 1.40 0.00	106.63 2.62 0.00	196.43 4.66 0.00	50.72 1.18 0.00	44.41 1.06 0.00	46.71 1.12 0.00	44.98 1.16 0.00	43.03 1.12 0.00	53.20 1.40 0.00	56.94 1.46 0.00	68.80 1.79 0.00	128.72 2.73 0.00	89.25 1.67 0.00	80.23 1.43 0.00	103.09 1.69 0.00	134.83 2.28 0.00	65.97 1.28 0.00	59.17 1.04 0.00	58.48 1.02 0.00
ATHENS_STG_2 23670	56.90 1.26 0.00	50.14 1.24 0.00	51.10 1.25 0.00	50.62 1.24 0.00	51.68 1.21 0.00	59.64 1.40 0.00	106.63 2.62 0.00	196.43 4.66 0.00	50.72 1.18 0.00	44.41 1.06 0.00	46.71 1.12 0.00	44.98 1.16 0.00	43.03 1.12 0.00	53.20 1.40 0.00	56.94 1.46 0.00	68.80 1.79 0.00	128.72 2.73 0.00	89.25 1.67 0.00	80.23 1.43 0.00	103.09 1.69 0.00	134.83 2.28 0.00	65.97 1.28 0.00	59.17 1.04 0.00	58.48 1.02 0.00
ATHENS_STG_3 23677	56.90 1.26 0.00	50.14 1.24 0.00	51.10 1.25 0.00	50.62 1.24 0.00	51.68 1.21 0.00	59.64 1.40 0.00	106.63 2.62 0.00	196.43 4.66 0.00	50.72 1.18 0.00	44.41 1.06 0.00	46.71 1.12 0.00	44.98 1.16 0.00	43.03 1.12 0.00	53.20 1.40 0.00	56.94 1.46 0.00	68.80 1.79 0.00	128.72 2.73 0.00	89.25 1.67 0.00	80.23 1.43 0.00	103.09 1.69 0.00	134.83 2.28 0.00	65.97 1.28 0.00	59.17 1.04 0.00	58.48 1.02 0.00
AUBURN___LFGE 323710	56.38 0.74 0.00	49.39 0.48 0.00	50.58 0.74 0.00	50.16 0.77 0.00	51.26 0.79 0.00	59.07 0.83 0.00	105.16 1.16 0.00	194.22 2.46 0.00	50.23 0.70 0.00	44.11 0.75 0.00	46.26 0.67 0.00	44.36 0.53 0.00	42.28 0.36 0.00	52.09 0.29 0.00	55.52 0.05 0.00	66.87 -0.14 0.00	125.43 -0.55 0.00	87.50 -0.09 0.00	79.08 0.28 0.00	101.53 0.13 0.00	132.45 -0.10 0.00	64.73 0.03 0.00	58.24 0.11 0.00	57.75 0.28 0.00
BABYLON_RES_REC 323704	59.92 3.62 -0.65	52.11 3.20 0.00	52.65 2.80 0.00	52.05 2.67 0.00	53.24 2.77 0.00	61.37 3.06 -0.08	111.94 5.46 -2.49	205.67 10.36 -3.54	52.60 2.42 -0.64	45.80 2.44 0.00	48.63 3.03 0.00	46.48 3.28 0.62	44.10 3.19 1.01	55.42 3.91 0.29	60.92 3.94 -1.50	73.71 4.86 -1.84	135.69 6.78 -2.93	95.18 4.90 -2.69	85.10 3.98 -2.32	110.00 4.65 -3.95	141.83 5.79 -3.48	68.53 3.56 -0.27	61.73 3.49 -0.10	61.21 3.74 0.00
BALL_HILL_WT_PWR 323825	54.77 1.37 2.25	47.14 1.12 2.88	45.89 1.46 5.42	47.90 1.48 2.97	49.89 1.39 1.97	58.04 0.87 1.07	102.59 -1.41 0.00	190.06 -1.70 0.00	48.07 -0.29 1.18	42.75 0.68 1.29	36.17 1.25 10.67	44.20 0.37 0.00	42.22 0.51 0.20	50.07 0.36 2.09	54.79 0.10 0.78	65.34 -1.31 0.36	120.79 -5.19 0.00	84.25 -3.34 0.00	74.95 -2.95 0.91	95.38 -3.43 2.58	122.33 -5.16 5.07	59.25 -2.38 3.06	54.25 -1.08 2.81	57.03 -0.44 0.00
BARON_WINDS___WT_PWR 323822	56.67 -0.72 -1.76	50.37 -0.80 -2.26	53.48 -0.60 -4.24	51.28 -0.43 -2.32	51.46 -0.55 -1.54	58.24 -0.84 -0.83	100.77 -3.24 0.00	186.85 -4.91 0.00	49.35 -1.06 -0.87	43.96 -0.34 -0.94	53.79 0.36 -7.84	43.22 -0.60 0.00	41.68 -0.40 -0.16	52.77 -0.66 -1.64	55.04 -1.05 -0.61	65.07 -2.22 -0.27	120.66 -5.33 0.00	84.19 -3.40 0.00	76.48 -2.97 -0.65	99.87 -3.37 -1.85	130.99 -5.20 -3.63	64.57 -2.45 -2.32	58.87 -1.40 -2.13	56.85 -0.62 0.00
BARRETT_IC_1 23704	60.49 3.20 -1.65	51.84 2.88 -0.05	52.37 2.47 -0.05	51.77 2.33 -0.05	52.97 2.46 -0.05	60.81 2.57 0.00	108.39 4.39 0.00	200.00 8.23 0.00	51.45 1.91 0.00	45.46 2.10 0.00	48.33 2.72 -0.02	61.30 3.00 -14.48	68.13 2.83 -23.38	61.99 3.52 -6.68	59.00 3.48 -0.05	71.25 4.19 -0.05	131.14 5.16 0.00	91.48 3.90 0.00	81.88 3.08 0.00	104.95 3.56 0.00	137.29 4.71 -0.02	67.59 2.90 0.00	61.09 2.92 -0.04	60.70 3.18 -0.05
BARRETT_IC_10 23701	60.49 3.20 -1.65	51.84 2.88 -0.05	52.37 2.47 -0.05	51.77 2.33 -0.05	52.97 2.46 -0.05	60.81 2.57 0.00	108.39 4.39 0.00	200.00 8.23 0.00	51.45 1.91 0.00	45.46 2.10 0.00	48.33 2.72 -0.02	61.30 3.00 -14.48	68.13 2.83 -23.38	61.99 3.52 -6.68	59.00 3.48 -0.05	71.25 4.19 -0.05	131.14 5.16 0.00	91.48 3.90 0.00	81.88 3.08 0.00	104.95 3.56 0.00	137.29 4.71 -0.02	67.59 2.90 0.00	61.09 2.92 -0.04	60.70 3.18 -0.05
BARRETT_IC_11 23702	60.49 3.20 -1.65	51.84 2.88 -0.05	52.37 2.47 -0.05	51.77 2.33 -0.05	52.97 2.46 -0.05	60.81 2.57 0.00	108.39 4.39 0.00	200.00 8.23 0.00	51.45 1.91 0.00	45.46 2.10 0.00	48.33 2.72 -0.02	61.30 3.00 -14.48	68.13 2.83 -23.38	61.99 3.52 -6.68	59.00 3.48 -0.05	71.25 4.19 -0.05	131.14 5.16 0.00	91.48 3.90 0.00	81.88 3.08 0.00	104.95 3.56 0.00	137.29 4.71 -0.02	67.59 2.90 0.00	61.09 2.92 -0.04	60.70 3.18 -0.05
BARRETT_IC_12 23703	60.49 3.20 -1.65	51.84 2.88 -0.05	52.37 2.47 -0.05	51.77 2.33 -0.05	52.97 2.46 -0.05	60.81 2.57 0.00	108.39 4.39 0.00	200.00 8.23 0.00	51.45 1.91 0.00	45.46 2.10 0.00	48.33 2.72 -0.02	61.30 3.00 -14.48	68.13 2.83 -23.38	61.99 3.52 -6.68	59.00 3.48 -0.05	71.25 4.19 -0.05	131.14 5.16 0.00	91.48 3.90 0.00	81.88 3.08 0.00	104.95 3.56 0.00	137.29 4.71 -0.02	67.59 2.90 0.00	61.09 2.92 -0.04	60.70 3.18 -0.05
BARRETT_IC_2 23705	60.49 3.20 -1.65	51.84 2.88 -0.05	52.37 2.47 -0.05	51.77 2.33 -0.05	52.97 2.46 -0.05	60.81 2.57 0.00	108.39 4.39 0.00	200.00 8.23 0.00	51.45 1.91 0.00	45.46 2.10 0.00	48.33 2.72 -0.02	61.30 3.00 -14.48	68.13 2.83 -23.38	61.99 3.52 -6.68	59.00 3.48 -0.05	71.25 4.19 -0.05	131.14 5.16 0.00	91.48 3.90 0.00	81.88 3.08 0.00	104.95 3.56 0.00	137.29 4.71 -0.02	67.59 2.90 0.00	61.09 2.92 -0.04	60.70 3.18 -0.05
BARRETT_IC_3 23706	60.49 3.20 -1.65	51.84 2.88 -0.05	52.37 2.47 -0.05	51.77 2.33 -0.05	52.97 2.46 -0.05	60.81 2.57 0.00	108.39 4.39 0.00	200.00 8.23 0.00	51.45 1.91 0.00	45.46 2.10 0.00	48.33 2.72 -0.02	61.30 3.00 -14.48	68.13 2.83 -23.38	61.99 3.52 -6.68	59.00 3.48 -0.05	71.25 4.19 -0.05	131.14 5.16 0.00	91.48 3.90 0.00	81.88 3.08 0.00	104.95 3.56 0.00	137.29 4.71 -0.02	67.59 2.90 0.00	61.09 2.92 -0.04	60.70 3.18 -0.05
BARRETT_IC_4 23707	60.49 3.20 -1.65	51.84 2.88 -0.05	52.37 2.47 -0.05	51.77 2.33 -0.05	52.97 2.46 -0.05	60.81 2.57 0.00	108.39 4.39 0.00	200.00 8.23 0.00	51.45 1.91 0.00	45.46 2.10 0.00	48.33 2.72 -0.02	61.30 3.00 -14.48	68.13 2.83 -23.38	61.99 3.52 -6.68	59.00 3.48 -0.05	71.25 4.19 -0.05	131.14 5.16 0.00	91.48 3.90 0.00	81.88 3.08 0.00	104.95 3.56 0.00	137.29 4.71 -0.02	67.59 2.90 0.00	61.09 2.92 -0.04	60.70 3.18 -0.05
BARRETT_IC_5 23708	60.49 3.20 -1.65	51.84 2.88 -0.05	52.37 2.47 -0.05	51.77 2.33 -0.05	52.97 2.46 -0.05	60.81 2.57 0.00	108.39 4.39 0.00	200.00 8.23 0.00	51.45 1.91 0.00	45.46 2.10 0.00	48.33 2.72 -0.02	61.30 3.00 -14.48	68.13 2.83 -23.38	61.99 3.52 -6.68	59.00 3.48 -0.05	71.25 4.19 -0.05	131.14 5.16 0.00	91.48 3.90 0.00	81.88 3.08 0.00	104.95 3.56 0.00	137.29 4.71 -0.02	67.59 2.90 0.00	61.09 2.92 -0.04	60.70 3.18 -0.05

BARRETT_IC_6 23709	60.49 3.20 -1.65	51.84 2.88 -0.05	52.37 2.47 -0.05	51.77 2.33 -0.05	52.97 2.46 -0.05	60.81 2.57 0.00	108.39 4.39 0.00	200.00 8.23 0.00	51.45 1.91 0.00	45.46 2.10 0.00	48.33 2.72 -0.02	61.30 3.00 -14.48	68.13 2.83 -23.38	61.99 3.52 -6.68	59.00 3.48 -0.05	71.25 4.19 -0.05	131.14 5.16 0.00	91.48 3.90 0.00	81.88 3.08 0.00	104.95 3.56 0.00	137.29 4.71 -0.02	67.59 2.90 0.00	61.09 2.92 -0.04	60.70 3.18 -0.05
BARRETT_IC_7 23710	60.47 3.18 -1.65	51.84 2.88 -0.05	52.37 2.47 -0.05	51.77 2.33 -0.05	52.97 2.45 -0.05	60.81 2.57 0.00	108.39 4.39 0.00	199.95 8.19 0.00	51.45 1.91 0.00	45.46 2.10 0.00	48.34 2.72 -0.02	61.30 2.99 -14.48	68.12 2.83 -23.38	62.00 3.52 -6.68	59.01 3.48 -0.05	71.25 4.19 -0.05	131.14 5.16 0.00	91.48 3.90 0.00	81.88 3.08 0.00	104.97 3.57 0.00	137.29 4.72 -0.02	67.59 2.90 0.00	61.09 2.91 -0.04	60.70 3.18 -0.05
BARRETT_IC_8 23711	60.49 3.20 -1.65	51.84 2.88 -0.05	52.37 2.47 -0.05	51.77 2.33 -0.05	52.97 2.46 -0.05	60.81 2.57 0.00	108.39 4.39 0.00	200.00 8.23 0.00	51.45 1.91 0.00	45.46 2.10 0.00	48.33 2.72 -0.02	61.30 3.00 -14.48	68.13 2.83 -23.38	61.99 3.52 -6.68	59.00 3.48 -0.05	71.25 4.19 -0.05	131.14 5.16 0.00	91.48 3.90 0.00	81.88 3.08 0.00	104.95 3.56 0.00	137.29 4.71 -0.02	67.59 2.90 0.00	61.09 2.92 -0.04	60.70 3.18 -0.05
BARRETT_IC_9 23700	60.49 3.20 -1.65	51.84 2.88 -0.05	52.37 2.47 -0.05	51.77 2.33 -0.05	52.97 2.46 -0.05	60.81 2.57 0.00	108.39 4.39 0.00	200.00 8.23 0.00	51.45 1.91 0.00	45.46 2.10 0.00	48.33 2.72 -0.02	61.30 3.00 -14.48	68.13 2.83 -23.38	61.99 3.52 -6.68	59.00 3.48 -0.05	71.25 4.19 -0.05	131.14 5.16 0.00	91.48 3.90 0.00	81.88 3.08 0.00	104.95 3.56 0.00	137.29 4.71 -0.02	67.59 2.90 0.00	61.09 2.92 -0.04	60.70 3.18 -0.05
BARRETT___1 23545	60.49 3.20 -1.65	51.84 2.88 -0.05	52.37 2.47 -0.05	51.77 2.33 -0.05	52.97 2.46 -0.05	60.81 2.57 0.00	108.39 4.39 0.00	200.00 8.23 0.00	51.45 1.91 0.00	45.46 2.10 0.00	48.33 2.72 -0.02	61.30 3.00 -14.48	68.13 2.83 -23.38	61.99 3.52 -6.68	59.00 3.48 -0.05	71.25 4.19 -0.05	131.14 5.16 0.00	91.48 3.90 0.00	81.88 3.08 0.00	104.95 3.56 0.00	137.29 4.71 -0.02	67.59 2.90 0.00	61.09 2.92 -0.04	60.70 3.18 -0.05
BARRETT___2 23546	60.49 3.20 -1.65	51.84 2.88 -0.05	52.37 2.47 -0.05	51.77 2.33 -0.05	52.97 2.46 -0.05	60.81 2.57 0.00	108.39 4.39 0.00	200.00 8.23 0.00	51.45 1.91 0.00	45.46 2.10 0.00	48.33 2.72 -0.02	61.30 3.00 -14.48	68.13 2.83 -23.38	61.99 3.52 -6.68	59.00 3.48 -0.05	71.25 4.19 -0.05	131.14 5.16 0.00	91.48 3.90 0.00	81.88 3.08 0.00	104.95 3.56 0.00	137.29 4.71 -0.02	67.59 2.90 0.00	61.09 2.92 -0.04	60.70 3.18 -0.05
BATAVIA___115KV_TB1 55881	58.39 2.75 0.00	51.16 2.25 0.00	52.37 2.52 0.00	51.91 2.52 0.00	52.96 2.49 0.00	60.34 2.10 0.00	105.15 1.15 0.00	194.48 2.72 0.00	50.55 1.01 0.00	44.97 1.61 0.00	47.54 1.95 0.00	44.92 1.10 0.00	42.81 0.89 0.00	52.36 0.57 0.00	55.92 0.45 0.00	66.79 -0.22 0.00	123.91 -2.07 0.00	86.60 -0.99 0.00	78.05 -0.75 0.00	100.39 -1.01 0.00	130.52 -2.04 0.00	63.64 -1.05 0.00	58.25 0.11 0.00	58.15 0.68 0.00
BAYONEEC___CTG1 323682	58.25 2.60 0.00	51.27 2.36 0.00	52.03 2.18 0.00	51.51 2.13 0.00	52.59 2.12 0.00	60.94 2.70 0.00	109.10 5.10 0.00	201.31 9.54 0.00	51.87 2.33 0.00	45.74 2.38 0.00	48.25 2.65 0.00	46.49 2.66 0.00	44.45 2.54 0.00	54.99 3.19 0.00	58.71 3.23 0.00	70.69 3.68 0.00	131.62 5.64 0.00	91.59 4.00 0.00	82.00 3.20 0.00	105.17 3.78 0.00	137.18 4.62 0.00	67.20 2.51 0.00	60.36 2.23 0.00	59.65 2.18 0.00
BAYONEEC___CTG10 323750	58.25 2.60 0.00	51.27 2.36 0.00	52.03 2.18 0.00	51.51 2.13 0.00	52.59 2.12 0.00	60.94 2.70 0.00	109.10 5.10 0.00	201.31 9.54 0.00	51.87 2.33 0.00	45.74 2.38 0.00	48.25 2.65 0.00	46.49 2.66 0.00	44.45 2.54 0.00	54.99 3.19 0.00	58.71 3.23 0.00	70.69 3.68 0.00	131.62 5.64 0.00	91.59 4.00 0.00	82.00 3.20 0.00	105.17 3.78 0.00	137.18 4.62 0.00	67.20 2.51 0.00	60.36 2.23 0.00	59.65 2.18 0.00
BAYONEEC___CTG2 323683	58.25 2.60 0.00	51.27 2.36 0.00	52.03 2.18 0.00	51.51 2.13 0.00	52.59 2.12 0.00	60.94 2.70 0.00	109.10 5.10 0.00	201.31 9.54 0.00	51.87 2.33 0.00	45.74 2.38 0.00	48.25 2.65 0.00	46.49 2.66 0.00	44.45 2.54 0.00	54.99 3.19 0.00	58.71 3.23 0.00	70.69 3.68 0.00	131.62 5.64 0.00	91.59 4.00 0.00	82.00 3.20 0.00	105.17 3.78 0.00	137.18 4.62 0.00	67.20 2.51 0.00	60.36 2.23 0.00	59.65 2.18 0.00
BAYONEEC___CTG3 323684	58.25 2.60 0.00	51.27 2.36 0.00	52.03 2.18 0.00	51.51 2.13 0.00	52.59 2.12 0.00	60.94 2.70 0.00	109.10 5.10 0.00	201.31 9.54 0.00	51.87 2.33 0.00	45.74 2.38 0.00	48.25 2.65 0.00	46.49 2.66 0.00	44.45 2.54 0.00	54.99 3.19 0.00	58.71 3.23 0.00	70.69 3.68 0.00	131.62 5.64 0.00	91.59 4.00 0.00	82.00 3.20 0.00	105.17 3.78 0.00	137.18 4.62 0.00	67.20 2.51 0.00	60.36 2.23 0.00	59.65 2.18 0.00
BAYONEEC___CTG4 323685	58.25 2.60 0.00	51.27 2.36 0.00	52.03 2.18 0.00	51.51 2.13 0.00	52.59 2.12 0.00	60.94 2.70 0.00	109.10 5.10 0.00	201.31 9.54 0.00	51.87 2.33 0.00	45.74 2.38 0.00	48.25 2.65 0.00	46.49 2.66 0.00	44.45 2.54 0.00	54.99 3.19 0.00	58.71 3.23 0.00	70.69 3.68 0.00	131.62 5.64 0.00	91.59 4.00 0.00	82.00 3.20 0.00	105.17 3.78 0.00	137.18 4.62 0.00	67.20 2.51 0.00	60.36 2.23 0.00	59.65 2.18 0.00
BAYONEEC___CTG5 323686	58.25 2.60 0.00	51.27 2.36 0.00	52.03 2.18 0.00	51.51 2.13 0.00	52.59 2.12 0.00	60.94 2.70 0.00	109.10 5.10 0.00	201.31 9.54 0.00	51.87 2.33 0.00	45.74 2.38 0.00	48.25 2.65 0.00	46.49 2.66 0.00	44.45 2.54 0.00	54.99 3.19 0.00	58.71 3.23 0.00	70.69 3.68 0.00	131.62 5.64 0.00	91.59 4.00 0.00	82.00 3.20 0.00	105.17 3.78 0.00	137.18 4.62 0.00	67.20 2.51 0.00	60.36 2.23 0.00	59.65 2.18 0.00
BAYONEEC___CTG6 323687	58.25 2.60 0.00	51.27 2.36 0.00	52.03 2.18 0.00	51.51 2.13 0.00	52.59 2.12 0.00	60.94 2.70 0.00	109.10 5.10 0.00	201.31 9.54 0.00	51.87 2.33 0.00	45.74 2.38 0.00	48.25 2.65 0.00	46.49 2.66 0.00	44.45 2.54 0.00	54.99 3.19 0.00	58.71 3.23 0.00	70.69 3.68 0.00	131.62 5.64 0.00	91.59 4.00 0.00	82.00 3.20 0.00	105.17 3.78 0.00	137.18 4.62 0.00	67.20 2.51 0.00	60.36 2.23 0.00	59.65 2.18 0.00
BAYONEEC___CTG7 323688	58.25 2.60 0.00	51.27 2.36 0.00	52.03 2.18 0.00	51.51 2.13 0.00	52.59 2.12 0.00	60.94 2.70 0.00	109.10 5.10 0.00	201.31 9.54 0.00	51.87 2.33 0.00	45.74 2.38 0.00	48.25 2.65 0.00	46.49 2.66 0.00	44.45 2.54 0.00	54.99 3.19 0.00	58.71 3.23 0.00	70.69 3.68 0.00	131.62 5.64 0.00	91.59 4.00 0.00	82.00 3.20 0.00	105.17 3.78 0.00	137.18 4.62 0.00	67.20 2.51 0.00	60.36 2.23 0.00	59.65 2.18 0.00

BAYONEEC___CTG8 323689	58.25 2.60 0.00	51.27 2.36 0.00	52.03 2.18 0.00	51.51 2.13 0.00	52.59 2.12 0.00	60.94 2.70 0.00	109.10 5.10 0.00	201.31 9.54 0.00	51.87 2.33 0.00	45.74 2.38 0.00	48.25 2.65 0.00	46.49 2.66 0.00	44.45 2.54 0.00	54.99 3.19 0.00	58.71 3.23 0.00	70.69 3.68 0.00	131.62 5.64 0.00	91.59 4.00 0.00	82.00 3.20 0.00	105.17 3.78 0.00	137.18 4.62 0.00	67.20 2.51 0.00	60.36 2.23 0.00	59.65 2.18 0.00
BAYONEEC___CTG9 323749	58.25 2.60 0.00	51.27 2.36 0.00	52.03 2.18 0.00	51.51 2.13 0.00	52.59 2.12 0.00	60.94 2.70 0.00	109.10 5.10 0.00	201.31 9.54 0.00	51.87 2.33 0.00	45.74 2.38 0.00	48.25 2.65 0.00	46.49 2.66 0.00	44.45 2.54 0.00	54.99 3.19 0.00	58.71 3.23 0.00	70.69 3.68 0.00	131.62 5.64 0.00	91.59 4.00 0.00	82.00 3.20 0.00	105.17 3.78 0.00	137.18 4.62 0.00	67.20 2.51 0.00	60.36 2.23 0.00	59.65 2.18 0.00
BEACON___LESR 323632	56.92 1.27 0.00	50.21 1.30 0.00	51.11 1.26 0.00	50.51 1.13 0.00	51.62 1.15 0.00	59.71 1.47 0.00	106.67 2.67 0.00	196.36 4.59 0.00	50.85 1.31 0.00	44.22 0.86 0.00	46.43 0.84 0.00	44.78 0.96 0.00	42.81 0.90 0.00	52.88 1.08 0.00	56.75 1.27 0.00	68.91 1.90 0.00	129.35 3.37 0.00	89.51 1.92 0.00	80.60 1.80 0.00	103.45 2.05 0.00	135.36 2.81 0.00	66.11 1.42 0.00	59.12 0.98 0.00	58.41 0.94 0.00
BEAVER RIVER___HYD 24048	54.98 -0.66 0.00	48.41 -0.49 0.00	49.67 -0.17 0.00	49.21 -0.17 0.00	50.44 -0.03 0.00	58.65 0.41 0.00	105.32 1.32 0.00	194.89 3.13 0.00	49.94 0.40 0.00	42.80 -0.56 0.00	44.40 -1.20 0.00	42.63 -1.20 0.00	40.77 -1.14 0.00	50.88 -0.92 0.00	55.49 0.02 0.00	67.15 0.14 0.00	127.87 1.89 0.00	89.43 1.84 0.00	80.30 1.50 0.00	103.77 2.37 0.00	135.78 3.22 0.00	66.24 1.55 0.00	59.57 1.43 0.00	58.81 1.33 0.00
BEEBEE_GT_13 23619	57.04 1.40 0.00	50.13 1.22 0.00	51.24 1.39 0.00	50.78 1.39 0.00	51.83 1.36 0.00	59.26 1.02 0.00	104.08 0.08 0.00	192.32 0.55 0.00	49.89 0.36 0.00	44.25 0.89 0.00	46.77 1.18 0.00	44.47 0.64 0.00	42.51 0.59 0.00	52.31 0.52 0.00	55.81 0.33 0.00	66.56 -0.45 0.00	123.47 -2.52 0.00	86.15 -1.43 0.00	77.56 -1.24 0.00	99.81 -1.59 0.00	129.98 -2.59 0.00	63.50 -1.19 0.00	57.77 -0.37 0.00	57.35 -0.12 0.00
BENSHRST_27_KV_BENSHRST_1 355998	58.68 3.04 0.00	51.73 2.82 0.00	52.46 2.61 0.00	51.96 2.58 0.00	53.05 2.58 0.00	61.40 3.16 0.00	110.00 6.00 0.00	202.83 11.07 0.00	52.43 2.89 0.00	46.20 2.85 0.00	48.68 3.09 0.00	46.93 3.11 0.00	44.87 2.95 0.00	55.51 3.71 0.00	59.24 3.77 0.00	71.18 4.17 0.00	132.64 6.66 0.00	92.37 4.79 0.00	82.71 3.91 0.00	106.05 4.65 0.00	138.49 5.93 0.00	67.81 3.12 0.00	60.98 2.84 0.00	60.13 2.66 0.00
BETHLEHEM___GRP 23843	55.57 -0.08 0.00	49.24 0.33 0.00	50.06 0.21 0.00	49.59 0.20 0.00	50.55 0.08 0.00	58.37 0.13 0.00	104.25 0.25 0.00	191.91 0.14 0.00	49.82 0.28 0.00	43.37 0.02 0.00	45.50 -0.09 0.00	43.89 0.07 0.00	42.05 0.13 0.00	51.75 -0.05 0.00	55.50 0.02 0.00	67.19 0.18 0.00	126.25 0.26 0.00	87.30 -0.28 0.00	78.63 -0.17 0.00	100.97 -0.42 0.00	132.29 -0.26 0.00	64.61 -0.08 0.00	57.82 -0.31 0.00	57.13 -0.33 0.00
BETHLEHEM___GS1 323560	55.57 -0.07 0.00	49.24 0.33 0.00	50.06 0.21 0.00	49.59 0.20 0.00	50.54 0.07 0.00	58.37 0.13 0.00	104.27 0.27 0.00	191.87 0.11 0.00	49.82 0.28 0.00	43.37 0.02 0.00	45.50 -0.09 0.00	43.89 0.07 0.00	42.05 0.13 0.00	51.75 -0.05 0.00	55.50 0.02 0.00	67.19 0.18 0.00	126.25 0.27 0.00	87.30 -0.28 0.00	78.63 -0.17 0.00	100.97 -0.42 0.00	132.30 -0.26 0.00	64.61 -0.08 0.00	57.82 -0.31 0.00	57.14 -0.33 0.00
BETHLEHEM___GS2 323561	55.57 -0.07 0.00	49.24 0.33 0.00	50.06 0.21 0.00	49.59 0.20 0.00	50.54 0.07 0.00	58.37 0.13 0.00	104.27 0.27 0.00	191.87 0.11 0.00	49.82 0.28 0.00	43.37 0.02 0.00	45.50 -0.09 0.00	43.89 0.07 0.00	42.05 0.13 0.00	51.75 -0.05 0.00	55.50 0.02 0.00	67.19 0.18 0.00	126.25 0.27 0.00	87.30 -0.28 0.00	78.63 -0.17 0.00	100.97 -0.42 0.00	132.30 -0.26 0.00	64.61 -0.08 0.00	57.82 -0.31 0.00	57.14 -0.33 0.00
BETHLEHEM___GS3 323562	55.57 -0.07 0.00	49.24 0.33 0.00	50.06 0.21 0.00	49.59 0.20 0.00	50.54 0.07 0.00	58.37 0.13 0.00	104.27 0.27 0.00	191.87 0.11 0.00	49.82 0.28 0.00	43.37 0.02 0.00	45.50 -0.09 0.00	43.89 0.07 0.00	42.05 0.13 0.00	51.75 -0.05 0.00	55.50 0.02 0.00	67.19 0.18 0.00	126.25 0.27 0.00	87.30 -0.28 0.00	78.63 -0.17 0.00	100.97 -0.42 0.00	132.30 -0.26 0.00	64.61 -0.08 0.00	57.82 -0.31 0.00	57.14 -0.33 0.00
BETHLEHEM___STEEL 23779	57.33 1.69 0.00	50.38 1.48 0.00	51.59 1.74 0.00	51.16 1.77 0.00	52.13 1.66 0.00	59.30 1.06 0.00	102.67 -1.33 0.00	189.77 -1.99 0.00	49.37 -0.17 0.00	44.16 0.80 0.00	46.92 1.32 0.00	44.26 0.43 0.00	42.46 0.54 0.00	52.26 0.46 0.00	55.65 0.17 0.00	65.87 -1.15 0.00	121.13 -4.86 0.00	84.45 -3.14 0.00	76.08 -2.72 0.00	98.15 -3.25 0.00	127.62 -4.94 0.00	62.33 -2.36 0.00	57.16 -0.98 0.00	57.08 -0.39 0.00
BETHLHEM_115KV_TB1 79974	55.77 0.13 0.00	49.37 0.46 0.00	50.22 0.37 0.00	49.75 0.36 0.00	50.72 0.26 0.00	58.55 0.31 0.00	104.60 0.60 0.00	192.55 0.78 0.00	49.95 0.41 0.00	43.50 0.15 0.00	45.66 0.06 0.00	44.03 0.20 0.00	42.16 0.25 0.00	51.94 0.14 0.00	55.69 0.22 0.00	67.41 0.40 0.00	126.63 0.64 0.00	87.58 -0.01 0.00	78.87 0.07 0.00	101.31 -0.09 0.00	132.69 0.13 0.00	64.82 0.13 0.00	58.04 -0.10 0.00	57.35 -0.12 0.00
BETHPAGE_CC_5 323564	59.33 3.45 -0.23	52.01 3.10 0.00	52.54 2.69 0.00	51.95 2.57 0.00	53.13 2.66 0.00	61.10 2.86 0.00	109.07 5.06 0.00	201.36 9.60 0.00	51.81 2.27 0.00	45.68 2.32 0.00	48.50 2.90 0.00	47.08 3.26 0.00	45.04 3.13 0.00	55.64 3.85 0.00	59.33 3.85 0.00	71.59 4.57 0.00	132.19 6.21 0.00	92.20 4.61 0.00	82.48 3.68 0.00	105.70 4.30 0.00	137.94 5.38 0.00	68.01 3.31 0.00	61.45 3.32 0.00	61.01 3.54 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	57.47 1.83 0.00	50.52 1.61 0.00	51.72 1.87 0.00	51.28 1.89 0.00	52.25 1.78 0.00	59.48 1.24 0.00	102.99 -1.01 0.00	190.40 -1.36 0.00	49.53 -0.01 0.00	44.30 0.95 0.00	47.09 1.49 0.00	44.43 0.61 0.00	42.60 0.69 0.00	52.47 0.66 0.00	55.86 0.39 0.00	66.12 -0.90 0.00	121.54 -4.44 0.00	84.77 -2.82 0.00	76.38 -2.42 0.00	98.55 -2.84 0.00	128.15 -4.41 0.00	62.57 -2.12 0.00	57.34 -0.79 0.00	57.25 -0.22 0.00
BINGHAMTON___COGEN 23790	56.52 0.87 0.00	49.69 0.78 0.00	50.75 0.90 0.00	50.29 0.91 0.00	51.35 0.88 0.00	59.19 0.95 0.00	105.49 1.49 0.00	194.79 3.02 0.00	50.28 0.75 0.00	44.19 0.83 0.00	46.58 0.99 0.00	44.58 0.75 0.00	42.66 0.74 0.00	52.61 0.81 0.00	56.24 0.76 0.00	67.72 0.71 0.00	126.89 0.90 0.00	88.32 0.73 0.00	79.44 0.64 0.00	102.37 0.97 0.00	133.74 1.18 0.00	65.29 0.60 0.00	58.72 0.58 0.00	58.09 0.61 0.00

BIXINCNT_115KV_LOAD 355685	57.67 2.03 0.00	50.74 1.83 0.00	51.90 2.05 0.00	51.29 1.90 0.00	52.13 1.66 0.00	59.73 1.49 0.00	104.05 0.05 0.00	192.91 1.15 0.00	50.11 0.57 0.00	44.96 1.61 0.00	47.77 2.18 0.00	45.12 1.30 0.00	43.23 1.31 0.00	53.29 1.49 0.00	56.72 1.24 0.00	67.02 0.01 0.00	123.17 -2.81 0.00	85.94 -1.65 0.00	77.36 -1.45 0.00	100.07 -1.33 0.00	130.08 -2.48 0.00	63.46 -1.24 0.00	58.09 -0.05 0.00	58.01 0.54 0.00
BLACK RIVER___HYD 24047	54.84 -0.80 0.00	48.25 -0.66 0.00	49.58 -0.26 0.00	49.10 -0.28 0.00	50.35 -0.12 0.00	58.71 0.47 0.00	105.72 1.72 0.00	196.01 4.24 0.00	49.86 0.32 0.00	42.53 -0.83 0.00	43.83 -1.76 0.00	42.05 -1.77 0.00	40.20 -1.71 0.00	50.31 -1.49 0.00	55.11 -0.37 0.00	66.75 -0.27 0.00	127.62 1.64 0.00	89.51 1.92 0.00	80.30 1.50 0.00	103.71 2.31 0.00	135.88 3.32 0.00	66.25 1.56 0.00	59.47 1.33 0.00	58.57 1.10 0.00
BLACKRVR_115KV_TB2 79977	54.84 -0.80 0.00	48.25 -0.66 0.00	49.58 -0.26 0.00	49.10 -0.28 0.00	50.35 -0.12 0.00	58.71 0.47 0.00	105.72 1.72 0.00	196.01 4.24 0.00	49.86 0.32 0.00	42.53 -0.83 0.00	43.83 -1.76 0.00	42.05 -1.77 0.00	40.21 -1.71 0.00	50.31 -1.49 0.00	55.11 -0.37 0.00	66.74 -0.27 0.00	127.63 1.64 0.00	89.51 1.92 0.00	80.31 1.51 0.00	103.71 2.31 0.00	135.88 3.32 0.00	66.25 1.56 0.00	59.47 1.33 0.00	58.59 1.11 0.00
BLDWN_LI_69_KV_BK4 356085	59.64 3.57 -0.43	52.10 3.18 -0.01	52.65 2.79 -0.01	52.06 2.66 -0.01	53.25 2.77 -0.01	61.24 3.00 0.00	109.06 5.06 0.00	201.37 9.60 0.00	51.92 2.38 0.00	45.76 2.41 0.00	48.59 2.99 0.00	50.90 3.26 -3.81	51.19 3.11 -6.16	57.44 3.88 -1.76	59.41 3.92 -0.01	71.76 4.74 -0.01	132.25 6.27 0.00	92.34 4.76 0.00	82.63 3.83 0.00	105.92 4.52 0.00	138.45 5.88 0.00	68.26 3.57 0.00	61.61 3.46 -0.01	61.16 3.68 -0.01
BLISS_WT_PWR 323608	55.22 1.97 2.39	47.63 1.79 3.07	46.10 2.02 5.77	48.03 1.81 3.16	49.90 1.52 2.09	58.52 1.41 1.14	104.06 0.05 0.00	193.12 1.36 0.00	48.96 0.67 1.25	43.67 1.68 1.37	36.45 2.22 11.36	45.19 1.37 0.00	43.06 1.36 0.22	51.13 1.56 2.23	55.96 1.32 0.83	66.73 0.11 0.39	123.33 -2.65 0.00	86.08 -1.51 0.00	76.48 -1.34 0.98	97.42 -1.17 2.81	124.72 -2.34 5.50	60.23 -1.14 3.33	55.11 0.02 3.06	58.04 0.57 0.00
BLUESTONE___WT_PWR 323821	57.09 0.57 -0.88	50.78 0.74 -1.13	53.01 1.05 -2.11	51.81 1.27 -1.16	52.43 1.19 -0.77	60.21 1.55 -0.42	107.60 3.60 0.00	199.26 7.50 0.00	51.84 1.83 -0.46	45.65 1.79 -0.51	52.06 2.27 -4.20	45.60 1.77 0.00	43.50 1.51 -0.08	54.60 1.98 -0.82	58.74 2.95 -0.31	71.02 3.87 -0.13	133.94 7.95 0.00	93.56 5.98 0.00	84.41 5.28 -0.32	109.37 7.04 -0.93	143.39 9.01 -1.83	69.98 4.12 -1.17	62.70 3.49 -1.07	60.57 3.10 0.00
BLUE_CIRC_CHEM_DRP 24182	56.52 0.88 0.00	49.97 1.06 0.00	50.90 1.05 0.00	50.44 1.06 0.00	51.48 1.00 0.00	59.39 1.15 0.00	106.05 2.05 0.00	195.04 3.28 0.00	50.46 0.92 0.00	43.87 0.51 0.00	45.98 0.39 0.00	44.27 0.44 0.00	42.39 0.47 0.00	52.38 0.58 0.00	56.30 0.82 0.00	68.22 1.21 0.00	128.32 2.34 0.00	88.73 1.14 0.00	79.94 1.15 0.00	102.73 1.34 0.00	134.60 2.04 0.00	65.70 1.01 0.00	58.85 0.71 0.00	58.17 0.70 0.00
BOC_GAS_DRP 24189	56.28 0.64 0.00	49.69 0.78 0.00	50.62 0.77 0.00	50.16 0.77 0.00	51.18 0.71 0.00	59.04 0.80 0.00	105.44 1.44 0.00	194.13 2.36 0.00	50.25 0.71 0.00	43.86 0.51 0.00	46.07 0.48 0.00	44.37 0.55 0.00	42.47 0.55 0.00	52.44 0.64 0.00	56.17 0.69 0.00	67.95 0.94 0.00	127.48 1.49 0.00	88.26 0.68 0.00	79.45 0.65 0.00	102.11 0.71 0.00	133.70 1.14 0.00	65.34 0.64 0.00	58.57 0.43 0.00	57.89 0.42 0.00
BOONVILLE_115KV_TB1 79983	56.29 0.65 0.00	49.58 0.67 0.00	50.70 0.86 0.00	50.26 0.87 0.00	51.42 0.95 0.00	59.61 1.37 0.00	106.86 2.85 0.00	197.44 5.68 0.00	50.83 1.29 0.00	43.94 0.59 0.00	45.94 0.34 0.00	44.20 0.37 0.00	42.30 0.39 0.00	52.54 0.74 0.00	56.79 1.31 0.00	68.67 1.66 0.00	129.72 3.73 0.00	90.39 2.80 0.00	81.23 2.43 0.00	104.72 3.32 0.00	136.83 4.27 0.00	66.66 1.97 0.00	59.90 1.76 0.00	59.10 1.63 0.00
BORALEX_4TH_BRANCH 23824	57.55 1.91 0.00	50.89 1.98 0.00	51.51 1.67 0.00	51.13 1.74 0.00	52.20 1.73 0.00	60.64 2.40 0.00	108.04 4.03 0.00	197.43 5.66 0.00	51.55 2.02 0.00	44.54 1.18 0.00	46.46 0.86 0.00	44.75 0.92 0.00	42.93 1.01 0.00	53.17 1.37 0.00	57.10 1.63 0.00	69.06 2.05 0.00	130.63 4.64 0.00	89.63 2.04 0.00	81.25 2.45 0.00	104.25 2.85 0.00	137.27 4.71 0.00	67.01 2.32 0.00	59.65 1.52 0.00	59.06 1.59 0.00
BOWLINE___1 23526	57.89 2.25 0.00	50.93 2.02 0.00	51.72 1.87 0.00	51.23 1.84 0.00	52.33 1.86 0.00	60.60 2.36 0.00	108.52 4.52 0.00	200.24 8.47 0.00	51.46 1.92 0.00	45.26 1.91 0.00	47.73 2.14 0.00	45.98 2.16 0.00	43.96 2.05 0.00	54.40 2.60 0.00	58.12 2.65 0.00	70.15 3.13 0.00	130.93 4.94 0.00	91.09 3.51 0.00	81.60 2.80 0.00	104.78 3.39 0.00	136.76 4.20 0.00	66.93 2.23 0.00	60.08 1.94 0.00	59.35 1.88 0.00
BOWLINE___2 23595	57.87 2.22 0.00	50.92 2.01 0.00	51.71 1.86 0.00	51.22 1.83 0.00	52.33 1.86 0.00	60.59 2.35 0.00	108.47 4.46 0.00	200.15 8.39 0.00	51.45 1.91 0.00	45.25 1.89 0.00	47.72 2.13 0.00	45.97 2.15 0.00	43.95 2.04 0.00	54.39 2.59 0.00	58.10 2.63 0.00	70.12 3.11 0.00	130.85 4.86 0.00	91.08 3.49 0.00	81.59 2.79 0.00	104.76 3.36 0.00	136.75 4.19 0.00	66.91 2.22 0.00	60.07 1.93 0.00	59.34 1.87 0.00
BRADY___115KV_TB2 356060	56.60 0.95 0.00	49.41 0.49 0.00	50.34 0.49 0.00	49.84 0.46 0.00	51.10 0.63 0.00	59.11 0.87 0.00	105.76 1.76 0.00	195.40 3.64 0.00	50.49 0.95 0.00	44.15 0.79 0.00	46.39 0.79 0.00	44.52 0.69 0.00	42.37 0.45 0.00	52.29 0.49 0.00	55.90 0.43 0.00	67.57 0.56 0.00	129.02 3.03 0.00	90.24 2.65 0.00	81.41 2.61 0.00	104.95 3.55 0.00	136.96 4.41 0.00	66.82 2.13 0.00	60.16 2.02 0.00	59.66 2.19 0.00
BRANSCOMB___SOLAR 323811	58.30 2.65 0.00	51.40 2.49 0.00	52.20 2.36 0.00	51.75 2.37 0.00	52.91 2.44 0.00	61.34 3.10 0.00	109.53 5.53 0.00	201.15 9.38 0.00	52.12 2.58 0.00	44.87 1.52 0.00	47.03 1.44 0.00	45.28 1.46 0.00	43.38 1.47 0.00	53.86 2.07 0.00	57.97 2.50 0.00	70.40 3.39 0.00	132.68 6.69 0.00	91.56 3.98 0.00	82.79 3.99 0.00	106.21 4.81 0.00	139.57 7.01 0.00	67.93 3.23 0.00	60.63 2.49 0.00	59.90 2.43 0.00
BRDGHMPT_69_KV_BK1 55812	64.43 5.44 -3.35	53.70 4.79 0.01	54.26 4.42 0.01	53.66 4.28 0.01	54.92 4.46 0.01	63.82 5.15 -0.43	127.00 9.24 -13.75	228.41 17.02 -19.62	56.95 3.88 -3.53	46.94 3.58 0.00	49.78 4.19 0.00	46.42 4.30 1.71	43.22 4.06 2.76	56.01 5.00 0.79	69.01 5.22 -8.32	84.05 6.84 -10.20	152.53 10.33 -16.22	108.76 6.26 -14.91	97.06 5.41 -12.85	130.15 6.91 -21.85	160.40 8.56 -19.28	71.31 5.11 -1.51	63.84 5.14 -0.56	62.83 5.36 0.01

BRENTWOD_69_KV_W. BRTWOOD 56703	62.61 4.02 -2.95	52.37 3.47 0.00	52.93 3.09 0.00	52.31 2.93 0.00	53.50 3.03 0.00	62.04 3.42 -0.38	121.72 5.75 -11.97	219.29 10.45 -17.08	55.38 2.77 -3.07	46.04 2.68 0.00	48.94 3.35 0.00	45.89 3.50 1.44	42.90 3.31 2.32	55.35 4.21 0.66	67.03 4.32 -7.24	81.25 5.35 -8.88	147.48 7.38 -14.12	105.56 4.99 -12.98	94.03 4.05 -11.18	125.19 4.78 -19.02	155.32 5.98 -16.79	70.04 4.04 -1.31	62.48 3.86 -0.49	61.54 4.08 0.00
BRISTLHL_115KV_TB1 79998	54.47 -1.18 0.00	47.90 -1.01 0.00	48.86 -0.99 0.00	48.41 -0.98 0.00	49.45 -1.02 0.00	57.00 -1.23 0.00	101.72 -2.28 0.00	187.91 -3.85 0.00	48.52 -1.02 0.00	42.49 -0.87 0.00	44.70 -0.89 0.00	42.89 -0.94 0.00	41.02 -0.89 0.00	50.65 -1.15 0.00	54.19 -1.29 0.00	65.13 -1.89 0.00	122.11 -3.88 0.00	85.00 -2.58 0.00	76.44 -2.36 0.00	98.60 -2.80 0.00	128.90 -3.66 0.00	63.03 -1.66 0.00	56.65 -1.49 0.00	55.98 -1.49 0.00
BROOKHAVEN___DRP 24191	62.88 3.83 -3.41	52.33 3.43 0.01	52.86 3.02 0.01	52.25 2.87 0.01	53.46 2.99 0.01	62.04 3.36 -0.44	123.89 5.92 -13.96	222.63 10.95 -19.92	55.58 2.46 -3.58	45.80 2.44 0.00	48.65 3.05 0.00	45.40 3.29 1.72	42.25 3.10 2.77	54.79 3.78 0.79	67.75 3.83 -8.45	82.37 5.00 -10.35	149.18 6.72 -16.47	107.40 4.68 -15.14	95.66 3.82 -13.04	128.11 4.53 -22.18	157.80 5.67 -19.58	69.85 3.63 -1.53	62.42 3.71 -0.57	61.45 3.99 0.01
BROOKLYN_NAVY_YARD 23515	58.10 2.46 0.00	51.12 2.21 0.00	51.87 2.03 0.00	51.35 1.96 0.00	52.44 1.97 0.00	60.75 2.51 0.00	108.82 4.81 0.00	200.91 9.15 0.00	51.75 2.21 0.00	45.66 2.31 0.00	48.15 2.56 0.00	46.40 2.58 0.00	44.35 2.44 0.00	54.85 3.05 0.00	58.59 3.11 0.00	70.55 3.54 0.00	131.37 5.38 0.00	91.39 3.80 0.00	81.87 3.07 0.00	105.01 3.61 0.00	136.91 4.35 0.00	67.08 2.38 0.00	60.23 2.10 0.00	59.52 2.05 0.00
BROOKLYN___ARMY_DRP 323595	58.39 2.75 0.00	51.49 2.57 0.00	52.21 2.36 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.80 10.04 0.00	52.15 2.61 0.00	45.94 2.58 0.00	48.41 2.81 0.00	46.68 2.85 0.00	44.62 2.70 0.00	55.19 3.39 0.00	58.89 3.42 0.00	70.77 3.76 0.00	131.87 5.88 0.00	91.81 4.22 0.00	82.22 3.42 0.00	105.41 4.01 0.00	137.68 5.13 0.00	67.42 2.73 0.00	60.65 2.52 0.00	59.82 2.35 0.00
BROOME_2_LFGE 323671	57.72 0.87 -1.21	51.25 0.78 -1.56	53.68 0.90 -2.93	51.90 0.91 -1.61	52.43 0.90 -1.06	59.77 0.95 -0.58	105.51 1.50 0.00	194.81 3.05 0.00	50.92 0.75 -0.64	44.88 0.83 -0.69	52.35 0.99 -5.77	44.58 0.76 0.00	42.77 0.74 -0.11	53.74 0.81 -1.13	56.66 0.76 -0.42	67.91 0.71 -0.19	126.89 0.91 0.00	88.32 0.74 0.00	79.90 0.64 -0.45	103.67 0.97 -1.30	136.23 1.13 -2.54	66.91 0.60 -1.62	60.21 0.58 -1.49	58.08 0.61 0.00
BROOME___LFGE 323600	57.72 0.87 -1.21	51.25 0.78 -1.56	53.68 0.90 -2.93	51.90 0.91 -1.61	52.43 0.90 -1.06	59.77 0.95 -0.58	105.51 1.50 0.00	194.81 3.05 0.00	50.92 0.75 -0.64	44.88 0.83 -0.69	52.35 0.99 -5.77	44.58 0.76 0.00	42.77 0.74 -0.11	53.74 0.81 -1.13	56.66 0.76 -0.42	67.91 0.71 -0.19	126.89 0.91 0.00	88.32 0.74 0.00	79.90 0.64 -0.45	103.67 0.97 -1.30	136.23 1.13 -2.54	66.91 0.60 -1.62	60.21 0.58 -1.49	58.08 0.61 0.00
BROWNFLS_115KV_TB_3_5 80003	55.10 -0.54 0.00	48.33 -0.58 0.00	49.43 -0.42 0.00	48.97 -0.42 0.00	50.19 -0.29 0.00	58.12 -0.12 0.00	104.13 0.12 0.00	192.63 0.86 0.00	49.60 0.06 0.00	42.90 -0.46 0.00	44.85 -0.74 0.00	43.08 -0.75 0.00	41.11 -0.81 0.00	51.11 -0.69 0.00	55.25 -0.23 0.00	66.80 -0.22 0.00	126.56 0.57 0.00	88.32 0.74 0.00	79.66 0.86 0.00	103.01 1.61 0.00	134.73 2.17 0.00	65.87 1.18 0.00	59.34 1.20 0.00	58.68 1.21 0.00
BROWNSV1_27_KV_LOAD 356125	58.79 3.14 0.00	51.71 2.80 0.00	52.47 2.62 0.00	51.93 2.55 0.00	53.02 2.55 0.00	61.47 3.23 0.00	110.11 6.11 0.00	203.34 11.57 0.00	52.39 2.85 0.00	46.19 2.83 0.00	48.73 3.14 0.00	46.94 3.12 0.00	44.88 2.97 0.00	55.52 3.72 0.00	59.30 3.82 0.00	71.39 4.38 0.00	132.99 7.01 0.00	92.55 4.96 0.00	82.86 4.05 0.00	106.29 4.89 0.00	138.62 6.06 0.00	67.89 3.20 0.00	60.95 2.81 0.00	60.19 2.73 0.00
BURROWS___LYONSDAL 23803	55.88 0.24 0.00	49.24 0.33 0.00	50.42 0.57 0.00	49.98 0.60 0.00	51.15 0.68 0.00	59.37 1.13 0.00	106.46 2.46 0.00	196.73 4.96 0.00	50.60 1.06 0.00	43.61 0.25 0.00	45.49 -0.10 0.00	43.74 -0.08 0.00	41.87 -0.05 0.00	52.08 0.28 0.00	56.46 0.98 0.00	68.28 1.27 0.00	129.24 3.25 0.00	90.17 2.58 0.00	81.00 2.20 0.00	104.49 3.10 0.00	136.56 4.00 0.00	66.54 1.84 0.00	59.80 1.67 0.00	59.03 1.56 0.00
CAITHNESS_CC_1 323624	62.72 3.63 -3.45	52.15 3.24 0.01	52.67 2.83 0.01	52.07 2.69 0.01	53.26 2.79 0.01	61.80 3.11 -0.44	123.57 5.42 -14.15	221.97 10.02 -20.19	55.43 2.26 -3.63	45.67 2.31 0.00	48.52 2.93 0.00	45.28 3.17 1.72	42.15 3.01 2.78	54.66 3.65 0.79	67.69 3.66 -8.56	82.24 4.74 -10.49	148.88 6.20 -16.69	107.25 4.33 -15.34	95.51 3.49 -13.22	127.98 4.11 -22.48	157.53 5.13 -19.84	69.60 3.36 -1.55	62.19 3.47 -0.57	61.23 3.77 0.01
CALPINE BETH_PAGE_GT4 24209	59.04 3.34 -0.06	51.91 2.99 0.00	52.44 2.60 0.00	51.86 2.47 0.00	53.02 2.54 0.00	60.87 2.63 0.00	108.66 4.66 0.00	200.59 8.82 0.00	51.62 2.08 0.00	45.51 2.16 0.00	48.33 2.73 0.00	47.48 3.15 -0.50	45.74 3.01 -0.81	55.77 3.74 -0.23	59.20 3.72 0.00	71.32 4.30 0.00	131.71 5.72 0.00	91.86 4.28 0.00	82.18 3.38 0.00	105.34 3.94 0.00	137.52 4.96 0.00	67.80 3.11 0.00	61.31 3.18 0.00	60.89 3.42 0.00
CALPINE_BETH_PAGE_GT_4 323586	59.03 3.34 -0.06	51.91 2.99 0.00	52.44 2.59 0.00	51.85 2.47 0.00	53.02 2.55 0.00	60.87 2.63 0.00	108.68 4.67 0.00	200.60 8.83 0.00	51.61 2.08 0.00	45.52 2.16 0.00	48.32 2.73 0.00	47.48 3.16 -0.50	45.75 3.02 -0.81	55.76 3.73 -0.23	59.19 3.72 0.00	71.32 4.30 0.00	131.71 5.72 0.00	91.86 4.28 0.00	82.18 3.38 0.00	105.34 3.94 0.00	137.52 4.96 0.00	67.79 3.09 0.00	61.32 3.18 0.00	60.89 3.42 0.00
CALPINE_BP_GT1 23823	59.03 3.34 -0.06	51.91 2.99 0.00	52.44 2.59 0.00	51.85 2.47 0.00	53.02 2.55 0.00	60.87 2.63 0.00	108.68 4.67 0.00	200.60 8.83 0.00	51.61 2.08 0.00	45.52 2.16 0.00	48.32 2.73 0.00	47.48 3.16 -0.50	45.75 3.02 -0.81	55.76 3.73 -0.23	59.19 3.72 0.00	71.32 4.30 0.00	131.71 5.72 0.00	91.86 4.28 0.00	82.18 3.38 0.00	105.34 3.94 0.00	137.52 4.96 0.00	67.79 3.09 0.00	61.32 3.18 0.00	60.89 3.42 0.00
CALSPAN___DRP 24200	57.33 1.69 0.00	50.38 1.48 0.00	51.59 1.74 0.00	51.16 1.77 0.00	52.13 1.66 0.00	59.30 1.06 0.00	102.67 -1.33 0.00	189.77 -1.99 0.00	49.37 -0.17 0.00	44.16 0.80 0.00	46.92 1.32 0.00	44.26 0.43 0.00	42.46 0.54 0.00	52.26 0.46 0.00	55.65 0.17 0.00	65.87 -1.15 0.00	121.13 -4.86 0.00	84.45 -3.14 0.00	76.08 -2.72 0.00	98.15 -3.25 0.00	127.62 -4.94 0.00	62.33 -2.36 0.00	57.16 -0.98 0.00	57.08 -0.39 0.00

CALVERTON___SOLAR 323806	63.14 4.11 -3.39	52.54 3.64 0.01	53.08 3.23 0.01	52.49 3.11 0.01	53.70 3.23 0.01	62.33 3.65 -0.44	124.34 6.45 -13.89	223.46 11.89 -19.81	55.77 2.67 -3.57	45.95 2.59 0.00	48.77 3.18 0.00	45.51 3.40 1.71	42.36 3.21 2.76	54.93 3.92 0.79	67.89 4.01 -8.40	82.59 5.28 -10.30	149.68 7.32 -16.38	107.67 5.03 -15.06	95.92 4.14 -12.97	128.47 5.01 -22.06	158.23 6.20 -19.47	70.10 3.89 -1.52	62.67 3.97 -0.56	61.69 4.23 0.01
CANDIGU_WT_PWR 323617	56.67 -0.72 -1.76	50.37 -0.80 -2.26	53.48 -0.60 -4.24	51.28 -0.43 -2.32	51.46 -0.55 -1.54	58.24 -0.84 -0.83	100.77 -3.24 0.00	186.85 -4.91 0.00	49.35 -1.06 -0.87	43.96 -0.34 -0.94	53.79 0.36 -7.84	43.22 -0.60 0.00	41.68 -0.40 -0.16	52.77 -0.66 -1.64	55.04 -1.05 -0.61	65.07 -2.22 -0.27	120.66 -5.33 0.00	84.19 -3.40 0.00	76.48 -2.97 -0.65	99.87 -3.37 -1.85	130.99 -5.20 -3.63	64.57 -2.45 -2.32	58.87 -1.40 -2.13	56.85 -0.62 0.00
CARR STREET_E__SYR 24060	55.30 -0.34 0.00	48.64 -0.27 0.00	49.63 -0.22 0.00	49.18 -0.21 0.00	50.23 -0.24 0.00	57.89 -0.35 0.00	103.19 -0.81 0.00	190.70 -1.07 0.00	49.27 -0.27 0.00	43.20 -0.15 0.00	45.44 -0.15 0.00	43.46 -0.37 0.00	41.56 -0.35 0.00	51.31 -0.48 0.00	54.86 -0.62 0.00	65.92 -1.10 0.00	123.41 -2.57 0.00	85.90 -1.69 0.00	77.26 -1.54 0.00	99.60 -1.80 0.00	130.12 -2.44 0.00	63.67 -1.02 0.00	57.25 -0.88 0.00	56.57 -0.90 0.00
CARTHAGE___PAPER 23857	55.26 -0.38 0.00	48.61 -0.30 0.00	49.92 0.07 0.00	49.43 0.04 0.00	50.68 0.21 0.00	59.04 0.80 0.00	106.22 2.21 0.00	196.80 5.04 0.00	50.23 0.70 0.00	42.93 -0.43 0.00	44.36 -1.24 0.00	42.57 -1.26 0.00	40.69 -1.22 0.00	50.85 -0.95 0.00	55.65 0.18 0.00	67.45 0.44 0.00	128.80 2.82 0.00	90.22 2.63 0.00	80.98 2.18 0.00	104.62 3.22 0.00	136.91 4.35 0.00	66.77 2.08 0.00	59.96 1.83 0.00	59.14 1.66 0.00
CASSADAGA_WT_PWR 323784	55.47 2.17 2.34	47.71 1.81 3.01	46.34 2.15 5.65	48.47 2.18 3.10	50.58 2.16 2.05	59.08 1.95 1.11	104.93 0.93 0.00	195.45 3.68 0.00	48.95 0.65 1.23	43.54 1.52 1.34	36.62 2.16 11.13	45.03 1.20 0.00	42.98 1.27 0.21	50.84 1.23 2.19	55.76 1.10 0.82	66.44 -0.19 0.38	123.01 -2.98 0.00	85.81 -1.78 0.00	76.21 -1.64 0.95	96.96 -1.71 2.73	124.46 -2.75 5.35	60.59 -0.88 3.23	55.39 0.22 2.97	58.31 0.84 0.00
CE_DUNWOOD___DRP 24194	58.07 2.42 0.00	51.09 2.18 0.00	51.90 2.05 0.00	51.40 2.02 0.00	52.48 2.01 0.00	60.79 2.55 0.00	108.79 4.79 0.00	200.75 8.99 0.00	51.68 2.14 0.00	45.46 2.10 0.00	47.96 2.37 0.00	46.19 2.37 0.00	44.17 2.26 0.00	54.64 2.84 0.00	58.38 2.90 0.00	70.43 3.42 0.00	131.35 5.36 0.00	91.35 3.77 0.00	81.87 3.07 0.00	105.06 3.66 0.00	137.15 4.59 0.00	67.13 2.43 0.00	60.26 2.13 0.00	59.55 2.07 0.00
CE_MILLWOOD___DRP 24193	57.98 2.34 0.00	51.03 2.12 0.00	51.83 1.98 0.00	51.32 1.94 0.00	52.42 1.95 0.00	60.70 2.46 0.00	108.66 4.66 0.00	200.48 8.71 0.00	51.59 2.05 0.00	45.37 2.02 0.00	47.86 2.27 0.00	46.10 2.28 0.00	44.09 2.17 0.00	54.54 2.74 0.00	58.27 2.79 0.00	70.31 3.29 0.00	131.18 5.19 0.00	91.24 3.65 0.00	81.75 2.95 0.00	104.93 3.54 0.00	137.00 4.44 0.00	67.04 2.35 0.00	60.19 2.05 0.00	59.46 1.99 0.00
CE_NYC2_DRP 24202	58.19 2.55 0.00	51.25 2.34 0.00	52.00 2.15 0.00	51.49 2.11 0.00	52.56 2.08 0.00	60.88 2.64 0.00	109.03 5.02 0.00	201.00 9.24 0.00	51.91 2.37 0.00	45.78 2.42 0.00	48.27 2.67 0.00	46.52 2.70 0.00	44.49 2.58 0.00	55.00 3.20 0.00	58.72 3.24 0.00	70.58 3.57 0.00	131.41 5.42 0.00	91.43 3.85 0.00	81.87 3.07 0.00	104.95 3.55 0.00	136.97 4.41 0.00	67.09 2.39 0.00	60.31 2.18 0.00	59.56 2.09 0.00
CE_NYC_DRP 24195	58.34 2.70 0.00	51.33 2.42 0.00	52.11 2.26 0.00	51.58 2.20 0.00	52.63 2.16 0.00	61.00 2.77 0.00	109.25 5.25 0.00	201.64 9.87 0.00	51.96 2.42 0.00	45.81 2.45 0.00	48.34 2.74 0.00	46.57 2.75 0.00	44.55 2.63 0.00	55.09 3.29 0.00	58.83 3.35 0.00	70.85 3.84 0.00	131.97 5.99 0.00	91.79 4.21 0.00	82.19 3.39 0.00	105.38 3.98 0.00	137.44 4.88 0.00	67.33 2.63 0.00	60.45 2.31 0.00	59.73 2.26 0.00
CHAFFEE___LFGE 323603	55.33 1.87 2.18	47.72 1.61 2.80	46.48 1.89 5.27	48.42 1.92 2.89	50.38 1.82 1.91	58.47 1.27 1.04	103.07 -0.94 0.00	190.75 -1.02 0.00	48.48 0.09 1.15	43.15 1.04 1.25	36.74 1.53 10.39	44.45 0.63 0.00	42.44 0.72 0.20	50.44 0.67 2.04	55.11 0.40 0.76	65.77 -0.88 0.36	121.61 -4.38 0.00	84.88 -2.70 0.00	75.60 -2.30 0.89	96.18 -2.67 2.55	123.34 -4.23 4.99	59.62 -2.06 3.01	54.62 -0.75 2.77	57.23 -0.24 0.00
CHATEAUG_35_KV_LOAD 355732	54.59 -1.06 0.00	47.64 -1.27 0.00	48.55 -1.30 0.00	48.08 -1.30 0.00	49.47 -1.00 0.00	57.48 -0.76 0.00	103.57 -0.43 0.00	191.94 0.17 0.00	49.76 0.23 0.00	43.54 0.18 0.00	45.79 0.19 0.00	44.03 0.21 0.00	42.08 0.16 0.00	52.05 0.25 0.00	55.77 0.30 0.00	67.44 0.42 0.00	128.16 2.17 0.00	89.78 2.19 0.00	81.08 2.28 0.00	103.89 2.49 0.00	135.72 3.17 0.00	66.12 1.43 0.00	59.52 1.38 0.00	58.97 1.50 0.00
CHATEAUG_WT_PWR 323614	54.59 -1.05 0.00	47.67 -1.24 0.00	48.59 -1.26 0.00	48.13 -1.25 0.00	49.51 -0.96 0.00	57.47 -0.77 0.00	103.37 -0.63 0.00	191.44 -0.33 0.00	49.53 0.00 0.00	43.34 -0.01 0.00	45.60 0.01 0.00	43.90 0.07 0.00	41.95 0.04 0.00	51.87 0.07 0.00	55.56 0.09 0.00	67.16 0.14 0.00	127.41 1.42 0.00	89.06 1.48 0.00	80.28 1.48 0.00	103.03 1.63 0.00	134.55 2.00 0.00	65.63 0.94 0.00	59.09 0.96 0.00	58.57 1.10 0.00
CHAT_HIGH_FALL_HYD 323578	54.59 -1.06 0.00	47.64 -1.27 0.00	48.55 -1.30 0.00	48.08 -1.30 0.00	49.47 -1.00 0.00	57.48 -0.76 0.00	103.57 -0.43 0.00	191.94 0.17 0.00	49.76 0.23 0.00	43.54 0.18 0.00	45.79 0.19 0.00	44.03 0.21 0.00	42.08 0.16 0.00	52.05 0.25 0.00	55.77 0.30 0.00	67.44 0.42 0.00	128.16 2.17 0.00	89.78 2.19 0.00	81.08 2.28 0.00	103.89 2.49 0.00	135.72 3.17 0.00	66.12 1.43 0.00	59.52 1.38 0.00	58.97 1.50 0.00
CHAUTAUQUA___LFGE 323629	54.97 1.62 2.29	47.25 1.28 2.94	46.00 1.67 5.52	48.05 1.70 3.03	50.08 1.61 2.00	58.39 1.24 1.09	103.52 -0.48 0.00	192.16 0.40 0.00	48.40 0.06 1.20	43.05 1.00 1.31	36.33 1.62 10.88	44.50 0.68 0.00	42.51 0.81 0.21	50.35 0.69 2.14	55.16 0.48 0.80	65.74 -0.89 0.37	121.65 -4.34 0.00	84.88 -2.71 0.00	75.48 -2.39 0.93	96.04 -2.71 2.65	123.24 -4.12 5.20	59.74 -1.81 3.14	54.63 -0.62 2.88	57.52 0.05 0.00
CHERRYST_13_KV_LD 356241	58.48 2.84 0.00	51.46 2.55 0.00	52.23 2.38 0.00	51.70 2.31 0.00	52.77 2.29 0.00	61.17 2.94 0.00	109.55 5.55 0.00	202.23 10.47 0.00	52.12 2.58 0.00	45.97 2.62 0.00	48.52 2.92 0.00	46.74 2.92 0.00	44.70 2.78 0.00	55.28 3.49 0.00	59.04 3.56 0.00	71.09 4.08 0.00	132.39 6.40 0.00	92.12 4.53 0.00	82.45 3.65 0.00	105.71 4.32 0.00	137.83 5.27 0.00	67.52 2.82 0.00	60.61 2.47 0.00	59.88 2.41 0.00

CHESTROR_138KV_BK263 355645	57.77 2.13 0.00	50.82 1.91 0.00	51.66 1.81 0.00	51.19 1.80 0.00	52.28 1.81 0.00	60.51 2.27 0.00	108.31 4.31 0.00	199.77 8.01 0.00	51.39 1.85 0.00	45.13 1.78 0.00	47.57 1.97 0.00	45.81 1.98 0.00	43.78 1.87 0.00	54.13 2.34 0.00	57.89 2.42 0.00	69.95 2.93 0.00	130.70 4.71 0.00	90.95 3.36 0.00	81.53 2.73 0.00	104.73 3.33 0.00	136.80 4.25 0.00	66.90 2.21 0.00	60.03 1.89 0.00	59.30 1.83 0.00
CH_MIDHUDSON___DRP 24192	57.97 2.32 0.00	51.02 2.11 0.00	51.85 2.01 0.00	51.37 1.98 0.00	52.46 1.99 0.00	60.71 2.47 0.00	108.71 4.71 0.00	200.49 8.72 0.00	51.62 2.08 0.00	45.31 1.95 0.00	47.75 2.15 0.00	45.99 2.17 0.00	43.98 2.06 0.00	54.41 2.61 0.00	58.18 2.70 0.00	70.22 3.21 0.00	131.27 5.28 0.00	91.26 3.67 0.00	81.89 3.09 0.00	105.12 3.73 0.00	137.33 4.77 0.00	67.16 2.47 0.00	60.26 2.13 0.00	59.51 2.04 0.00
CH_MISC_IPPS 23765	58.36 2.72 0.00	51.34 2.43 0.00	52.19 2.34 0.00	51.70 2.32 0.00	52.81 2.34 0.00	61.14 2.90 0.00	109.52 5.52 0.00	202.06 10.29 0.00	51.97 2.43 0.00	45.62 2.26 0.00	48.07 2.48 0.00	46.32 2.50 0.00	44.27 2.35 0.00	54.77 2.97 0.00	58.58 3.10 0.00	70.72 3.71 0.00	132.24 6.26 0.00	92.02 4.44 0.00	82.54 3.74 0.00	106.00 4.60 0.00	138.41 5.86 0.00	67.68 2.99 0.00	60.72 2.58 0.00	59.94 2.47 0.00
CH_RES_BVR_FALLS 23983	55.03 -0.62 0.00	48.34 -0.57 0.00	49.24 -0.61 0.00	48.85 -0.54 0.00	49.96 -0.51 0.00	57.72 -0.52 0.00	103.16 -0.85 0.00	190.31 -1.45 0.00	49.09 -0.45 0.00	42.90 -0.46 0.00	45.13 -0.46 0.00	43.37 -0.45 0.00	41.38 -0.53 0.00	51.27 -0.53 0.00	55.09 -0.38 0.00	66.65 -0.37 0.00	125.82 -0.17 0.00	87.68 0.09 0.00	78.89 0.09 0.00	101.71 0.31 0.00	132.95 0.39 0.00	64.79 0.09 0.00	58.31 0.17 0.00	57.78 0.31 0.00
CH_RES_NIAGARA 23895	56.28 0.64 0.00	49.70 0.79 0.00	50.94 1.09 0.00	50.49 1.11 0.00	51.34 0.87 0.00	57.95 -0.29 0.00	99.77 -4.24 0.00	183.84 -7.92 0.00	47.98 -1.56 0.00	42.96 -0.40 0.00	45.63 0.04 0.00	43.05 -0.78 0.00	41.28 -0.63 0.00	50.84 -0.96 0.00	53.98 -1.50 0.00	63.68 -3.33 0.00	116.52 -9.47 0.00	81.12 -6.47 0.00	73.11 -5.69 0.00	94.05 -7.35 0.00	123.22 -9.34 0.00	60.07 -4.62 0.00	55.46 -2.68 0.00	55.43 -2.04 0.00
CH_RES_SYRACUSE 23985	55.61 -0.03 0.00	48.87 -0.05 0.00	49.89 0.04 0.00	49.44 0.05 0.00	50.52 0.05 0.00	58.27 0.03 0.00	103.96 -0.05 0.00	191.91 0.14 0.00	49.58 0.04 0.00	43.47 0.11 0.00	45.72 0.13 0.00	43.81 -0.02 0.00	41.88 -0.04 0.00	51.69 -0.11 0.00	55.25 -0.23 0.00	66.45 -0.56 0.00	124.54 -1.45 0.00	86.71 -0.87 0.00	78.08 -0.72 0.00	100.59 -0.81 0.00	131.39 -1.17 0.00	64.23 -0.46 0.00	57.75 -0.39 0.00	57.08 -0.39 0.00
CLINTON_WT_PWR 323605	54.59 -1.05 0.00	47.67 -1.24 0.00	48.59 -1.26 0.00	48.13 -1.25 0.00	49.51 -0.96 0.00	57.47 -0.77 0.00	103.37 -0.63 0.00	191.44 -0.33 0.00	49.53 0.00 0.00	43.34 -0.01 0.00	45.60 0.01 0.00	43.90 0.07 0.00	41.95 0.04 0.00	51.87 0.07 0.00	55.56 0.09 0.00	67.16 0.14 0.00	127.41 1.42 0.00	89.06 1.48 0.00	80.28 1.48 0.00	103.03 1.63 0.00	134.55 2.00 0.00	65.63 0.94 0.00	59.09 0.96 0.00	58.57 1.10 0.00
CLINTON___LFGE 323618	55.25 -0.40 0.00	48.22 -0.69 0.00	49.13 -0.72 0.00	48.66 -0.72 0.00	50.08 -0.39 0.00	58.18 -0.05 0.00	104.79 0.79 0.00	194.27 2.51 0.00	50.26 0.72 0.00	43.87 0.51 0.00	46.11 0.51 0.00	44.34 0.51 0.00	42.42 0.50 0.00	52.53 0.73 0.00	56.28 0.81 0.00	68.15 1.14 0.00	129.54 3.55 0.00	90.85 3.27 0.00	82.21 3.40 0.00	105.01 3.62 0.00	137.35 4.79 0.00	66.84 2.15 0.00	60.11 1.98 0.00	59.54 2.07 0.00
COBBLENY_34_KV_TB1 80064	57.52 1.87 0.00	50.53 1.62 0.00	51.73 1.89 0.00	51.30 1.91 0.00	52.29 1.82 0.00	59.51 1.27 0.00	103.09 -0.91 0.00	190.70 -1.06 0.00	49.60 0.06 0.00	44.40 1.04 0.00	47.14 1.55 0.00	44.45 0.63 0.00	42.64 0.73 0.00	52.47 0.66 0.00	55.86 0.39 0.00	66.13 -0.88 0.00	121.65 -4.34 0.00	84.90 -2.69 0.00	76.50 -2.30 0.00	98.70 -2.70 0.00	128.37 -4.18 0.00	62.63 -2.06 0.00	57.38 -0.76 0.00	57.28 -0.19 0.00
COFFEEN___115KV_TB3 355620	55.10 -0.54 0.00	48.45 -0.46 0.00	49.78 -0.07 0.00	49.29 -0.09 0.00	50.54 0.07 0.00	58.93 0.69 0.00	106.13 2.13 0.00	196.79 5.03 0.00	49.92 0.38 0.00	42.64 -0.72 0.00	43.95 -1.64 0.00	42.18 -1.64 0.00	40.36 -1.55 0.00	50.54 -1.26 0.00	55.32 -0.16 0.00	66.89 -0.12 0.00	127.81 1.83 0.00	89.60 2.02 0.00	80.40 1.60 0.00	103.84 2.44 0.00	136.12 3.56 0.00	66.35 1.66 0.00	59.52 1.38 0.00	58.62 1.14 0.00
COLDSPRG_115KV_BK1 355956	58.55 2.91 0.00	51.38 2.47 0.00	52.58 2.73 0.00	52.16 2.77 0.00	53.27 2.80 0.00	60.88 2.64 0.00	105.88 1.88 0.00	196.81 5.05 0.00	50.38 0.84 0.00	45.11 1.75 0.00	48.14 2.55 0.00	45.40 1.58 0.00	43.59 1.67 0.00	53.56 1.76 0.00	57.17 1.69 0.00	67.38 0.37 0.00	123.82 -2.17 0.00	86.45 -1.13 0.00	77.73 -1.07 0.00	100.61 -0.78 0.00	130.79 -1.77 0.00	64.29 -0.41 0.00	58.76 0.62 0.00	58.73 1.26 0.00
COLONIE_LFGE___ 323577	57.08 1.44 0.00	50.42 1.51 0.00	51.19 1.34 0.00	50.76 1.38 0.00	51.84 1.37 0.00	60.01 1.77 0.00	107.14 3.14 0.00	196.62 4.86 0.00	51.08 1.54 0.00	44.26 0.90 0.00	46.34 0.75 0.00	44.62 0.80 0.00	42.77 0.85 0.00	52.93 1.13 0.00	56.80 1.33 0.00	68.85 1.84 0.00	129.68 3.69 0.00	89.44 1.85 0.00	80.80 2.00 0.00	103.72 2.33 0.00	136.20 3.64 0.00	66.44 1.74 0.00	59.32 1.18 0.00	58.66 1.19 0.00
COOPERNY_115KV_TB1 80082	57.33 1.69 0.00	50.43 1.52 0.00	51.34 1.48 0.00	50.85 1.46 0.00	51.94 1.47 0.00	60.05 1.81 0.00	107.39 3.39 0.00	198.13 6.36 0.00	51.03 1.49 0.00	44.80 1.44 0.00	47.20 1.61 0.00	45.41 1.59 0.00	43.41 1.49 0.00	53.64 1.84 0.00	57.34 1.86 0.00	69.24 2.23 0.00	129.61 3.62 0.00	90.12 2.53 0.00	80.84 2.04 0.00	103.94 2.55 0.00	135.83 3.28 0.00	66.43 1.73 0.00	59.64 1.50 0.00	58.92 1.45 0.00
COPENHAGEN_WT_PWR 323753	54.27 -1.37 0.00	47.77 -1.13 0.00	49.18 -0.67 0.00	48.70 -0.69 0.00	49.94 -0.53 0.00	58.31 0.07 0.00	104.91 0.90 0.00	194.47 2.71 0.00	49.55 0.01 0.00	42.30 -1.05 0.00	43.59 -2.00 0.00	41.77 -2.05 0.00	39.90 -2.02 0.00	49.95 -1.85 0.00	54.78 -0.70 0.00	66.38 -0.64 0.00	126.68 0.70 0.00	88.92 1.33 0.00	79.74 0.95 0.00	102.94 1.55 0.00	134.96 2.40 0.00	65.84 1.15 0.00	59.12 0.98 0.00	58.31 0.84 0.00
CORNELL_____ 23752	57.06 1.42 0.00	50.09 1.18 0.00	51.17 1.32 0.00	50.74 1.35 0.00	51.83 1.36 0.00	59.80 1.56 0.00	106.68 2.68 0.00	197.07 5.31 0.00	50.95 1.42 0.00	44.73 1.38 0.00	47.08 1.49 0.00	44.99 1.16 0.00	42.92 1.00 0.00	52.75 0.95 0.00	56.29 0.82 0.00	67.77 0.76 0.00	128.00 2.01 0.00	89.42 1.83 0.00	80.56 1.76 0.00	103.78 2.38 0.00	135.48 2.92 0.00	66.16 1.47 0.00	59.52 1.38 0.00	58.76 1.29 0.00

CORONA__69_KV_TB1 355595	60.23 3.62 -0.97	52.16 3.22 -0.03	52.70 2.83 -0.03	52.11 2.69 -0.03	53.30 2.80 -0.03	61.32 3.08 0.00	109.55 5.55 0.00	202.18 10.42 0.00	51.97 2.43 0.00	45.87 2.52 0.00	48.68 3.07 -0.01	55.65 3.32 -8.51	58.80 3.15 -13.74	59.65 3.93 -3.92	59.45 3.95 -0.03	71.80 4.76 -0.03	132.52 6.54 0.00	92.47 4.89 0.00	82.78 3.98 0.00	106.12 4.73 0.00	138.66 6.09 -0.01	68.16 3.46 0.00	61.51 3.35 -0.02	61.06 3.56 -0.03
CORTLAND__115KV_TB3 80093	56.54 0.90 0.00	49.69 0.78 0.00	50.75 0.90 0.00	50.29 0.91 0.00	51.37 0.90 0.00	59.29 1.05 0.00	105.85 1.85 0.00	195.49 3.72 0.00	50.49 0.95 0.00	44.25 0.89 0.00	46.58 0.99 0.00	44.63 0.80 0.00	42.64 0.73 0.00	52.60 0.80 0.00	56.21 0.74 0.00	67.76 0.75 0.00	127.27 1.28 0.00	88.65 1.07 0.00	79.76 0.96 0.00	102.81 1.41 0.00	134.25 1.69 0.00	65.59 0.90 0.00	58.95 0.81 0.00	58.21 0.74 0.00
COXSACKIE__GT 23611	59.38 3.74 0.00	52.44 3.53 0.00	53.36 3.51 0.00	52.92 3.53 0.00	54.03 3.56 0.00	62.54 4.30 0.00	112.28 8.28 0.00	207.81 16.04 0.00	53.29 3.75 0.00	45.72 2.37 0.00	47.64 2.05 0.00	45.88 2.06 0.00	43.72 1.80 0.00	54.34 2.54 0.00	59.13 3.65 0.00	72.31 5.29 0.00	136.75 10.77 0.00	94.95 7.37 0.00	85.63 6.83 0.00	109.75 8.36 0.00	143.54 10.98 0.00	69.76 5.06 0.00	62.29 4.15 0.00	61.35 3.88 0.00
CPV_VALLEY__CC1 323721	57.55 1.91 0.00	50.64 1.73 0.00	51.50 1.65 0.00	51.01 1.62 0.00	52.10 1.63 0.00	60.28 2.04 0.00	107.86 3.85 0.00	198.98 7.22 0.00	51.20 1.66 0.00	44.98 1.62 0.00	47.39 1.80 0.00	45.64 1.81 0.00	43.63 1.72 0.00	53.96 2.16 0.00	57.69 2.21 0.00	69.66 2.64 0.00	130.17 4.19 0.00	90.54 2.96 0.00	81.20 2.40 0.00	104.31 2.92 0.00	136.20 3.64 0.00	66.64 1.94 0.00	59.82 1.68 0.00	59.09 1.62 0.00
CPV_VALLEY__CC2 323722	57.55 1.91 0.00	50.64 1.73 0.00	51.50 1.65 0.00	51.01 1.62 0.00	52.10 1.63 0.00	60.28 2.04 0.00	107.86 3.85 0.00	198.98 7.22 0.00	51.20 1.66 0.00	44.98 1.62 0.00	47.39 1.80 0.00	45.64 1.81 0.00	43.63 1.72 0.00	53.96 2.16 0.00	57.69 2.21 0.00	69.66 2.64 0.00	130.17 4.19 0.00	90.54 2.96 0.00	81.20 2.40 0.00	104.31 2.92 0.00	136.20 3.64 0.00	66.64 1.94 0.00	59.82 1.68 0.00	59.09 1.62 0.00
CRESCENT__HYD 24018	57.08 1.44 0.00	50.42 1.51 0.00	51.19 1.34 0.00	50.76 1.38 0.00	51.84 1.37 0.00	60.01 1.77 0.00	107.14 3.14 0.00	196.62 4.86 0.00	51.08 1.54 0.00	44.26 0.90 0.00	46.34 0.75 0.00	44.62 0.80 0.00	42.77 0.85 0.00	52.93 1.13 0.00	56.80 1.33 0.00	68.85 1.84 0.00	129.68 3.69 0.00	89.44 1.85 0.00	80.80 2.00 0.00	103.72 2.33 0.00	136.20 3.64 0.00	66.44 1.74 0.00	59.32 1.18 0.00	58.66 1.19 0.00
CRICKET__VALLEY_CC1 323756	57.13 1.49 0.00	50.30 1.39 0.00	51.11 1.26 0.00	50.62 1.24 0.00	51.70 1.23 0.00	59.83 1.59 0.00	107.08 3.08 0.00	197.42 5.66 0.00	50.87 1.33 0.00	44.69 1.34 0.00	47.09 1.50 0.00	45.36 1.54 0.00	43.39 1.47 0.00	53.67 1.87 0.00	57.37 1.90 0.00	69.24 2.23 0.00	129.26 3.28 0.00	89.83 2.24 0.00	80.56 1.76 0.00	103.41 2.02 0.00	135.10 2.54 0.00	66.14 1.44 0.00	59.37 1.23 0.00	58.65 1.18 0.00
CRICKET__VALLEY_CC2 323757	57.13 1.49 0.00	50.30 1.39 0.00	51.11 1.26 0.00	50.62 1.24 0.00	51.70 1.23 0.00	59.83 1.59 0.00	107.08 3.08 0.00	197.42 5.66 0.00	50.87 1.33 0.00	44.69 1.34 0.00	47.09 1.50 0.00	45.36 1.54 0.00	43.39 1.47 0.00	53.67 1.87 0.00	57.37 1.90 0.00	69.24 2.23 0.00	129.26 3.28 0.00	89.83 2.24 0.00	80.56 1.76 0.00	103.41 2.02 0.00	135.10 2.54 0.00	66.14 1.44 0.00	59.37 1.23 0.00	58.65 1.18 0.00
CRICKET__VALLEY_CC3 323758	57.13 1.49 0.00	50.30 1.39 0.00	51.11 1.26 0.00	50.62 1.24 0.00	51.70 1.23 0.00	59.83 1.59 0.00	107.08 3.08 0.00	197.42 5.66 0.00	50.87 1.33 0.00	44.69 1.34 0.00	47.09 1.50 0.00	45.36 1.54 0.00	43.39 1.47 0.00	53.67 1.87 0.00	57.37 1.90 0.00	69.24 2.23 0.00	129.26 3.28 0.00	89.83 2.24 0.00	80.56 1.76 0.00	103.41 2.02 0.00	135.10 2.54 0.00	66.14 1.44 0.00	59.37 1.23 0.00	58.65 1.18 0.00
CRUCIBLE_METL_DRP 24180	55.61 -0.03 0.00	48.87 -0.05 0.00	49.89 0.04 0.00	49.44 0.05 0.00	50.51 0.04 0.00	58.26 0.02 0.00	103.95 -0.05 0.00	191.95 0.18 0.00	49.58 0.04 0.00	43.47 0.11 0.00	45.72 0.13 0.00	43.81 -0.02 0.00	41.88 -0.04 0.00	51.68 -0.12 0.00	55.25 -0.23 0.00	66.45 -0.56 0.00	124.53 -1.46 0.00	86.71 -0.87 0.00	78.07 -0.74 0.00	100.59 -0.81 0.00	131.39 -1.17 0.00	64.23 -0.47 0.00	57.75 -0.39 0.00	57.08 -0.39 0.00
DAHOWA__HYDRO 323763	58.63 2.99 0.00	51.69 2.78 0.00	52.48 2.63 0.00	52.03 2.64 0.00	53.20 2.73 0.00	61.76 3.52 0.00	110.27 6.27 0.00	202.54 10.77 0.00	52.52 2.98 0.00	45.11 1.76 0.00	47.30 1.70 0.00	45.51 1.69 0.00	43.61 1.70 0.00	54.16 2.36 0.00	58.34 2.86 0.00	70.86 3.85 0.00	133.60 7.61 0.00	92.13 4.54 0.00	83.39 4.59 0.00	106.96 5.57 0.00	140.62 8.06 0.00	68.38 3.69 0.00	61.00 2.86 0.00	60.25 2.78 0.00
DANC__LFGE 323619	54.32 -1.32 0.00	47.81 -1.10 0.00	49.02 -0.83 0.00	48.56 -0.82 0.00	49.73 -0.74 0.00	57.78 -0.46 0.00	103.64 -0.37 0.00	191.85 0.08 0.00	49.09 -0.44 0.00	42.32 -1.04 0.00	43.95 -1.64 0.00	42.14 -1.68 0.00	40.26 -1.65 0.00	50.18 -1.62 0.00	54.48 -1.00 0.00	65.80 -1.21 0.00	124.82 -1.16 0.00	87.33 -0.25 0.00	78.42 -0.38 0.00	101.20 -0.20 0.00	132.49 -0.07 0.00	64.70 0.01 0.00	58.12 -0.02 0.00	57.34 -0.13 0.00
DANSKAMMER__1 23586	58.36 2.72 0.00	51.34 2.43 0.00	52.19 2.34 0.00	51.70 2.32 0.00	52.81 2.34 0.00	61.14 2.90 0.00	109.52 5.52 0.00	202.06 10.29 0.00	51.97 2.43 0.00	45.62 2.26 0.00	48.07 2.48 0.00	46.32 2.50 0.00	44.27 2.35 0.00	54.77 2.97 0.00	58.58 3.10 0.00	70.72 3.71 0.00	132.24 6.26 0.00	92.02 4.44 0.00	82.54 3.74 0.00	106.00 4.60 0.00	138.41 5.86 0.00	67.68 2.99 0.00	60.72 2.58 0.00	59.94 2.47 0.00
DANSKAMMER__2 23589	58.36 2.72 0.00	51.34 2.43 0.00	52.19 2.34 0.00	51.70 2.32 0.00	52.81 2.34 0.00	61.14 2.90 0.00	109.52 5.52 0.00	202.06 10.29 0.00	51.97 2.43 0.00	45.62 2.26 0.00	48.07 2.48 0.00	46.32 2.50 0.00	44.27 2.35 0.00	54.77 2.97 0.00	58.58 3.10 0.00	70.72 3.71 0.00	132.24 6.26 0.00	92.02 4.44 0.00	82.54 3.74 0.00	106.00 4.60 0.00	138.41 5.86 0.00	67.68 2.99 0.00	60.72 2.58 0.00	59.94 2.47 0.00
DANSKAMMER__3 23590	58.36 2.72 0.00	51.34 2.43 0.00	52.19 2.34 0.00	51.70 2.32 0.00	52.81 2.34 0.00	61.14 2.90 0.00	109.52 5.52 0.00	202.06 10.29 0.00	51.97 2.43 0.00	45.62 2.26 0.00	48.07 2.48 0.00	46.32 2.50 0.00	44.27 2.35 0.00	54.77 2.97 0.00	58.58 3.10 0.00	70.72 3.71 0.00	132.24 6.26 0.00	92.02 4.44 0.00	82.54 3.74 0.00	106.00 4.60 0.00	138.41 5.86 0.00	67.68 2.99 0.00	60.72 2.58 0.00	59.94 2.47 0.00

DANSKAMMER___4 23591	58.36 2.72 0.00	51.34 2.43 0.00	52.19 2.34 0.00	51.70 2.32 0.00	52.81 2.34 0.00	61.14 2.90 0.00	109.52 5.52 0.00	202.06 10.29 0.00	51.97 2.43 0.00	45.62 2.26 0.00	48.07 2.48 0.00	46.32 2.50 0.00	44.27 2.35 0.00	54.77 2.97 0.00	58.58 3.10 0.00	70.72 3.71 0.00	132.24 6.26 0.00	92.02 4.44 0.00	82.54 3.74 0.00	106.00 4.60 0.00	138.41 5.86 0.00	67.68 2.99 0.00	60.72 2.58 0.00	59.94 2.47 0.00
DANSKAMMER___DIESEL 23592	58.36 2.72 0.00	51.34 2.43 0.00	52.19 2.34 0.00	51.70 2.31 0.00	52.81 2.33 0.00	61.15 2.91 0.00	109.52 5.52 0.00	202.05 10.29 0.00	51.97 2.43 0.00	45.62 2.27 0.00	48.07 2.48 0.00	46.32 2.50 0.00	44.27 2.35 0.00	54.76 2.97 0.00	58.58 3.11 0.00	70.73 3.71 0.00	132.29 6.31 0.00	92.03 4.44 0.00	82.54 3.74 0.00	106.00 4.61 0.00	138.42 5.86 0.00	67.68 2.99 0.00	60.72 2.58 0.00	59.94 2.46 0.00
DARBY___SOLAR 323810	58.36 2.72 0.00	51.47 2.57 0.00	52.26 2.42 0.00	51.81 2.43 0.00	52.97 2.50 0.00	61.44 3.20 0.00	109.68 5.68 0.00	201.44 9.68 0.00	52.20 2.67 0.00	44.91 1.56 0.00	47.07 1.48 0.00	45.31 1.49 0.00	43.40 1.49 0.00	53.93 2.13 0.00	58.07 2.59 0.00	70.52 3.51 0.00	132.87 6.88 0.00	91.68 4.10 0.00	82.92 4.12 0.00	106.35 4.96 0.00	139.80 7.24 0.00	68.03 3.34 0.00	60.70 2.56 0.00	59.98 2.51 0.00
DASHVILLE___HYD 23610	57.70 2.06 0.00	50.77 1.86 0.00	51.65 1.80 0.00	51.16 1.77 0.00	52.26 1.78 0.00	60.43 2.18 0.00	108.24 4.24 0.00	199.77 8.00 0.00	51.40 1.86 0.00	45.07 1.72 0.00	47.44 1.85 0.00	45.69 1.87 0.00	43.63 1.71 0.00	53.97 2.17 0.00	57.82 2.34 0.00	69.85 2.84 0.00	130.69 4.71 0.00	90.90 3.32 0.00	81.59 2.80 0.00	104.76 3.36 0.00	136.86 4.30 0.00	66.96 2.27 0.00	60.06 1.93 0.00	59.29 1.82 0.00
DELAWARE___LFGE 323621	57.10 1.45 0.00	50.28 1.37 0.00	51.36 1.51 0.00	50.89 1.50 0.00	51.98 1.51 0.00	59.89 1.65 0.00	107.09 3.09 0.00	197.43 5.67 0.00	50.92 1.38 0.00	44.66 1.30 0.00	47.04 1.45 0.00	45.21 1.39 0.00	43.20 1.29 0.00	53.42 1.62 0.00	57.20 1.73 0.00	69.25 2.24 0.00	129.69 3.70 0.00	90.12 2.54 0.00	80.95 2.15 0.00	104.24 2.84 0.00	136.25 3.69 0.00	66.55 1.85 0.00	59.75 1.61 0.00	59.00 1.53 0.00
DERFIELD_115KV_TB7 355931	55.82 0.18 0.00	49.15 0.24 0.00	50.10 0.25 0.00	49.63 0.25 0.00	50.72 0.25 0.00	58.52 0.28 0.00	104.46 0.46 0.00	192.55 0.79 0.00	49.74 0.20 0.00	43.46 0.11 0.00	45.69 0.10 0.00	43.96 0.13 0.00	42.05 0.13 0.00	51.99 0.19 0.00	55.75 0.27 0.00	67.45 0.44 0.00	126.64 0.66 0.00	87.96 0.37 0.00	79.15 0.35 0.00	101.81 0.41 0.00	133.22 0.66 0.00	64.93 0.24 0.00	58.31 0.17 0.00	57.65 0.18 0.00
DOGLEVILLE___HYD 23807	58.85 3.20 0.00	51.94 3.03 0.00	52.83 2.99 0.00	52.37 2.98 0.00	53.54 3.07 0.00	62.04 3.81 0.00	111.65 7.65 0.00	206.01 14.25 0.00	52.96 3.42 0.00	45.20 1.84 0.00	47.29 1.70 0.00	45.68 1.85 0.00	43.83 1.91 0.00	54.62 2.82 0.00	59.15 3.67 0.00	72.14 5.13 0.00	136.21 10.22 0.00	94.36 6.77 0.00	85.15 6.35 0.00	109.25 7.86 0.00	143.24 10.68 0.00	69.80 5.10 0.00	62.37 4.24 0.00	61.52 4.05 0.00
DUNKIRK__115KV_TB_200 55889	57.22 1.58 0.00	50.14 1.23 0.00	51.46 1.61 0.00	51.01 1.63 0.00	52.00 1.53 0.00	59.38 1.14 0.00	103.35 -0.66 0.00	191.72 -0.04 0.00	49.48 -0.06 0.00	44.28 0.92 0.00	47.14 1.55 0.00	44.42 0.60 0.00	42.66 0.74 0.00	52.41 0.60 0.00	55.87 0.39 0.00	66.00 -1.01 0.00	121.52 -4.47 0.00	84.74 -2.85 0.00	76.28 -2.52 0.00	98.52 -2.88 0.00	128.20 -4.36 0.00	62.75 -1.94 0.00	57.39 -0.74 0.00	57.45 -0.02 0.00
DUNKIRK___1 23563	57.22 1.58 0.00	50.14 1.23 0.00	51.46 1.61 0.00	51.01 1.63 0.00	52.00 1.53 0.00	59.38 1.14 0.00	103.35 -0.66 0.00	191.72 -0.04 0.00	49.48 -0.06 0.00	44.28 0.92 0.00	47.14 1.55 0.00	44.42 0.60 0.00	42.66 0.74 0.00	52.41 0.60 0.00	55.87 0.39 0.00	66.00 -1.01 0.00	121.52 -4.47 0.00	84.74 -2.85 0.00	76.28 -2.52 0.00	98.52 -2.88 0.00	128.20 -4.36 0.00	62.75 -1.94 0.00	57.39 -0.74 0.00	57.45 -0.02 0.00
DUNKIRK___2 23564	57.22 1.58 0.00	50.14 1.23 0.00	51.46 1.61 0.00	51.01 1.63 0.00	52.00 1.53 0.00	59.38 1.14 0.00	103.35 -0.66 0.00	191.72 -0.04 0.00	49.48 -0.06 0.00	44.28 0.92 0.00	47.14 1.55 0.00	44.42 0.60 0.00	42.66 0.74 0.00	52.41 0.60 0.00	55.87 0.39 0.00	66.00 -1.01 0.00	121.52 -4.47 0.00	84.74 -2.85 0.00	76.28 -2.52 0.00	98.52 -2.88 0.00	128.20 -4.36 0.00	62.75 -1.94 0.00	57.39 -0.74 0.00	57.45 -0.02 0.00
DUNKIRK___3 23565	57.04 1.40 0.00	50.01 1.10 0.00	51.26 1.41 0.00	50.84 1.46 0.00	51.82 1.34 0.00	59.15 0.91 0.00	102.78 -1.22 0.00	190.35 -1.42 0.00	49.24 -0.30 0.00	44.07 0.71 0.00	46.91 1.32 0.00	44.24 0.41 0.00	42.48 0.56 0.00	52.20 0.40 0.00	55.63 0.15 0.00	65.75 -1.27 0.00	120.96 -5.03 0.00	84.36 -3.23 0.00	75.94 -2.86 0.00	98.06 -3.34 0.00	127.66 -4.90 0.00	62.40 -2.29 0.00	57.10 -1.04 0.00	57.14 -0.33 0.00
DUNKIRK___4 23566	57.04 1.40 0.00	50.01 1.10 0.00	51.26 1.41 0.00	50.84 1.46 0.00	51.82 1.34 0.00	59.15 0.91 0.00	102.78 -1.22 0.00	190.35 -1.42 0.00	49.24 -0.30 0.00	44.07 0.71 0.00	46.91 1.32 0.00	44.24 0.41 0.00	42.48 0.56 0.00	52.20 0.40 0.00	55.63 0.15 0.00	65.75 -1.27 0.00	120.96 -5.03 0.00	84.36 -3.23 0.00	75.94 -2.86 0.00	98.06 -3.34 0.00	127.66 -4.90 0.00	62.40 -2.29 0.00	57.10 -1.04 0.00	57.14 -0.33 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	58.15 2.51 0.00	51.17 2.26 0.00	51.96 2.12 0.00	51.46 2.07 0.00	52.54 2.07 0.00	60.85 2.61 0.00	108.94 4.94 0.00	201.00 9.24 0.00	51.74 2.20 0.00	45.55 2.19 0.00	48.05 2.46 0.00	46.28 2.46 0.00	44.26 2.35 0.00	54.76 2.96 0.00	58.49 3.01 0.00	70.53 3.52 0.00	131.50 5.51 0.00	91.48 3.90 0.00	81.97 3.17 0.00	105.17 3.77 0.00	137.29 4.73 0.00	67.21 2.51 0.00	60.36 2.22 0.00	59.63 2.16 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	58.07 2.43 0.00	51.08 2.17 0.00	51.93 2.09 0.00	51.45 2.06 0.00	52.55 2.08 0.00	60.83 2.59 0.00	108.93 4.93 0.00	200.98 9.22 0.00	51.69 2.15 0.00	45.38 2.03 0.00	47.82 2.23 0.00	46.06 2.24 0.00	44.02 2.10 0.00	54.43 2.63 0.00	58.21 2.74 0.00	70.29 3.27 0.00	131.47 5.49 0.00	91.50 3.91 0.00	82.07 3.27 0.00	105.37 3.98 0.00	137.61 5.06 0.00	67.30 2.61 0.00	60.38 2.24 0.00	59.62 2.16 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	58.16 2.51 0.00	51.21 2.31 0.00	51.98 2.13 0.00	51.49 2.10 0.00	52.56 2.09 0.00	60.91 2.67 0.00	109.13 5.12 0.00	201.26 9.49 0.00	51.98 2.45 0.00	45.71 2.36 0.00	48.19 2.60 0.00	46.45 2.63 0.00	44.41 2.49 0.00	54.90 3.10 0.00	58.64 3.16 0.00	70.54 3.53 0.00	131.44 5.46 0.00	91.50 3.91 0.00	81.98 3.18 0.00	105.13 3.73 0.00	137.24 4.68 0.00	67.23 2.54 0.00	60.42 2.29 0.00	59.59 2.12 0.00

E179THST_13_KV_LOAD 356214	58.40 2.75 0.00	51.43 2.52 0.00	52.20 2.35 0.00	51.69 2.30 0.00	52.77 2.30 0.00	61.16 2.92 0.00	109.60 5.60 0.00	202.18 10.42 0.00	52.22 2.69 0.00	45.94 2.58 0.00	48.43 2.84 0.00	46.68 2.85 0.00	44.63 2.72 0.00	55.17 3.37 0.00	58.93 3.46 0.00	70.89 3.88 0.00	132.10 6.12 0.00	91.94 4.36 0.00	82.39 3.59 0.00	105.71 4.31 0.00	137.91 5.36 0.00	67.55 2.86 0.00	60.71 2.58 0.00	59.85 2.38 0.00
EAST HAMPTON___GT 23717	64.99 5.99 -3.35	54.16 5.26 0.01	54.74 4.90 0.01	54.15 4.77 0.01	55.43 4.96 0.01	64.44 5.76 -0.43	128.14 10.38 -13.75	230.47 19.09 -19.61	57.44 4.37 -3.53	47.36 4.01 0.00	50.19 4.60 0.00	46.80 4.68 1.71	43.57 4.41 2.76	56.46 5.44 0.79	69.50 5.71 -8.31	84.67 7.46 -10.20	153.62 11.41 -16.22	108.63 6.14 -14.90	97.06 5.42 -12.84	130.42 7.19 -21.84	160.64 8.80 -19.28	71.62 5.42 -1.50	64.22 5.52 -0.56	63.16 5.69 0.01
EAST RIVER___6 23660	58.33 2.69 0.00	51.31 2.40 0.00	52.08 2.24 0.00	51.54 2.15 0.00	52.57 2.10 0.00	60.99 2.75 0.00	109.17 5.16 0.00	201.61 9.84 0.00	51.96 2.42 0.00	45.82 2.47 0.00	48.34 2.75 0.00	46.59 2.77 0.00	44.56 2.64 0.00	55.12 3.32 0.00	58.87 3.39 0.00	70.87 3.86 0.00	132.03 6.04 0.00	91.83 4.25 0.00	82.20 3.40 0.00	105.34 3.94 0.00	137.37 4.81 0.00	67.26 2.57 0.00	60.37 2.23 0.00	59.65 2.18 0.00
EAST RIVER___7 23524	58.33 2.69 0.00	51.31 2.40 0.00	52.08 2.24 0.00	51.54 2.15 0.00	52.57 2.10 0.00	60.99 2.75 0.00	109.17 5.16 0.00	201.61 9.84 0.00	51.96 2.42 0.00	45.82 2.47 0.00	48.34 2.75 0.00	46.59 2.77 0.00	44.56 2.64 0.00	55.12 3.32 0.00	58.87 3.39 0.00	70.87 3.86 0.00	132.03 6.04 0.00	91.83 4.25 0.00	82.20 3.40 0.00	105.34 3.94 0.00	137.37 4.81 0.00	67.26 2.57 0.00	60.37 2.23 0.00	59.65 2.18 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	58.07 2.42 0.00	51.09 2.18 0.00	51.90 2.05 0.00	51.40 2.02 0.00	52.48 2.01 0.00	60.79 2.55 0.00	108.79 4.79 0.00	200.75 8.99 0.00	51.68 2.14 0.00	45.46 2.10 0.00	47.96 2.37 0.00	46.19 2.37 0.00	44.17 2.26 0.00	54.64 3.32 0.00	58.38 3.39 0.00	70.43 3.42 0.00	131.35 5.36 0.00	91.35 3.77 0.00	81.87 3.07 0.00	105.06 3.66 0.00	137.15 4.59 0.00	67.13 2.43 0.00	60.26 2.13 0.00	59.55 2.07 0.00
EAST_HAMPTON___DIESEL 23722	65.00 6.01 -3.35	54.17 5.27 0.01	54.76 4.92 0.01	54.16 4.78 0.01	55.44 4.97 0.01	64.45 5.78 -0.43	128.19 10.44 -13.75	230.56 19.18 -19.61	57.44 4.38 -3.53	47.37 4.02 0.00	50.19 4.60 0.00	46.82 4.70 1.71	43.58 4.42 2.76	56.46 5.45 0.79	69.51 5.72 -8.32	84.69 7.48 -10.20	153.67 11.46 -16.22	108.51 6.02 -14.90	96.97 5.33 -12.84	130.37 7.14 -21.84	160.57 8.74 -19.28	71.59 5.39 -1.50	64.21 5.52 -0.56	63.14 5.68 0.01
EAST_POINT___SOLAR 323840	56.95 1.31 0.00	50.10 1.19 0.00	51.09 1.24 0.00	50.56 1.17 0.00	51.80 1.34 0.00	59.92 1.68 0.00	107.58 3.57 0.00	198.85 7.09 0.00	50.86 1.32 0.00	44.21 0.86 0.00	46.33 0.74 0.00	44.35 0.52 0.00	42.41 0.50 0.00	53.13 1.33 0.00	57.33 1.85 0.00	69.56 2.55 0.00	131.07 5.09 0.00	91.51 3.92 0.00	82.32 3.52 0.00	106.01 4.62 0.00	138.39 5.83 0.00	67.39 2.69 0.00	60.45 2.31 0.00	59.62 2.16 0.00
EAST_PULASKI___ESR 323781	54.49 -1.15 0.00	47.92 -0.99 0.00	48.98 -0.87 0.00	48.53 -0.86 0.00	49.61 -0.86 0.00	57.38 -0.86 0.00	102.62 -1.39 0.00	189.80 -1.96 0.00	48.78 -0.76 0.00	42.42 -0.93 0.00	44.38 -1.21 0.00	42.62 -1.21 0.00	40.70 -1.21 0.00	50.55 -1.25 0.00	54.33 -1.15 0.00	65.41 -1.60 0.00	123.38 -2.61 0.00	86.05 -1.54 0.00	77.38 -1.42 0.00	99.77 -1.62 0.00	130.51 -2.05 0.00	63.80 -0.90 0.00	57.31 -0.82 0.00	56.57 -0.90 0.00
EAST_RIVER___1 323558	58.34 2.70 0.00	51.33 2.42 0.00	52.11 2.27 0.00	51.58 2.19 0.00	52.64 2.17 0.00	61.00 2.77 0.00	109.26 5.25 0.00	201.67 9.91 0.00	51.96 2.42 0.00	45.81 2.45 0.00	48.34 2.74 0.00	46.58 2.75 0.00	44.55 2.63 0.00	55.09 3.29 0.00	58.82 3.35 0.00	70.85 3.84 0.00	131.97 5.98 0.00	91.80 4.21 0.00	82.19 3.39 0.00	105.38 3.99 0.00	137.43 4.88 0.00	67.32 2.63 0.00	60.44 2.31 0.00	59.73 2.27 0.00
EAST_RIVER___2 323559	58.33 2.69 0.00	51.31 2.40 0.00	52.08 2.24 0.00	51.54 2.15 0.00	52.57 2.10 0.00	60.99 2.75 0.00	109.17 5.16 0.00	201.61 9.84 0.00	51.96 2.42 0.00	45.82 2.47 0.00	48.34 2.75 0.00	46.59 2.77 0.00	44.56 2.64 0.00	55.12 3.32 0.00	58.87 3.39 0.00	70.87 3.86 0.00	132.03 6.04 0.00	91.83 4.25 0.00	82.20 3.40 0.00	105.34 3.94 0.00	137.37 4.81 0.00	67.26 2.57 0.00	60.37 2.23 0.00	59.65 2.18 0.00
EAST___DELAWARE_HYD 23607	58.11 2.47 0.00	51.09 2.19 0.00	51.97 2.12 0.00	51.48 2.10 0.00	52.61 2.14 0.00	60.97 2.73 0.00	109.17 5.17 0.00	201.64 9.87 0.00	51.84 2.31 0.00	45.49 2.14 0.00	47.93 2.34 0.00	46.12 2.30 0.00	43.88 1.96 0.00	53.04 1.24 0.00	56.72 1.24 0.00	68.48 1.46 0.00	128.76 2.77 0.00	89.74 2.16 0.00	80.49 1.69 0.00	103.47 2.07 0.00	135.31 2.75 0.00	67.73 3.04 0.00	60.75 2.62 0.00	59.92 2.45 0.00
EIGHT_POINT___WT_PWR 323820	56.10 -0.31 -0.76	49.52 -0.37 -0.98	51.36 -0.32 -1.84	50.32 -0.08 -1.01	51.05 -0.09 -0.67	58.40 -0.21 -0.36	102.55 -1.45 0.00	190.85 -0.91 0.00	49.95 0.07 -0.35	44.13 0.39 -0.38	49.75 1.02 -3.13	43.80 -0.02 0.00	42.12 0.14 -0.07	52.46 -0.05 -0.71	55.24 -0.50 -0.26	65.82 -1.31 -0.11	123.04 -2.95 0.00	85.97 -1.61 0.00	77.72 -1.33 -0.26	100.73 -1.40 -0.73	131.29 -2.71 -1.44	64.42 -1.24 -0.96	58.72 -0.30 -0.88	57.81 0.34 0.00
ELBRIDGE_115KV_TB2 80188	55.38 -0.26 0.00	48.64 -0.27 0.00	49.69 -0.16 0.00	49.25 -0.13 0.00	50.32 -0.15 0.00	57.99 -0.24 0.00	103.37 -0.63 0.00	190.87 -0.90 0.00	49.32 -0.22 0.00	43.28 -0.08 0.00	45.48 -0.11 0.00	43.60 -0.22 0.00	41.65 -0.27 0.00	51.38 -0.42 0.00	54.88 -0.59 0.00	66.03 -0.98 0.00	123.76 -2.22 0.00	86.19 -1.39 0.00	77.65 -1.15 0.00	99.99 -1.41 0.00	130.61 -1.95 0.00	63.84 -0.85 0.00	57.42 -0.71 0.00	56.82 -0.65 0.00
ELEC_TRO_TEK 24086	59.20 3.23 -0.33	51.80 2.88 -0.01	52.36 2.50 -0.01	51.77 2.37 -0.01	52.96 2.48 -0.01	60.97 2.73 0.00	108.94 4.94 0.00	201.12 9.36 0.00	51.72 2.18 0.00	45.63 2.27 0.00	48.39 2.80 0.00	49.86 3.08 -2.95	49.61 2.93 -4.77	56.79 3.63 -1.36	59.09 3.60 -0.01	71.37 4.34 -0.01	131.87 5.88 0.00	91.96 4.38 0.00	82.29 3.49 0.00	105.53 4.13 0.00	137.74 5.18 0.00	67.77 3.08 0.00	61.14 3.00 -0.01	60.70 3.22 -0.01
ELLENBURG_WT_PWR 323604	54.59 -1.05 0.00	47.67 -1.24 0.00	48.59 -1.26 0.00	48.13 -1.25 0.00	49.51 -0.96 0.00	57.47 -0.77 0.00	103.37 -0.63 0.00	191.44 -0.33 0.00	49.53 0.00 0.00	43.34 -0.01 0.00	45.60 0.01 0.00	43.90 0.07 0.00	41.95 0.04 0.00	51.87 0.07 0.00	55.56 0.09 0.00	67.16 0.14 0.00	127.41 1.42 0.00	89.06 1.48 0.00	80.28 1.48 0.00	103.03 1.63 0.00	134.55 2.00 0.00	65.63 0.94 0.00	59.09 0.96 0.00	58.57 1.10 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	57.12 1.47 0.00	50.19 1.27 0.00	51.42 1.57 0.00	50.98 1.59 0.00	51.93 1.46 0.00	59.00 0.75 0.00	102.13 -1.88 0.00	188.68 -3.08 0.00	49.06 -0.48 0.00	43.90 0.54 0.00	46.62 1.03 0.00	44.02 0.20 0.00	42.22 0.30 0.00	51.97 0.17 0.00	55.32 -0.15 0.00	65.47 -1.54 0.00	120.23 -5.76 0.00	83.81 -3.78 0.00	75.49 -3.31 0.00	97.30 -4.10 0.00	126.66 -5.90 0.00	61.87 -2.83 0.00	56.79 -1.35 0.00	56.73 -0.74 0.00
EMPIRE_CC_1 323656	56.22 0.58 0.00	49.86 0.95 0.00	50.60 0.76 0.00	50.16 0.77 0.00	51.13 0.66 0.00	59.09 0.85 0.00	105.38 1.37 0.00	193.02 1.26 0.00	50.24 0.70 0.00	43.66 0.30 0.00	45.70 0.11 0.00	44.05 0.23 0.00	42.21 0.30 0.00	52.13 0.33 0.00	55.86 0.38 0.00	67.63 0.61 0.00	127.19 1.20 0.00	87.67 0.09 0.00	79.11 0.31 0.00	101.63 0.24 0.00	133.37 0.81 0.00	65.23 0.54 0.00	58.30 0.16 0.00	57.68 0.21 0.00
EMPIRE_CC_2 323658	56.22 0.58 0.00	49.86 0.95 0.00	50.60 0.76 0.00	50.16 0.77 0.00	51.13 0.66 0.00	59.09 0.85 0.00	105.38 1.37 0.00	193.02 1.26 0.00	50.24 0.70 0.00	43.66 0.30 0.00	45.70 0.11 0.00	44.05 0.23 0.00	42.21 0.30 0.00	52.13 0.33 0.00	55.86 0.38 0.00	67.63 0.61 0.00	127.19 1.20 0.00	87.67 0.09 0.00	79.11 0.31 0.00	101.63 0.24 0.00	133.37 0.81 0.00	65.23 0.54 0.00	58.30 0.16 0.00	57.68 0.21 0.00
ENORWICH_115KV_TB1 80156	58.38 2.73 0.00	51.33 2.42 0.00	52.62 2.77 0.00	52.22 2.83 0.00	53.33 2.86 0.00	61.70 3.46 0.00	110.91 6.90 0.00	206.00 14.24 0.00	53.03 3.49 0.00	46.47 3.11 0.00	49.12 3.52 0.00	46.79 2.97 0.00	44.67 2.75 0.00	55.08 3.28 0.00	59.18 3.71 0.00	71.47 4.46 0.00	135.73 9.74 0.00	95.25 7.66 0.00	85.61 6.81 0.00	110.39 9.00 0.00	143.99 11.43 0.00	69.99 5.29 0.00	62.68 4.54 0.00	61.62 4.15 0.00
ERIE_ST__34_KV_TB1-2 80199	57.60 1.95 0.00	50.66 1.76 0.00	51.81 1.96 0.00	51.38 1.99 0.00	52.41 1.94 0.00	59.69 1.45 0.00	103.19 -0.82 0.00	190.98 -0.78 0.00	49.66 0.13 0.00	44.40 1.05 0.00	47.21 1.62 0.00	44.52 0.70 0.00	42.72 0.80 0.00	52.67 0.87 0.00	56.09 0.62 0.00	66.32 -0.69 0.00	121.93 -4.06 0.00	85.05 -2.53 0.00	76.59 -2.21 0.00	99.04 -2.36 0.00	128.69 -3.86 0.00	62.78 -1.91 0.00	57.51 -0.63 0.00	57.37 -0.10 0.00
ERIE_WT_PWR 323693	55.34 1.68 1.98	47.83 1.47 2.54	46.82 1.74 4.78	48.54 1.77 2.62	50.39 1.65 1.73	58.37 1.07 0.94	102.66 -1.35 0.00	189.76 -2.00 0.00	48.36 -0.14 1.04	43.05 0.83 1.14	37.48 1.34 9.45	44.30 0.48 0.00	42.30 0.56 0.18	50.42 0.47 1.85	54.98 0.20 0.69	65.56 -1.13 0.32	121.15 -4.83 0.00	84.53 -3.06 0.00	75.34 -2.65 0.80	95.94 -3.16 2.30	123.17 -4.88 4.50	59.67 -2.31 2.71	54.71 -0.94 2.49	57.05 -0.42 0.00
ESPRGFLD_115KV_TB1 80157	55.98 0.34 0.00	49.26 0.35 0.00	50.34 0.49 0.00	49.83 0.44 0.00	51.00 0.52 0.00	58.79 0.55 0.00	105.37 1.37 0.00	195.05 3.28 0.00	50.17 0.63 0.00	44.12 0.77 0.00	46.48 0.88 0.00	44.64 0.81 0.00	42.56 0.64 0.00	52.74 0.94 0.00	56.49 1.02 0.00	68.39 1.38 0.00	128.34 2.35 0.00	89.68 2.09 0.00	80.47 1.67 0.00	103.80 2.41 0.00	135.43 2.87 0.00	66.06 1.36 0.00	59.38 1.24 0.00	58.64 1.17 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	56.97 1.33 0.00	50.03 1.12 0.00	51.10 1.25 0.00	50.66 1.28 0.00	51.75 1.28 0.00	59.71 1.47 0.00	106.56 2.56 0.00	196.85 5.09 0.00	50.87 1.33 0.00	44.64 1.28 0.00	46.96 1.37 0.00	44.91 1.09 0.00	42.86 0.95 0.00	52.70 0.90 0.00	56.25 0.77 0.00	67.76 0.75 0.00	127.88 1.90 0.00	89.30 1.71 0.00	80.43 1.63 0.00	103.63 2.24 0.00	135.31 2.76 0.00	66.05 1.36 0.00	59.41 1.28 0.00	58.66 1.19 0.00
ETNA____115KV_TB2 80207	56.97 1.33 0.00	50.03 1.12 0.00	51.10 1.25 0.00	50.66 1.28 0.00	51.75 1.28 0.00	59.71 1.47 0.00	106.56 2.56 0.00	196.85 5.09 0.00	50.87 1.33 0.00	44.64 1.28 0.00	46.96 1.37 0.00	44.91 1.09 0.00	42.86 0.95 0.00	52.70 0.90 0.00	56.25 0.77 0.00	67.76 0.75 0.00	127.88 1.90 0.00	89.30 1.71 0.00	80.43 1.63 0.00	103.63 2.24 0.00	135.31 2.76 0.00	66.05 1.36 0.00	59.41 1.28 0.00	58.66 1.19 0.00
EUCLID___115KV_TB2 356179	55.04 -0.60 0.00	48.41 -0.50 0.00	49.40 -0.44 0.00	48.93 -0.45 0.00	49.99 -0.48 0.00	57.60 -0.64 0.00	102.64 -1.37 0.00	189.52 -2.24 0.00	48.97 -0.56 0.00	42.93 -0.42 0.00	45.18 -0.42 0.00	43.29 -0.53 0.00	41.40 -0.51 0.00	51.13 -0.67 0.00	54.68 -0.80 0.00	65.62 -1.40 0.00	122.87 -3.12 0.00	85.48 -2.11 0.00	76.90 -1.90 0.00	99.14 -2.26 0.00	129.56 -3.00 0.00	63.45 -1.24 0.00	57.07 -1.06 0.00	56.41 -1.06 0.00
E_CANADA_CAP_HY 24051	55.10 -0.55 0.00	48.48 -0.43 0.00	49.45 -0.39 0.00	48.94 -0.45 0.00	50.14 -0.34 0.00	57.87 -0.37 0.00	103.75 -0.25 0.00	191.87 0.11 0.00	49.31 -0.23 0.00	43.12 -0.24 0.00	45.17 -0.43 0.00	43.49 -0.34 0.00	41.50 -0.41 0.00	51.61 -0.19 0.00	55.49 0.01 0.00	67.31 0.29 0.00	126.60 0.61 0.00	88.41 0.83 0.00	79.41 0.61 0.00	102.40 1.01 0.00	133.68 1.12 0.00	65.26 0.56 0.00	58.65 0.51 0.00	57.93 0.46 0.00
E_CANADA_MHWK_HY 24050	58.85 3.20 0.00	51.94 3.03 0.00	52.83 2.99 0.00	52.37 2.98 0.00	53.54 3.07 0.00	62.04 3.80 0.00	111.65 7.65 0.00	205.99 14.23 0.00	52.96 3.42 0.00	45.20 1.84 0.00	47.29 1.70 0.00	45.67 1.85 0.00	43.83 1.91 0.00	54.62 2.82 0.00	59.15 3.67 0.00	72.14 5.13 0.00	136.20 10.22 0.00	94.36 6.78 0.00	85.15 6.35 0.00	109.25 7.86 0.00	143.23 10.67 0.00	69.80 5.10 0.00	62.38 4.24 0.00	61.52 4.05 0.00
E_FISHKILL___LBMP 23776	57.66 2.02 0.00	50.76 1.85 0.00	51.59 1.75 0.00	51.10 1.71 0.00	52.17 1.70 0.00	60.38 2.14 0.00	108.06 4.05 0.00	199.27 7.50 0.00	51.33 1.80 0.00	45.11 1.76 0.00	47.54 1.95 0.00	45.79 1.97 0.00	43.80 1.88 0.00	54.16 2.36 0.00	57.90 2.42 0.00	69.88 2.87 0.00	130.43 4.44 0.00	90.68 3.09 0.00	81.31 2.51 0.00	104.37 2.98 0.00	136.32 3.77 0.00	66.73 2.03 0.00	59.90 1.76 0.00	59.17 1.70 0.00
FALCON___SEABRD_CC1 323796	54.94 -0.70 0.00	47.95 -0.96 0.00	48.86 -0.99 0.00	48.42 -0.97 0.00	49.83 -0.64 0.00	57.86 -0.38 0.00	104.13 0.13 0.00	192.96 1.20 0.00	49.91 0.38 0.00	43.63 0.27 0.00	45.91 0.31 0.00	44.21 0.39 0.00	42.29 0.37 0.00	52.29 0.49 0.00	56.05 0.57 0.00	67.78 0.76 0.00	128.62 2.63 0.00	90.05 2.46 0.00	81.29 2.49 0.00	104.09 2.69 0.00	135.99 3.43 0.00	66.30 1.61 0.00	59.68 1.54 0.00	59.14 1.67 0.00
FALCON___SEABRD_CC2 323797	54.94 -0.70 0.00	47.95 -0.96 0.00	48.86 -0.99 0.00	48.42 -0.97 0.00	49.83 -0.64 0.00	57.86 -0.38 0.00	104.13 0.13 0.00	192.96 1.20 0.00	49.91 0.38 0.00	43.63 0.27 0.00	45.91 0.31 0.00	44.21 0.39 0.00	42.29 0.37 0.00	52.29 0.49 0.00	56.05 0.57 0.00	67.78 0.76 0.00	128.62 2.63 0.00	90.05 2.46 0.00	81.29 2.49 0.00	104.09 2.69 0.00	135.99 3.43 0.00	66.30 1.61 0.00	59.68 1.54 0.00	59.14 1.67 0.00

FAR ROCKAWAY___4 23548	60.80 4.12 -1.03	52.60 3.66 -0.03	53.12 3.24 -0.03	52.53 3.11 -0.03	53.74 3.24 -0.03	61.83 3.58 0.00	110.49 6.49 0.00	203.95 12.19 0.00	52.37 2.84 0.00	46.24 2.88 0.00	49.08 3.47 -0.01	56.68 3.75 -9.11	60.17 3.55 -14.70	60.43 4.43 -4.20	60.01 4.51 -0.03	72.49 5.45 -0.03	133.77 7.79 0.00	93.35 5.76 0.00	83.56 4.76 0.00	107.06 5.66 0.00	139.87 7.29 -0.01	68.74 4.05 0.00	62.03 3.87 -0.02	61.58 4.07 -0.04
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	58.35 2.71 0.00	51.35 2.44 0.00	52.11 2.26 0.00	51.59 2.20 0.00	52.67 2.20 0.00	61.04 2.80 0.00	109.32 5.32 0.00	201.75 9.99 0.00	51.98 2.44 0.00	45.84 2.49 0.00	48.35 2.75 0.00	46.59 2.77 0.00	44.55 2.63 0.00	55.11 3.31 0.00	58.84 3.37 0.00	70.85 3.84 0.00	131.97 5.99 0.00	91.80 4.21 0.00	82.21 3.41 0.00	105.43 4.03 0.00	137.55 4.99 0.00	67.34 2.65 0.00	60.48 2.35 0.00	59.76 2.29 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	58.37 2.73 0.00	51.37 2.46 0.00	52.13 2.28 0.00	51.61 2.23 0.00	52.68 2.21 0.00	61.05 2.81 0.00	109.35 5.34 0.00	201.79 10.03 0.00	51.98 2.44 0.00	45.84 2.49 0.00	48.35 2.76 0.00	46.59 2.77 0.00	44.55 2.63 0.00	55.11 3.31 0.00	58.85 3.38 0.00	70.85 3.84 0.00	131.97 5.99 0.00	91.81 4.22 0.00	82.21 3.41 0.00	105.44 4.04 0.00	137.56 5.00 0.00	67.39 2.69 0.00	60.51 2.37 0.00	59.78 2.31 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	58.32 2.68 0.00	51.32 2.41 0.00	52.09 2.24 0.00	51.57 2.19 0.00	52.65 2.18 0.00	61.01 2.77 0.00	109.25 5.25 0.00	201.61 9.84 0.00	51.96 2.42 0.00	45.81 2.45 0.00	48.33 2.74 0.00	46.56 2.74 0.00	44.53 2.61 0.00	55.08 3.28 0.00	58.81 3.34 0.00	70.81 3.80 0.00	131.87 5.88 0.00	91.75 4.17 0.00	82.14 3.35 0.00	105.35 3.96 0.00	137.43 4.87 0.00	67.32 2.63 0.00	60.46 2.32 0.00	59.73 2.26 0.00
FARRAGUT___LBMP 323566	58.28 2.64 0.00	51.28 2.37 0.00	52.06 2.21 0.00	51.54 2.15 0.00	52.61 2.14 0.00	60.96 2.72 0.00	109.17 5.17 0.00	201.45 9.68 0.00	51.90 2.37 0.00	45.76 2.41 0.00	48.28 2.69 0.00	46.52 2.69 0.00	44.49 2.57 0.00	55.02 3.23 0.00	58.75 3.28 0.00	70.75 3.73 0.00	131.74 5.76 0.00	91.67 4.08 0.00	82.08 3.28 0.00	105.27 3.87 0.00	137.31 4.76 0.00	67.26 2.57 0.00	60.41 2.28 0.00	59.69 2.22 0.00
FENNER___WINDPWR 24204	56.73 1.08 0.00	49.90 0.99 0.00	50.98 1.13 0.00	50.51 1.13 0.00	51.65 1.18 0.00	59.69 1.44 0.00	106.77 2.76 0.00	197.23 5.46 0.00	50.90 1.36 0.00	44.43 1.08 0.00	46.70 1.10 0.00	44.86 1.04 0.00	42.92 1.00 0.00	53.09 1.29 0.00	56.90 1.42 0.00	68.71 1.70 0.00	129.16 3.17 0.00	89.76 2.17 0.00	80.74 1.94 0.00	104.00 2.60 0.00	135.83 3.27 0.00	66.26 1.57 0.00	59.51 1.37 0.00	58.72 1.25 0.00
FIBERTEK___ENERGY 23856	55.61 -0.03 0.00	48.87 -0.05 0.00	49.89 0.04 0.00	49.44 0.05 0.00	50.51 0.04 0.00	58.26 0.02 0.00	103.95 -0.05 0.00	191.95 0.18 0.00	49.58 0.04 0.00	43.47 0.11 0.00	45.72 0.13 0.00	43.81 -0.02 0.00	41.88 -0.04 0.00	51.68 -0.12 0.00	55.25 -0.23 0.00	66.45 -0.56 0.00	124.53 -1.46 0.00	86.71 -0.87 0.00	78.07 -0.74 0.00	100.59 -0.81 0.00	131.39 -1.17 0.00	64.23 -0.47 0.00	57.75 -0.39 0.00	57.08 -0.39 0.00
FITZPATRICK___ 23598	54.11 -1.53 0.00	47.58 -1.33 0.00	48.55 -1.30 0.00	48.09 -1.29 0.00	49.12 -1.35 0.00	56.60 -1.64 0.00	100.92 -3.08 0.00	186.24 -5.52 0.00	48.13 -1.40 0.00	42.18 -1.17 0.00	44.36 -1.23 0.00	42.56 -1.27 0.00	40.70 -1.22 0.00	50.27 -1.53 0.00	53.79 -1.69 0.00	64.67 -2.35 0.00	121.25 -4.74 0.00	84.36 -3.23 0.00	75.89 -2.91 0.00	97.87 -3.53 0.00	127.93 -4.63 0.00	62.56 -2.13 0.00	56.25 -1.89 0.00	55.59 -1.88 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	58.47 2.83 0.00	51.43 2.52 0.00	52.28 2.43 0.00	51.79 2.40 0.00	52.90 2.44 0.00	61.25 3.01 0.00	109.75 5.75 0.00	202.47 10.71 0.00	52.07 2.54 0.00	45.71 2.36 0.00	48.17 2.58 0.00	46.42 2.60 0.00	44.36 2.45 0.00	54.89 3.09 0.00	58.71 3.23 0.00	70.88 3.87 0.00	132.56 6.57 0.00	92.21 4.63 0.00	82.72 3.92 0.00	106.22 4.82 0.00	138.68 6.12 0.00	67.81 3.12 0.00	60.83 2.70 0.00	60.04 2.57 0.00
FORT ORANGE___ 23900	55.98 0.34 0.00	49.57 0.66 0.00	50.40 0.55 0.00	49.93 0.55 0.00	50.91 0.44 0.00	58.81 0.57 0.00	105.02 1.02 0.00	193.21 1.45 0.00	50.13 0.59 0.00	43.59 0.24 0.00	45.69 0.10 0.00	44.09 0.27 0.00	42.21 0.30 0.00	52.05 0.25 0.00	55.82 0.34 0.00	67.62 0.61 0.00	127.14 1.16 0.00	87.93 0.34 0.00	79.20 0.40 0.00	101.73 0.34 0.00	133.26 0.70 0.00	65.10 0.40 0.00	58.25 0.11 0.00	57.55 0.08 0.00
FORT_DRUM_COGEN 23780	54.85 -0.79 0.00	48.26 -0.64 0.00	49.60 -0.25 0.00	49.13 -0.26 0.00	50.36 -0.11 0.00	58.71 0.47 0.00	105.71 1.71 0.00	195.97 4.21 0.00	49.88 0.34 0.00	42.57 -0.78 0.00	43.90 -1.69 0.00	42.11 -1.71 0.00	40.25 -1.66 0.00	50.37 -1.43 0.00	55.14 -0.33 0.00	66.78 -0.23 0.00	127.66 1.68 0.00	89.52 1.93 0.00	80.33 1.53 0.00	103.73 2.33 0.00	135.89 3.34 0.00	66.25 1.56 0.00	59.47 1.33 0.00	58.62 1.15 0.00
FOX_HILLS___ESR 323835	58.28 2.64 0.00	51.47 2.56 0.00	52.20 2.35 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.03 2.80 0.00	109.23 5.23 0.00	201.36 9.60 0.00	52.06 2.52 0.00	45.88 2.52 0.00	48.31 2.72 0.00	46.60 2.78 0.00	44.52 2.60 0.00	55.10 3.30 0.00	58.79 3.32 0.00	70.53 3.52 0.00	131.48 5.49 0.00	91.59 4.00 0.00	82.03 3.23 0.00	105.14 3.75 0.00	137.36 4.80 0.00	67.27 2.57 0.00	60.56 2.42 0.00	59.73 2.25 0.00
FPL_FAR_ROCK_GT1 24212	60.80 4.13 -1.03	52.60 3.66 -0.03	53.11 3.24 -0.03	52.53 3.11 -0.03	53.74 3.24 -0.03	61.82 3.59 0.00	110.50 6.49 0.00	203.96 12.19 0.00	52.37 2.83 0.00	46.23 2.87 0.00	49.07 3.47 -0.01	56.68 3.75 -9.11	60.17 3.55 -14.70	60.43 4.43 -4.20	60.01 4.50 -0.03	72.49 5.45 -0.03	133.77 7.79 0.00	93.35 5.76 0.00	83.56 4.77 0.00	107.06 5.67 0.00	139.87 7.30 -0.01	68.74 4.05 0.00	62.03 3.87 -0.02	61.58 4.07 -0.04
FPL_FAR_ROCK_GT2 23815	60.80 4.13 -1.03	52.60 3.66 -0.03	53.11 3.24 -0.03	52.53 3.11 -0.03	53.74 3.24 -0.03	61.82 3.59 0.00	110.50 6.49 0.00	203.96 12.19 0.00	52.37 2.83 0.00	46.23 2.87 0.00	49.07 3.47 -0.01	56.68 3.75 -9.11	60.17 3.55 -14.70	60.43 4.43 -4.20	60.01 4.50 -0.03	72.49 5.45 -0.03	133.77 7.79 0.00	93.35 5.76 0.00	83.56 4.77 0.00	107.06 5.67 0.00	139.87 7.30 -0.01	68.74 4.05 0.00	62.03 3.87 -0.02	61.58 4.07 -0.04
FRANKLIN_FALL_HYD 24054	55.52 -0.13 0.00	48.42 -0.49 0.00	49.33 -0.52 0.00	48.85 -0.53 0.00	50.23 -0.24 0.00	58.36 0.12 0.00	105.06 1.06 0.00	194.87 3.10 0.00	50.52 0.98 0.00	44.22 0.87 0.00	46.53 0.94 0.00	44.73 0.90 0.00	42.68 0.76 0.00	52.75 0.95 0.00	56.45 0.97 0.00	68.20 1.18 0.00	129.64 3.65 0.00	90.90 3.32 0.00	82.37 3.57 0.00	105.44 4.04 0.00	137.95 5.39 0.00	67.13 2.43 0.00	60.39 2.25 0.00	59.81 2.34 0.00

FREEPORT_EQUS_GT1 23764	59.53 3.60 -0.28	52.12 3.20 -0.01	52.68 2.82 -0.01	52.07 2.67 -0.01	53.29 2.81 -0.01	61.28 3.04 0.00	109.16 5.15 0.00	201.51 9.74 0.00	51.99 2.45 0.00	45.81 2.46 0.00	48.61 3.01 0.00	49.62 3.30 -2.50	49.11 3.17 -4.03	56.89 3.94 -1.15	59.47 3.99 -0.01	71.82 4.80 -0.01	132.28 6.30 0.00	92.35 4.77 0.00	82.64 3.84 0.00	105.91 4.52 0.00	138.37 5.81 0.00	68.29 3.60 0.00	61.63 3.49 -0.01	61.17 3.69 -0.01
FREEPORT___CT2 23818	59.53 3.60 -0.28	52.12 3.20 -0.01	52.68 2.82 -0.01	52.07 2.67 -0.01	53.29 2.81 -0.01	61.28 3.04 0.00	109.16 5.15 0.00	201.51 9.74 0.00	51.99 2.45 0.00	45.81 2.46 0.00	48.61 3.01 0.00	49.62 3.30 -2.50	49.11 3.17 -4.03	56.89 3.94 -1.15	59.47 3.99 -0.01	71.82 4.80 -0.01	132.28 6.30 0.00	92.35 4.77 0.00	82.64 3.84 0.00	105.91 4.52 0.00	138.37 5.81 0.00	68.29 3.60 0.00	61.63 3.49 -0.01	61.17 3.69 -0.01
FRESHKLS_33_KV_LOAD 356253	58.31 2.67 0.00	51.62 2.71 0.00	52.35 2.50 0.00	51.87 2.49 0.00	52.96 2.49 0.00	61.13 2.89 0.00	109.29 5.29 0.00	201.43 9.67 0.00	52.12 2.59 0.00	45.95 2.59 0.00	48.35 2.76 0.00	46.67 2.85 0.00	44.56 2.65 0.00	55.18 3.38 0.00	58.87 3.39 0.00	70.53 3.52 0.00	131.41 5.42 0.00	91.64 4.06 0.00	82.07 3.27 0.00	105.21 3.81 0.00	137.38 4.82 0.00	67.31 2.62 0.00	60.64 2.51 0.00	59.80 2.33 0.00
FULTON COGEN____ 23766	54.47 -1.18 0.00	47.90 -1.01 0.00	48.86 -0.99 0.00	48.41 -0.98 0.00	49.45 -1.02 0.00	57.00 -1.23 0.00	101.72 -2.28 0.00	187.91 -3.85 0.00	48.52 -1.02 0.00	42.49 -0.87 0.00	44.70 -0.89 0.00	42.89 -0.94 0.00	41.02 -0.89 0.00	50.65 -1.15 0.00	54.19 -1.29 0.00	65.13 -1.89 0.00	122.11 -3.88 0.00	85.00 -2.58 0.00	76.44 -2.36 0.00	98.60 -2.80 0.00	128.90 -3.66 0.00	63.03 -1.66 0.00	56.65 -1.49 0.00	55.98 -1.49 0.00
FULTON___LFGE 323630	56.84 1.20 0.00	50.04 1.13 0.00	50.98 1.14 0.00	50.47 1.08 0.00	51.69 1.22 0.00	59.73 1.49 0.00	107.10 3.10 0.00	197.79 6.03 0.00	50.79 1.25 0.00	43.75 0.39 0.00	45.69 0.09 0.00	44.23 0.40 0.00	42.36 0.44 0.00	52.89 1.09 0.00	57.01 1.53 0.00	69.19 2.18 0.00	130.34 4.35 0.00	90.83 3.24 0.00	81.68 2.88 0.00	105.15 3.75 0.00	137.34 4.79 0.00	66.93 2.23 0.00	59.99 1.86 0.00	59.24 1.77 0.00
G.F.CEMENT___DRP 24184	59.43 3.78 0.00	52.35 3.44 0.00	53.11 3.26 0.00	52.65 3.26 0.00	53.86 3.39 0.00	62.64 4.40 0.00	111.75 7.74 0.00	205.31 13.55 0.00	53.32 3.78 0.00	45.63 2.27 0.00	47.92 2.33 0.00	46.08 2.26 0.00	44.11 2.20 0.00	54.87 3.07 0.00	59.13 3.66 0.00	71.93 4.92 0.00	135.60 9.62 0.00	93.37 5.78 0.00	84.68 5.88 0.00	108.49 7.09 0.00	142.91 10.35 0.00	69.37 4.68 0.00	61.79 3.66 0.00	61.03 3.56 0.00
GARDENVILLE___LBMP 24039	57.05 1.41 0.00	50.13 1.22 0.00	51.32 1.47 0.00	50.90 1.52 0.00	51.87 1.40 0.00	59.00 0.75 0.00	102.19 -1.81 0.00	188.92 -2.85 0.00	49.15 -0.39 0.00	43.94 0.58 0.00	46.71 1.12 0.00	44.07 0.25 0.00	42.26 0.35 0.00	52.02 0.22 0.00	55.36 -0.11 0.00	65.59 -1.42 0.00	120.68 -5.30 0.00	84.17 -3.42 0.00	75.82 -2.98 0.00	97.79 -3.61 0.00	127.20 -5.36 0.00	62.13 -2.56 0.00	57.00 -1.14 0.00	56.96 -0.51 0.00
GARDNVLA_35_KV_LD 355827	57.46 1.82 0.00	50.50 1.59 0.00	51.72 1.87 0.00	51.28 1.90 0.00	52.25 1.78 0.00	59.43 1.19 0.00	102.99 -1.01 0.00	190.45 -1.31 0.00	49.56 0.02 0.00	44.34 0.98 0.00	47.10 1.51 0.00	44.47 0.64 0.00	42.64 0.72 0.00	52.48 0.68 0.00	55.87 0.39 0.00	66.18 -0.83 0.00	121.74 -4.24 0.00	84.89 -2.70 0.00	76.50 -2.30 0.00	98.65 -2.75 0.00	128.25 -4.30 0.00	62.62 -2.07 0.00	57.38 -0.76 0.00	57.28 -0.19 0.00
GELCKHM___115KV_LOAD 80723	55.25 -0.39 0.00	48.58 -0.33 0.00	49.58 -0.27 0.00	49.13 -0.26 0.00	50.19 -0.28 0.00	57.84 -0.40 0.00	103.13 -0.87 0.00	190.45 -1.31 0.00	49.19 -0.34 0.00	43.12 -0.23 0.00	45.37 -0.22 0.00	43.50 -0.33 0.00	41.59 -0.33 0.00	51.34 -0.46 0.00	54.90 -0.58 0.00	65.92 -1.09 0.00	123.50 -2.49 0.00	85.97 -1.61 0.00	77.35 -1.45 0.00	99.68 -1.71 0.00	130.24 -2.32 0.00	63.76 -0.94 0.00	57.33 -0.81 0.00	56.67 -0.80 0.00
GENERAL___MILLS 23808	57.33 1.69 0.00	50.38 1.48 0.00	51.59 1.74 0.00	51.16 1.77 0.00	52.13 1.66 0.00	59.30 1.06 0.00	102.67 -1.33 0.00	189.77 -1.99 0.00	49.37 -0.17 0.00	44.16 0.80 0.00	46.92 1.32 0.00	44.26 0.43 0.00	42.46 0.54 0.00	52.26 0.46 0.00	55.65 0.17 0.00	65.87 -1.15 0.00	121.13 -4.86 0.00	84.45 -3.14 0.00	76.08 -2.72 0.00	98.15 -3.25 0.00	127.62 -4.94 0.00	62.33 -2.36 0.00	57.16 -0.98 0.00	57.08 -0.39 0.00
GE_PLASTICS___DRP 24183	56.27 0.63 0.00	49.74 0.83 0.00	50.62 0.78 0.00	50.16 0.78 0.00	51.18 0.71 0.00	59.06 0.82 0.00	105.50 1.50 0.00	194.17 2.40 0.00	50.29 0.75 0.00	43.84 0.48 0.00	46.00 0.41 0.00	44.32 0.50 0.00	42.42 0.51 0.00	52.37 0.56 0.00	56.15 0.68 0.00	67.96 0.95 0.00	127.61 1.62 0.00	88.33 0.74 0.00	79.52 0.72 0.00	102.17 0.77 0.00	133.82 1.26 0.00	65.37 0.67 0.00	58.57 0.43 0.00	57.87 0.40 0.00
GILBOA___1 23756	56.72 1.07 0.00	50.00 1.09 0.00	51.23 1.38 0.00	50.75 1.37 0.00	51.80 1.33 0.00	59.44 1.20 0.00	106.22 2.22 0.00	195.68 3.92 0.00	50.55 1.01 0.00	44.24 0.88 0.00	46.52 0.93 0.00	44.76 0.93 0.00	42.82 0.91 0.00	52.93 1.14 0.00	56.67 1.19 0.00	68.47 1.46 0.00	127.97 1.98 0.00	88.54 0.96 0.00	79.66 0.86 0.00	102.50 1.11 0.00	134.25 1.70 0.00	65.76 1.07 0.00	59.01 0.87 0.00	58.33 0.86 0.00
GILBOA___2 23757	56.72 1.07 0.00	50.00 1.09 0.00	51.23 1.38 0.00	50.75 1.37 0.00	51.80 1.33 0.00	59.44 1.20 0.00	106.22 2.22 0.00	195.68 3.92 0.00	50.55 1.01 0.00	44.24 0.88 0.00	46.52 0.93 0.00	44.76 0.93 0.00	42.82 0.91 0.00	52.93 1.14 0.00	56.67 1.19 0.00	68.47 1.46 0.00	127.97 1.98 0.00	88.54 0.96 0.00	79.66 0.86 0.00	102.50 1.11 0.00	134.25 1.70 0.00	65.76 1.07 0.00	59.01 0.87 0.00	58.33 0.86 0.00
GILBOA___3 23758	56.72 1.07 0.00	50.00 1.09 0.00	51.23 1.38 0.00	50.75 1.37 0.00	51.80 1.33 0.00	59.44 1.20 0.00	106.22 2.22 0.00	195.68 3.92 0.00	50.55 1.01 0.00	44.24 0.88 0.00	46.52 0.93 0.00	44.76 0.93 0.00	42.82 0.91 0.00	52.93 1.14 0.00	56.67 1.19 0.00	68.47 1.46 0.00	127.97 1.98 0.00	88.54 0.96 0.00	79.66 0.86 0.00	102.50 1.11 0.00	134.25 1.70 0.00	65.76 1.07 0.00	59.01 0.87 0.00	58.33 0.86 0.00
GILBOA___4 23759	56.72 1.07 0.00	50.00 1.09 0.00	51.23 1.38 0.00	50.75 1.37 0.00	51.80 1.33 0.00	59.44 1.20 0.00	106.22 2.22 0.00	195.68 3.92 0.00	50.55 1.01 0.00	44.24 0.88 0.00	46.52 0.93 0.00	44.76 0.93 0.00	42.82 0.91 0.00	52.93 1.14 0.00	56.67 1.19 0.00	68.47 1.46 0.00	127.97 1.98 0.00	88.54 0.96 0.00	79.66 0.86 0.00	102.50 1.11 0.00	134.25 1.70 0.00	65.76 1.07 0.00	59.01 0.87 0.00	58.33 0.86 0.00

GILBOA____ 23599	56.71 1.07 0.00	50.00 1.09 0.00	51.23 1.38 0.00	50.75 1.37 0.00	51.80 1.33 0.00	59.44 1.20 0.00	106.22 2.22 0.00	195.69 3.92 0.00	50.55 1.01 0.00	44.24 0.88 0.00	46.52 0.93 0.00	44.76 0.93 0.00	42.82 0.90 0.00	52.93 1.13 0.00	56.67 1.19 0.00	68.47 1.46 0.00	127.97 1.99 0.00	88.53 0.94 0.00	79.67 0.87 0.00	102.49 1.10 0.00	134.26 1.70 0.00	65.76 1.07 0.00	59.01 0.87 0.00	58.33 0.86 0.00
GINNA____ 23603	53.19 -1.70 0.76	46.50 -1.43 0.98	46.65 -1.37 1.83	47.05 -1.33 1.00	48.43 -1.38 0.66	55.89 -2.00 0.36	99.25 -4.75 0.00	183.21 -8.55 0.00	47.11 -2.03 0.40	41.57 -1.35 0.44	40.69 -1.26 3.64	42.26 -1.56 0.00	40.31 -1.54 0.07	49.04 -2.05 0.71	52.86 -2.35 0.27	63.36 -3.53 0.13	118.05 -7.93 0.00	82.29 -5.29 0.00	73.73 -4.75 0.32	94.42 -6.07 0.91	122.44 -8.34 1.77	59.69 -3.99 1.01	54.04 -3.17 0.93	54.49 -2.98 0.00
GLEN PARK____ 23778	55.03 -0.61 0.00	48.40 -0.51 0.00	49.73 -0.11 0.00	49.24 -0.15 0.00	50.49 0.02 0.00	58.87 0.63 0.00	106.02 2.01 0.00	196.59 4.82 0.00	49.84 0.30 0.00	42.61 -0.75 0.00	43.92 -1.67 0.00	42.14 -1.68 0.00	40.33 -1.59 0.00	50.47 -1.33 0.00	55.26 -0.21 0.00	66.79 -0.22 0.00	127.63 1.65 0.00	89.47 1.88 0.00	80.28 1.48 0.00	103.69 2.30 0.00	135.89 3.33 0.00	66.25 1.55 0.00	59.41 1.28 0.00	58.54 1.07 0.00
GLENDALE_27_KV_LOAD 356172	58.43 2.78 0.00	51.45 2.54 0.00	52.19 2.35 0.00	51.68 2.29 0.00	52.75 2.28 0.00	61.12 2.88 0.00	109.50 5.50 0.00	201.88 10.11 0.00	52.15 2.62 0.00	45.99 2.64 0.00	48.50 2.90 0.00	46.74 2.91 0.00	44.69 2.77 0.00	55.25 3.45 0.00	59.00 3.52 0.00	70.91 3.90 0.00	132.04 6.05 0.00	91.88 4.30 0.00	82.27 3.47 0.00	105.47 4.07 0.00	137.64 5.08 0.00	67.40 2.71 0.00	60.59 2.45 0.00	59.81 2.34 0.00
GLENWOOD_IC_1_G5 23712	58.84 3.06 -0.14	51.64 2.72 0.00	52.31 2.45 0.00	51.76 2.37 0.00	52.90 2.43 0.00	61.11 2.86 0.00	109.31 5.30 0.00	201.67 9.90 0.00	51.92 2.38 0.00	45.75 2.39 0.00	48.40 2.80 0.00	48.00 2.95 -1.23	46.72 2.81 -1.99	55.88 3.52 -0.57	59.03 3.55 0.00	71.20 4.19 0.00	132.19 6.20 0.00	92.05 4.47 0.00	82.41 3.61 0.00	105.70 4.31 0.00	137.98 5.42 0.00	67.70 3.01 0.00	60.92 2.78 0.00	60.34 2.86 0.00
GLENWOOD_IC_2_G1 23688	58.38 2.74 0.00	51.35 2.45 0.00	52.08 2.24 0.00	51.56 2.17 0.00	52.67 2.20 0.00	60.91 2.67 0.00	109.00 5.00 0.00	201.11 9.34 0.00	51.77 2.23 0.00	45.58 2.23 0.00	48.16 2.56 0.00	46.47 2.65 0.00	44.44 2.52 0.00	54.96 3.16 0.00	58.68 3.21 0.00	70.78 3.77 0.00	131.68 5.70 0.00	91.65 4.06 0.00	82.08 3.28 0.00	105.31 3.91 0.00	137.45 4.90 0.00	67.37 2.68 0.00	60.56 2.42 0.00	59.94 2.47 0.00
GLENWOOD_IC_3_G1 23689	58.38 2.74 0.00	51.35 2.45 0.00	52.08 2.24 0.00	51.56 2.17 0.00	52.67 2.20 0.00	60.91 2.67 0.00	109.00 5.00 0.00	201.11 9.34 0.00	51.77 2.23 0.00	45.58 2.23 0.00	48.16 2.56 0.00	46.47 2.65 0.00	44.44 2.52 0.00	54.96 3.16 0.00	58.68 3.21 0.00	70.78 3.77 0.00	131.68 5.70 0.00	91.65 4.06 0.00	82.08 3.28 0.00	105.31 3.91 0.00	137.45 4.90 0.00	67.37 2.68 0.00	60.56 2.42 0.00	59.94 2.47 0.00
GLENWOOD____4 23550	58.84 3.06 -0.14	51.64 2.72 0.00	52.31 2.45 0.00	51.76 2.37 0.00	52.90 2.43 0.00	61.11 2.86 0.00	109.31 5.30 0.00	201.67 9.90 0.00	51.92 2.38 0.00	45.75 2.39 0.00	48.40 2.80 0.00	48.00 2.95 -1.23	46.72 2.81 -1.99	55.88 3.52 -0.57	59.03 3.55 0.00	71.20 4.19 0.00	132.19 6.20 0.00	92.05 4.47 0.00	82.41 3.61 0.00	105.70 4.31 0.00	137.98 5.42 0.00	67.70 3.01 0.00	60.92 2.78 0.00	60.34 2.86 0.00
GLENWOOD____5 23614	58.84 3.06 -0.14	51.64 2.72 0.00	52.31 2.45 0.00	51.76 2.37 0.00	52.90 2.43 0.00	61.11 2.86 0.00	109.31 5.30 0.00	201.67 9.90 0.00	51.92 2.38 0.00	45.75 2.39 0.00	48.40 2.80 0.00	48.00 2.95 -1.23	46.72 2.81 -1.99	55.88 3.52 -0.57	59.03 3.55 0.00	71.20 4.19 0.00	132.19 6.20 0.00	92.05 4.47 0.00	82.41 3.61 0.00	105.70 4.31 0.00	137.98 5.42 0.00	67.70 3.01 0.00	60.92 2.78 0.00	60.34 2.86 0.00
GLOBAL GREEN_PORT_GT1 23814	64.79 5.80 -3.35	53.99 5.08 0.01	54.56 4.72 0.01	53.96 4.58 0.01	55.24 4.78 0.01	64.22 5.55 -0.43	127.72 9.97 -13.74	229.80 18.43 -19.60	57.27 4.20 -3.53	47.23 3.87 0.00	50.05 4.46 0.00	46.68 4.57 1.71	43.46 4.30 2.76	56.30 5.29 0.79	69.32 5.53 -8.31	84.45 7.24 -10.19	153.30 11.11 -16.21	108.92 6.44 -14.90	97.29 5.65 -12.84	130.51 7.28 -21.83	160.83 9.00 -19.27	71.59 5.40 -1.50	64.14 5.44 -0.56	63.08 5.62 0.01
GLOBE____DSASP 323697	56.17 0.53 0.00	49.62 0.71 0.00	50.85 1.00 0.00	50.42 1.03 0.00	51.25 0.78 0.00	57.83 -0.41 0.00	99.56 -4.45 0.00	183.50 -8.27 0.00	47.88 -1.66 0.00	42.87 -0.49 0.00	45.55 -0.04 0.00	42.96 -0.86 0.00	41.20 -0.72 0.00	50.73 -1.07 0.00	53.87 -1.61 0.00	63.52 -3.49 0.00	116.25 -9.74 0.00	80.90 -6.68 0.00	72.92 -5.88 0.00	93.80 -7.60 0.00	123.03 -9.53 0.00	59.92 -4.77 0.00	55.36 -2.78 0.00	55.32 -2.15 0.00
GOETHSLN____LBMP 323567	58.05 2.41 0.00	51.08 2.17 0.00	51.85 2.00 0.00	51.34 1.95 0.00	52.41 1.94 0.00	60.75 2.51 0.00	108.81 4.81 0.00	200.69 8.92 0.00	51.66 2.12 0.00	45.56 2.20 0.00	48.06 2.47 0.00	46.33 2.50 0.00	44.29 2.38 0.00	54.80 3.00 0.00	58.52 3.04 0.00	70.45 3.45 0.00	131.22 5.23 0.00	91.31 3.73 0.00	81.75 2.95 0.00	104.86 3.47 0.00	136.78 4.23 0.00	67.00 2.30 0.00	60.16 2.02 0.00	59.44 1.97 0.00
GOLAH____69_KV_TB 1_2 80279	57.72 2.08 0.00	50.86 1.95 0.00	52.03 2.18 0.00	51.64 2.25 0.00	52.69 2.22 0.00	60.37 2.13 0.00	105.32 1.32 0.00	193.67 1.90 0.00	50.24 0.70 0.00	44.58 1.22 0.00	47.19 1.59 0.00	44.85 1.02 0.00	42.81 0.89 0.00	52.44 0.64 0.00	55.95 0.47 0.00	66.69 -0.32 0.00	123.94 -2.04 0.00	86.55 -1.04 0.00	77.96 -0.84 0.00	100.27 -1.13 0.00	130.50 -2.06 0.00	63.74 -0.96 0.00	58.05 -0.09 0.00	57.79 0.32 0.00
GOODYEAR_LAKE_HYD 323669	57.13 1.49 0.00	50.29 1.38 0.00	51.40 1.55 0.00	50.90 1.52 0.00	52.03 1.56 0.00	59.97 1.73 0.00	107.37 3.37 0.00	198.31 6.55 0.00	51.09 1.56 0.00	44.88 1.52 0.00	47.34 1.75 0.00	45.45 1.63 0.00	43.39 1.47 0.00	53.67 1.87 0.00	57.45 1.98 0.00	69.52 2.51 0.00	130.32 4.33 0.00	90.76 3.18 0.00	81.47 2.67 0.00	105.00 3.61 0.00	137.14 4.58 0.00	66.92 2.23 0.00	60.07 1.94 0.00	59.33 1.85 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	56.69 1.05 0.00	49.83 0.93 0.00	50.89 1.04 0.00	50.45 1.06 0.00	51.51 1.04 0.00	59.34 1.10 0.00	105.74 1.74 0.00	195.23 3.47 0.00	50.40 0.86 0.00	44.29 0.94 0.00	46.71 1.12 0.00	44.67 0.84 0.00	42.73 0.82 0.00	52.73 0.93 0.00	56.36 0.88 0.00	67.85 0.84 0.00	127.14 1.16 0.00	88.51 0.92 0.00	79.60 0.80 0.00	102.60 1.20 0.00	134.04 1.48 0.00	65.45 0.76 0.00	58.89 0.75 0.00	58.26 0.79 0.00

GOUDEY___7 23579	56.69 1.05 0.00	49.83 0.93 0.00	50.89 1.04 0.00	50.45 1.06 0.00	51.51 1.04 0.00	59.34 1.10 0.00	105.74 1.74 0.00	195.23 3.47 0.00	50.40 0.86 0.00	44.29 0.94 0.00	46.71 1.12 0.00	44.67 0.84 0.00	42.73 0.82 0.00	52.73 0.93 0.00	56.36 0.88 0.00	67.85 0.84 0.00	127.14 1.16 0.00	88.51 0.92 0.00	79.60 0.80 0.00	102.60 1.20 0.00	134.04 1.48 0.00	65.45 0.76 0.00	58.89 0.75 0.00	58.26 0.79 0.00
GOUDEY___8 23580	56.69 1.05 0.00	49.83 0.93 0.00	50.89 1.04 0.00	50.45 1.06 0.00	51.51 1.04 0.00	59.34 1.10 0.00	105.74 1.74 0.00	195.23 3.47 0.00	50.40 0.86 0.00	44.29 0.94 0.00	46.71 1.12 0.00	44.67 0.84 0.00	42.73 0.82 0.00	52.73 0.93 0.00	56.36 0.88 0.00	67.85 0.84 0.00	127.14 1.16 0.00	88.51 0.92 0.00	79.60 0.80 0.00	102.60 1.20 0.00	134.04 1.48 0.00	65.45 0.76 0.00	58.89 0.75 0.00	58.26 0.79 0.00
GOWANUS_GT1_1 24077	58.39 2.75 0.00	51.49 2.57 0.00	52.21 2.36 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.80 10.04 0.00	52.15 2.61 0.00	45.94 2.58 0.00	48.41 2.81 0.00	46.68 2.85 0.00	44.62 2.70 0.00	55.19 3.39 0.00	58.89 3.42 0.00	70.77 3.76 0.00	131.87 5.88 0.00	91.81 4.22 0.00	82.22 3.42 0.00	105.41 4.01 0.00	137.68 5.13 0.00	67.42 2.73 0.00	60.65 2.52 0.00	59.82 2.35 0.00
GOWANUS_GT1_2 24078	58.39 2.75 0.00	51.49 2.57 0.00	52.21 2.36 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.80 10.04 0.00	52.15 2.61 0.00	45.94 2.58 0.00	48.41 2.81 0.00	46.68 2.85 0.00	44.62 2.70 0.00	55.19 3.39 0.00	58.89 3.42 0.00	70.77 3.76 0.00	131.87 5.88 0.00	91.81 4.22 0.00	82.22 3.42 0.00	105.41 4.01 0.00	137.68 5.13 0.00	67.42 2.73 0.00	60.65 2.52 0.00	59.82 2.35 0.00
GOWANUS_GT1_3 24079	58.39 2.75 0.00	51.49 2.57 0.00	52.21 2.36 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.80 10.04 0.00	52.15 2.61 0.00	45.94 2.58 0.00	48.41 2.81 0.00	46.68 2.85 0.00	44.62 2.70 0.00	55.19 3.39 0.00	58.89 3.42 0.00	70.77 3.76 0.00	131.87 5.88 0.00	91.81 4.22 0.00	82.22 3.42 0.00	105.41 4.01 0.00	137.68 5.13 0.00	67.42 2.73 0.00	60.65 2.52 0.00	59.82 2.35 0.00
GOWANUS_GT1_4 24080	58.39 2.75 0.00	51.49 2.57 0.00	52.21 2.36 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.80 10.04 0.00	52.15 2.61 0.00	45.94 2.58 0.00	48.41 2.81 0.00	46.68 2.85 0.00	44.62 2.70 0.00	55.19 3.39 0.00	58.89 3.42 0.00	70.77 3.76 0.00	131.87 5.88 0.00	91.81 4.22 0.00	82.22 3.42 0.00	105.41 4.01 0.00	137.68 5.13 0.00	67.42 2.73 0.00	60.65 2.52 0.00	59.82 2.35 0.00
GOWANUS_GT1_5 24084	58.39 2.75 0.00	51.49 2.57 0.00	52.21 2.36 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.80 10.04 0.00	52.15 2.61 0.00	45.94 2.58 0.00	48.41 2.81 0.00	46.68 2.85 0.00	44.62 2.70 0.00	55.19 3.39 0.00	58.89 3.42 0.00	70.77 3.76 0.00	131.87 5.88 0.00	91.81 4.22 0.00	82.22 3.42 0.00	105.41 4.01 0.00	137.68 5.13 0.00	67.42 2.73 0.00	60.65 2.52 0.00	59.82 2.35 0.00
GOWANUS_GT1_6 24111	58.39 2.75 0.00	51.49 2.57 0.00	52.21 2.36 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.80 10.04 0.00	52.15 2.61 0.00	45.94 2.58 0.00	48.41 2.81 0.00	46.68 2.85 0.00	44.62 2.70 0.00	55.19 3.39 0.00	58.89 3.42 0.00	70.77 3.76 0.00	131.87 5.88 0.00	91.81 4.22 0.00	82.22 3.42 0.00	105.41 4.01 0.00	137.68 5.13 0.00	67.42 2.73 0.00	60.65 2.52 0.00	59.82 2.35 0.00
GOWANUS_GT1_7 24112	58.39 2.75 0.00	51.49 2.57 0.00	52.21 2.36 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.80 10.04 0.00	52.15 2.61 0.00	45.94 2.58 0.00	48.41 2.81 0.00	46.68 2.85 0.00	44.62 2.70 0.00	55.19 3.39 0.00	58.89 3.42 0.00	70.77 3.76 0.00	131.87 5.88 0.00	91.81 4.22 0.00	82.22 3.42 0.00	105.41 4.01 0.00	137.68 5.13 0.00	67.42 2.73 0.00	60.65 2.52 0.00	59.82 2.35 0.00
GOWANUS_GT1_8 24113	58.39 2.75 0.00	51.49 2.57 0.00	52.21 2.36 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.80 10.04 0.00	52.15 2.61 0.00	45.94 2.58 0.00	48.41 2.81 0.00	46.68 2.85 0.00	44.62 2.70 0.00	55.19 3.39 0.00	58.89 3.42 0.00	70.77 3.76 0.00	131.87 5.88 0.00	91.81 4.22 0.00	82.22 3.42 0.00	105.41 4.01 0.00	137.68 5.13 0.00	67.42 2.73 0.00	60.65 2.52 0.00	59.82 2.35 0.00
GOWANUS_GT2_1 24114	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
GOWANUS_GT2_2 24115	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
GOWANUS_GT2_3 24116	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
GOWANUS_GT2_4 24117	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
GOWANUS_GT2_5 24118	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00

GOWANUS_GT2_6 24119	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
GOWANUS_GT2_7 24120	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
GOWANUS_GT2_8 24121	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
GOWANUS_GT3_1 24122	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
GOWANUS_GT3_2 24123	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
GOWANUS_GT3_3 24124	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
GOWANUS_GT3_4 24125	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
GOWANUS_GT3_5 24126	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
GOWANUS_GT3_6 24127	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
GOWANUS_GT3_7 24128	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
GOWANUS_GT3_8 24129	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
GOWANUS_GT4_1 24130	58.39 2.75 0.00	51.49 2.57 0.00	52.21 2.36 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.80 10.04 0.00	52.15 2.61 0.00	45.94 2.58 0.00	48.41 2.81 0.00	46.68 2.85 0.00	44.62 2.70 0.00	55.19 3.39 0.00	58.89 3.42 0.00	70.77 3.76 0.00	131.87 5.88 0.00	91.81 4.22 0.00	82.22 3.42 0.00	105.41 4.01 0.00	137.68 5.13 0.00	67.42 2.73 0.00	60.65 2.52 0.00	59.82 2.35 0.00
GOWANUS_GT4_2 24131	58.39 2.75 0.00	51.49 2.57 0.00	52.21 2.36 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.80 10.04 0.00	52.15 2.61 0.00	45.94 2.58 0.00	48.41 2.81 0.00	46.68 2.85 0.00	44.62 2.70 0.00	55.19 3.39 0.00	58.89 3.42 0.00	70.77 3.76 0.00	131.87 5.88 0.00	91.81 4.22 0.00	82.22 3.42 0.00	105.41 4.01 0.00	137.68 5.13 0.00	67.42 2.73 0.00	60.65 2.52 0.00	59.82 2.35 0.00
GOWANUS_GT4_3 24132	58.39 2.75 0.00	51.49 2.57 0.00	52.21 2.36 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.80 10.04 0.00	52.15 2.61 0.00	45.94 2.58 0.00	48.41 2.81 0.00	46.68 2.85 0.00	44.62 2.70 0.00	55.19 3.39 0.00	58.89 3.42 0.00	70.77 3.76 0.00	131.87 5.88 0.00	91.81 4.22 0.00	82.22 3.42 0.00	105.41 4.01 0.00	137.68 5.13 0.00	67.42 2.73 0.00	60.65 2.52 0.00	59.82 2.35 0.00
GOWANUS_GT4_4 24133	58.39 2.75 0.00	51.49 2.57 0.00	52.21 2.36 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.80 10.04 0.00	52.15 2.61 0.00	45.94 2.58 0.00	48.41 2.81 0.00	46.68 2.85 0.00	44.62 2.70 0.00	55.19 3.39 0.00	58.89 3.42 0.00	70.77 3.76 0.00	131.87 5.88 0.00	91.81 4.22 0.00	82.22 3.42 0.00	105.41 4.01 0.00	137.68 5.13 0.00	67.42 2.73 0.00	60.65 2.52 0.00	59.82 2.35 0.00

GOWANUS_GT4_5 24134	58.39 2.75 0.00	51.49 2.57 0.00	52.21 2.36 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.80 10.04 0.00	52.15 2.61 0.00	45.94 2.58 0.00	48.41 2.81 0.00	46.68 2.85 0.00	44.62 2.70 0.00	55.19 3.39 0.00	58.89 3.42 0.00	70.77 3.76 0.00	131.87 5.88 0.00	91.81 4.22 0.00	82.22 3.42 0.00	105.41 4.01 0.00	137.68 5.13 0.00	67.42 2.73 0.00	60.65 2.52 0.00	59.82 2.35 0.00
GOWANUS_GT4_6 24135	58.39 2.75 0.00	51.49 2.57 0.00	52.21 2.36 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.80 10.04 0.00	52.15 2.61 0.00	45.94 2.58 0.00	48.41 2.81 0.00	46.68 2.85 0.00	44.62 2.70 0.00	55.19 3.39 0.00	58.89 3.42 0.00	70.77 3.76 0.00	131.87 5.88 0.00	91.81 4.22 0.00	82.22 3.42 0.00	105.41 4.01 0.00	137.68 5.13 0.00	67.42 2.73 0.00	60.65 2.52 0.00	59.82 2.35 0.00
GOWANUS_GT4_7 24136	58.39 2.75 0.00	51.49 2.57 0.00	52.21 2.36 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.80 10.04 0.00	52.15 2.61 0.00	45.94 2.58 0.00	48.41 2.81 0.00	46.68 2.85 0.00	44.62 2.70 0.00	55.19 3.39 0.00	58.89 3.42 0.00	70.77 3.76 0.00	131.87 5.88 0.00	91.81 4.22 0.00	82.22 3.42 0.00	105.41 4.01 0.00	137.68 5.13 0.00	67.42 2.73 0.00	60.65 2.52 0.00	59.82 2.35 0.00
GOWANUS_GT4_8 24137	58.39 2.75 0.00	51.49 2.57 0.00	52.21 2.36 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.80 10.04 0.00	52.15 2.61 0.00	45.94 2.58 0.00	48.41 2.81 0.00	46.68 2.85 0.00	44.62 2.70 0.00	55.19 3.39 0.00	58.89 3.42 0.00	70.77 3.76 0.00	131.87 5.88 0.00	91.81 4.22 0.00	82.22 3.42 0.00	105.41 4.01 0.00	137.68 5.13 0.00	67.42 2.73 0.00	60.65 2.52 0.00	59.82 2.35 0.00
GREATVRV_69_KV_BK1 356245	62.64 4.49 -2.51	52.74 3.83 0.00	53.31 3.46 0.00	52.69 3.31 0.00	53.88 3.41 0.00	62.45 3.89 -0.32	121.23 7.05 -10.18	219.27 12.98 -14.53	55.33 3.18 -2.61	46.34 2.99 0.00	49.23 3.64 0.00	46.24 3.74 1.32	43.32 3.53 2.13	55.73 4.54 0.61	66.40 4.76 -6.16	80.51 5.94 -7.55	146.72 8.72 -12.01	104.82 6.19 -11.04	93.44 5.13 -9.51	123.71 6.14 -16.18	154.52 7.68 -14.28	70.43 4.62 -1.12	62.92 4.37 -0.42	61.98 4.52 0.00
GREENBSH_115KV_TB3 55895	55.88 0.24 0.00	49.48 0.57 0.00	50.31 0.46 0.00	49.84 0.46 0.00	50.83 0.36 0.00	58.70 0.46 0.00	104.82 0.81 0.00	192.78 1.02 0.00	50.05 0.52 0.00	43.56 0.21 0.00	45.69 0.10 0.00	44.06 0.24 0.00	42.21 0.30 0.00	52.01 0.21 0.00	55.76 0.29 0.00	67.53 0.52 0.00	126.89 0.90 0.00	87.74 0.15 0.00	79.02 0.23 0.00	101.49 0.09 0.00	132.96 0.40 0.00	64.96 0.27 0.00	58.13 -0.01 0.00	57.44 -0.04 0.00
GREENDGE_115KV_TB5 80291	55.73 0.09 0.00	48.89 -0.02 0.00	49.84 -0.01 0.00	49.62 0.24 0.00	50.68 0.20 0.00	58.38 0.14 0.00	102.66 -1.34 0.00	187.20 -4.56 0.00	49.48 -0.06 0.00	44.31 0.95 0.00	47.55 1.96 0.00	44.85 1.02 0.00	42.79 0.88 0.00	51.67 -0.12 0.00	54.96 -0.51 0.00	65.21 -1.81 0.00	122.21 -3.78 0.00	85.00 -2.59 0.00	76.49 -2.31 0.00	98.18 -3.21 0.00	127.64 -4.92 0.00	63.09 -1.61 0.00	57.33 -0.81 0.00	57.55 0.07 0.00
GREENIDGE___3 23582	55.73 0.09 0.00	48.89 -0.02 0.00	49.84 -0.01 0.00	49.62 0.24 0.00	50.68 0.20 0.00	58.38 0.14 0.00	102.66 -1.34 0.00	187.20 -4.56 0.00	49.48 -0.06 0.00	44.31 0.95 0.00	47.55 1.96 0.00	44.85 1.02 0.00	42.79 0.88 0.00	51.67 -0.12 0.00	54.96 -0.51 0.00	65.21 -1.81 0.00	122.21 -3.78 0.00	85.00 -2.59 0.00	76.49 -2.31 0.00	98.18 -3.21 0.00	127.64 -4.92 0.00	63.09 -1.61 0.00	57.33 -0.81 0.00	57.55 0.07 0.00
GREENIDGE___4 23583	57.81 0.09 -2.07	51.54 -0.03 -2.66	54.84 0.01 -4.99	52.39 0.27 -2.73	52.51 0.23 -1.81	59.33 0.11 -0.98	102.66 -1.35 0.00	187.23 -4.54 0.00	50.80 -0.05 -1.31	45.67 0.88 -1.44	59.45 1.94 -11.91	44.84 1.02 0.00	42.98 0.87 -0.19	53.58 -0.15 -1.93	55.68 -0.52 -0.72	65.48 -1.85 -0.32	122.20 -3.79 0.00	85.00 -2.59 0.00	77.27 -2.30 -0.77	100.37 -3.23 -2.20	131.89 -4.98 -4.31	65.83 -1.60 -2.74	59.85 -0.80 -2.51	57.52 0.05 0.00
GREENLWN_69_KV_BK 3 55738	55.55 3.12 3.21	51.77 2.86 0.00	52.30 2.46 0.00	51.70 2.32 0.00	52.87 2.40 0.00	60.43 2.56 0.37	96.66 4.36 11.71	183.27 8.21 16.70	48.41 1.88 3.01	45.46 2.10 0.00	48.42 2.83 0.00	45.49 3.15 1.48	42.53 3.01 2.39	54.74 3.62 0.68	51.76 3.38 7.09	62.44 4.12 8.69	117.38 5.21 13.81	78.77 3.88 12.70	70.90 3.04 10.94	86.31 3.52 18.60	120.51 4.37 16.42	66.29 2.88 1.28	60.56 2.91 0.48	60.79 3.33 0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	58.39 2.75 0.00	51.49 2.57 0.00	52.21 2.36 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.80 10.04 0.00	52.15 2.61 0.00	45.94 2.58 0.00	48.41 2.81 0.00	46.68 2.85 0.00	44.62 2.70 0.00	55.19 3.39 0.00	58.89 3.42 0.00	70.77 3.76 0.00	131.87 5.88 0.00	91.81 4.22 0.00	82.22 3.42 0.00	105.41 4.01 0.00	137.68 5.13 0.00	67.42 2.73 0.00	60.65 2.52 0.00	59.82 2.35 0.00
GRISSOM___SOLAR 323813	57.21 1.57 0.00	50.36 1.45 0.00	51.31 1.46 0.00	50.78 1.40 0.00	52.00 1.53 0.00	60.10 1.86 0.00	107.74 3.74 0.00	198.75 6.99 0.00	51.06 1.53 0.00	43.78 0.42 0.00	45.65 0.06 0.00	44.28 0.45 0.00	42.50 0.59 0.00	53.10 1.30 0.00	57.29 1.81 0.00	69.53 2.52 0.00	130.90 4.91 0.00	91.13 3.55 0.00	81.99 3.19 0.00	105.51 4.11 0.00	137.88 5.32 0.00	67.19 2.50 0.00	60.21 2.08 0.00	59.43 1.96 0.00
GROVEVILLE___HYD 323602	58.47 2.83 0.00	51.43 2.52 0.00	52.28 2.43 0.00	51.79 2.40 0.00	52.90 2.44 0.00	61.25 3.01 0.00	109.75 5.75 0.00	202.47 10.71 0.00	52.07 2.54 0.00	45.71 2.36 0.00	48.17 2.58 0.00	46.42 2.60 0.00	44.36 2.45 0.00	54.89 3.09 0.00	58.71 3.23 0.00	70.88 3.87 0.00	132.56 6.57 0.00	92.21 4.63 0.00	82.72 3.92 0.00	106.22 4.82 0.00	138.68 6.12 0.00	67.81 3.12 0.00	60.83 2.70 0.00	60.04 2.57 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	55.61 -0.03 0.00	48.87 -0.05 0.00	49.89 0.04 0.00	49.44 0.05 0.00	50.51 0.04 0.00	58.26 0.02 0.00	103.95 -0.05 0.00	191.95 0.18 0.00	49.58 0.04 0.00	43.47 0.11 0.00	45.72 0.13 0.00	43.81 -0.02 0.00	41.88 -0.04 0.00	51.68 -0.12 0.00	55.25 -0.23 0.00	66.45 -0.56 0.00	124.53 -1.46 0.00	86.71 -0.87 0.00	78.07 -0.74 0.00	100.59 -0.81 0.00	131.39 -1.17 0.00	64.23 -0.47 0.00	57.75 -0.39 0.00	57.08 -0.39 0.00
HAMLTNNY_34_KV_TB 80303	55.95 0.31 0.00	49.14 0.23 0.00	50.21 0.36 0.00	49.76 0.37 0.00	50.86 0.39 0.00	58.56 0.32 0.00	104.38 0.38 0.00	192.77 1.00 0.00	49.82 0.28 0.00	43.72 0.36 0.00	45.98 0.39 0.00	44.06 0.23 0.00	42.07 0.15 0.00	51.87 0.07 0.00	55.39 -0.08 0.00	66.68 -0.33 0.00	124.88 -1.11 0.00	87.00 -0.59 0.00	78.42 -0.38 0.00	100.88 -0.52 0.00	131.66 -0.90 0.00	64.34 -0.36 0.00	57.89 -0.24 0.00	57.30 -0.17 0.00

HAMPSHIRE___PAPER_HYD 323593	55.10 -0.54 0.00	48.33 -0.58 0.00	49.43 -0.41 0.00	48.97 -0.42 0.00	50.19 -0.29 0.00	58.12 -0.12 0.00	104.13 0.12 0.00	192.63 0.87 0.00	49.60 0.06 0.00	42.90 -0.46 0.00	44.86 -0.73 0.00	43.08 -0.75 0.00	41.11 -0.81 0.00	51.11 -0.69 0.00	55.25 -0.23 0.00	66.80 -0.22 0.00	126.57 0.58 0.00	88.32 0.74 0.00	79.67 0.87 0.00	103.01 1.61 0.00	134.73 2.18 0.00	65.87 1.18 0.00	59.34 1.20 0.00	58.68 1.21 0.00
HARDSCRABBLE_WT_PWR 323673	57.82 2.17 0.00	51.05 2.14 0.00	51.93 2.08 0.00	51.44 2.05 0.00	52.62 2.15 0.00	60.93 2.69 0.00	109.68 5.68 0.00	202.46 10.69 0.00	52.12 2.58 0.00	44.67 1.31 0.00	46.74 1.15 0.00	45.15 1.33 0.00	43.29 1.37 0.00	53.85 2.05 0.00	58.30 2.83 0.00	71.11 4.10 0.00	134.11 8.13 0.00	92.96 5.38 0.00	83.86 5.06 0.00	107.68 6.28 0.00	141.16 8.60 0.00	68.79 4.10 0.00	61.54 3.40 0.00	60.72 3.25 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	58.26 2.61 0.00	51.23 2.32 0.00	52.06 2.21 0.00	51.57 2.19 0.00	52.69 2.22 0.00	61.02 2.78 0.00	109.30 5.29 0.00	201.68 9.91 0.00	51.84 2.31 0.00	45.58 2.23 0.00	48.06 2.47 0.00	46.30 2.48 0.00	44.22 2.30 0.00	54.72 2.93 0.00	58.53 3.05 0.00	70.69 3.67 0.00	132.08 6.09 0.00	91.95 4.37 0.00	82.39 3.59 0.00	105.83 4.44 0.00	138.14 5.58 0.00	67.53 2.84 0.00	60.58 2.45 0.00	59.80 2.33 0.00
HARSNRAD_115KV_TB1 81005	57.05 1.41 0.00	49.98 1.07 0.00	51.20 1.35 0.00	50.76 1.37 0.00	51.72 1.25 0.00	58.64 0.40 0.00	101.33 -2.67 0.00	187.02 -4.74 0.00	48.69 -0.85 0.00	43.57 0.22 0.00	46.21 0.61 0.00	43.65 -0.17 0.00	41.81 -0.10 0.00	51.38 -0.42 0.00	54.69 -0.78 0.00	64.89 -2.12 0.00	119.18 -6.80 0.00	83.11 -4.48 0.00	74.86 -3.94 0.00	96.35 -5.05 0.00	125.32 -7.24 0.00	61.25 -3.44 0.00	56.35 -1.79 0.00	56.43 -1.04 0.00
HARZA MOOSE___RIVER 24016	55.88 0.24 0.00	49.24 0.33 0.00	50.42 0.57 0.00	49.98 0.60 0.00	51.15 0.68 0.00	59.37 1.13 0.00	106.46 2.46 0.00	196.73 4.96 0.00	50.60 1.06 0.00	43.61 0.25 0.00	45.49 -0.10 0.00	43.74 -0.08 0.00	41.87 -0.05 0.00	52.08 0.28 0.00	56.46 0.98 0.00	68.28 1.27 0.00	129.24 3.25 0.00	90.17 2.58 0.00	81.00 2.20 0.00	104.49 3.10 0.00	136.56 4.00 0.00	66.54 1.84 0.00	59.80 1.67 0.00	59.03 1.56 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	55.27 -0.37 0.00	48.61 -0.30 0.00	49.60 -0.25 0.00	49.15 -0.24 0.00	50.20 -0.27 0.00	57.85 -0.39 0.00	103.17 -0.84 0.00	190.56 -1.21 0.00	49.23 -0.30 0.00	43.17 -0.18 0.00	45.44 -0.16 0.00	43.50 -0.32 0.00	41.60 -0.31 0.00	51.37 -0.43 0.00	54.92 -0.56 0.00	65.98 -1.03 0.00	123.59 -2.39 0.00	85.99 -1.59 0.00	77.35 -1.45 0.00	99.72 -1.68 0.00	130.26 -2.30 0.00	63.75 -0.95 0.00	57.31 -0.82 0.00	56.64 -0.83 0.00
HELLGATE_13_KV_LD 55870	58.50 2.85 0.00	51.50 2.59 0.00	52.26 2.41 0.00	51.74 2.35 0.00	52.81 2.34 0.00	61.20 2.96 0.00	109.66 5.66 0.00	202.25 10.48 0.00	52.25 2.71 0.00	46.07 2.71 0.00	48.56 2.97 0.00	46.81 2.98 0.00	44.77 2.86 0.00	55.34 3.54 0.00	59.08 3.60 0.00	71.00 3.98 0.00	132.19 6.20 0.00	92.02 4.44 0.00	82.39 3.59 0.00	105.59 4.20 0.00	137.78 5.22 0.00	67.49 2.80 0.00	60.66 2.52 0.00	59.86 2.39 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	58.50 2.85 0.00	51.50 2.59 0.00	52.26 2.41 0.00	51.74 2.35 0.00	52.81 2.34 0.00	61.20 2.96 0.00	109.66 5.66 0.00	202.25 10.48 0.00	52.25 2.71 0.00	46.07 2.71 0.00	48.56 2.97 0.00	46.81 2.98 0.00	44.77 2.86 0.00	55.34 3.54 0.00	59.08 3.60 0.00	71.00 3.98 0.00	132.19 6.20 0.00	92.02 4.44 0.00	82.39 3.59 0.00	105.59 4.20 0.00	137.78 5.22 0.00	67.49 2.80 0.00	60.66 2.52 0.00	59.86 2.39 0.00
HEMPSTEAD____ 23647	58.88 3.06 -0.18	51.64 2.73 -0.01	52.23 2.37 -0.01	51.66 2.27 -0.01	52.82 2.35 -0.01	60.84 2.60 0.00	108.70 4.70 0.00	200.62 8.86 0.00	51.65 2.11 0.00	45.54 2.19 0.00	48.27 2.68 0.00	48.33 2.94 -1.57	47.25 2.81 -2.53	56.01 3.48 -0.72	58.98 3.49 -0.01	71.16 4.14 -0.01	131.59 5.61 0.00	91.69 4.10 0.00	82.06 3.26 0.00	105.20 3.80 0.00	137.38 4.82 0.00	67.59 2.89 0.00	60.95 2.81 -0.01	60.46 2.99 0.00
HICKLING___1 23621	55.32 -0.32 0.00	48.31 -0.60 0.00	49.48 -0.37 0.00	49.16 -0.22 0.00	50.13 -0.35 0.00	57.76 -0.48 0.00	101.56 -2.44 0.00	187.80 -3.97 0.00	48.59 -0.95 0.00	43.25 -0.10 0.00	46.26 0.67 0.00	43.49 -0.34 0.00	41.86 -0.05 0.00	51.35 -0.45 0.00	54.74 -0.74 0.00	65.00 -2.01 0.00	120.85 -5.13 0.00	84.29 -3.29 0.00	75.82 -2.98 0.00	98.15 -3.25 0.00	127.56 -4.99 0.00	62.30 -2.40 0.00	56.59 -1.55 0.00	56.82 -0.65 0.00
HICKLING___2 23622	55.32 -0.32 0.00	48.31 -0.60 0.00	49.48 -0.37 0.00	49.16 -0.22 0.00	50.13 -0.35 0.00	57.76 -0.48 0.00	101.56 -2.44 0.00	187.80 -3.97 0.00	48.59 -0.95 0.00	43.25 -0.10 0.00	46.26 0.67 0.00	43.49 -0.34 0.00	41.86 -0.05 0.00	51.35 -0.45 0.00	54.74 -0.74 0.00	65.00 -2.01 0.00	120.85 -5.13 0.00	84.29 -3.29 0.00	75.82 -2.98 0.00	98.15 -3.25 0.00	127.56 -4.99 0.00	62.30 -2.40 0.00	56.59 -1.55 0.00	56.82 -0.65 0.00
HIGH FALLS___HY 23754	58.72 3.08 0.00	51.60 2.70 0.00	52.48 2.63 0.00	51.98 2.60 0.00	53.11 2.64 0.00	61.52 3.28 0.00	110.25 6.24 0.00	203.68 11.92 0.00	52.31 2.78 0.00	45.97 2.61 0.00	48.49 2.89 0.00	46.64 2.82 0.00	44.43 2.52 0.00	54.56 2.76 0.00	58.39 2.91 0.00	70.46 3.45 0.00	132.33 6.34 0.00	92.28 4.69 0.00	82.77 3.97 0.00	106.35 4.95 0.00	138.86 6.30 0.00	68.26 3.57 0.00	61.22 3.08 0.00	60.40 2.93 0.00
HIGH_RIVER___SOLAR 323847	57.05 1.41 0.00	50.23 1.32 0.00	51.17 1.32 0.00	50.68 1.29 0.00	51.86 1.39 0.00	59.94 1.70 0.00	107.33 3.33 0.00	197.89 6.13 0.00	50.72 1.18 0.00	43.78 0.43 0.00	45.73 0.14 0.00	44.14 0.32 0.00	42.17 0.25 0.00	52.60 0.80 0.00	56.77 1.29 0.00	69.12 2.11 0.00	130.39 4.40 0.00	90.70 3.11 0.00	81.61 2.81 0.00	105.00 3.60 0.00	137.26 4.70 0.00	66.91 2.21 0.00	59.97 1.83 0.00	59.22 1.75 0.00
HILLBURN___GT 23639	58.06 2.42 0.00	51.07 2.16 0.00	51.86 2.01 0.00	51.37 1.99 0.00	52.48 2.01 0.00	60.81 2.57 0.00	108.88 4.87 0.00	201.00 9.23 0.00	51.64 2.10 0.00	45.42 2.06 0.00	47.91 2.31 0.00	46.16 2.34 0.00	44.11 2.20 0.00	54.61 2.81 0.00	58.35 2.87 0.00	70.42 3.41 0.00	131.43 5.45 0.00	91.49 3.91 0.00	81.95 3.14 0.00	105.20 3.80 0.00	137.30 4.74 0.00	67.18 2.49 0.00	60.28 2.15 0.00	59.53 2.06 0.00
HILLSIDE_115KV_TB1 80332	54.37 -1.28 0.00	47.37 -1.54 0.00	48.56 -1.29 0.00	48.24 -1.15 0.00	49.15 -1.32 0.00	56.66 -1.58 0.00	99.62 -4.38 0.00	184.21 -7.56 0.00	47.57 -1.96 0.00	42.45 -0.90 0.00	45.45 -0.14 0.00	42.76 -1.07 0.00	41.22 -0.70 0.00	50.49 -1.31 0.00	53.92 -1.55 0.00	63.82 -3.20 0.00	118.36 -7.63 0.00	82.45 -5.14 0.00	74.18 -4.62 0.00	96.13 -5.26 0.00	125.00 -7.55 0.00	61.04 -3.65 0.00	55.40 -2.74 0.00	55.71 -1.76 0.00

HISHELDN_WT_PWR 323625	55.72 0.57 0.49	48.77 0.49 0.63	49.36 0.70 1.19	49.56 0.82 0.65	50.73 0.69 0.43	58.01 0.01 0.23	101.35 -2.66 0.00	187.62 -4.15 0.00	48.49 -0.76 0.29	43.15 0.12 0.32	43.62 0.65 2.63	43.65 -0.18 0.00	41.80 -0.07 0.04	51.09 -0.26 0.46	54.64 -0.66 0.17	65.03 -1.90 0.09	120.43 -5.56 0.00	83.99 -3.60 0.00	75.45 -3.13 0.22	97.02 -3.75 0.63	125.68 -5.64 1.24	61.32 -2.68 0.69	56.19 -1.32 0.63	56.82 -0.65 0.00
HOLTSVILLE_IC_1 23690	62.72 3.53 -3.55	52.06 3.15 0.01	52.59 2.75 0.01	51.99 2.61 0.01	53.16 2.69 0.01	61.65 2.96 -0.46	123.64 5.11 -14.53	221.92 9.44 -20.72	55.43 2.16 -3.73	45.63 2.28 0.00	48.52 2.93 0.00	45.29 3.19 1.73	42.14 3.02 2.80	54.66 3.65 0.80	67.88 3.62 -8.79	82.36 4.57 -10.77	149.07 5.95 -17.14	107.53 4.19 -15.75	95.72 3.35 -13.57	128.39 3.92 -23.08	157.81 4.88 -20.37	69.54 3.25 -1.59	62.08 3.36 -0.59	61.14 3.67 0.01
HOLTSVILLE_IC_10 23699	62.33 3.82 -2.87	52.30 3.39 0.01	52.83 2.98 0.01	52.24 2.86 0.01	53.40 2.93 0.01	61.87 3.25 -0.37	121.50 5.66 -11.83	219.19 10.55 -16.88	55.00 2.42 -3.04	45.83 2.48 0.00	48.72 3.13 0.00	45.56 3.37 1.64	42.46 3.18 2.64	54.91 3.87 0.75	66.52 3.88 -7.16	80.73 4.94 -8.77	146.62 6.67 -13.96	105.13 4.72 -12.83	93.66 3.81 -11.05	124.69 4.50 -18.80	154.80 5.65 -16.59	69.62 3.63 -1.30	62.31 3.69 -0.48	61.43 3.97 0.01
HOLTSVILLE_IC_2 23691	62.72 3.53 -3.55	52.06 3.15 0.01	52.59 2.75 0.01	51.99 2.61 0.01	53.16 2.69 0.01	61.65 2.96 -0.46	123.64 5.11 -14.53	221.92 9.44 -20.72	55.43 2.16 -3.73	45.63 2.28 0.00	48.52 2.93 0.00	45.29 3.19 1.73	42.14 3.02 2.80	54.66 3.65 0.80	67.88 3.62 -8.79	82.36 4.57 -10.77	149.07 5.95 -17.14	107.53 4.19 -15.75	95.72 3.35 -13.57	128.39 3.92 -23.08	157.81 4.88 -20.37	69.54 3.25 -1.59	62.08 3.36 -0.59	61.14 3.67 0.01
HOLTSVILLE_IC_3 23692	62.72 3.53 -3.55	52.06 3.15 0.01	52.59 2.75 0.01	51.99 2.61 0.01	53.16 2.69 0.01	61.65 2.96 -0.46	123.64 5.11 -14.53	221.92 9.44 -20.72	55.43 2.16 -3.73	45.63 2.28 0.00	48.52 2.93 0.00	45.29 3.19 1.73	42.14 3.02 2.80	54.66 3.65 0.80	67.88 3.62 -8.79	82.36 4.57 -10.77	149.07 5.95 -17.14	107.53 4.19 -15.75	95.72 3.35 -13.57	128.39 3.92 -23.08	157.81 4.88 -20.37	69.54 3.25 -1.59	62.08 3.36 -0.59	61.14 3.67 0.01
HOLTSVILLE_IC_4 23693	62.72 3.53 -3.55	52.06 3.15 0.01	52.59 2.75 0.01	51.99 2.61 0.01	53.16 2.69 0.01	61.65 2.96 -0.46	123.64 5.11 -14.53	221.92 9.44 -20.72	55.43 2.16 -3.73	45.63 2.28 0.00	48.52 2.93 0.00	45.29 3.19 1.73	42.14 3.02 2.80	54.66 3.65 0.80	67.88 3.62 -8.79	82.36 4.57 -10.77	149.07 5.95 -17.14	107.53 4.19 -15.75	95.72 3.35 -13.57	128.39 3.92 -23.08	157.81 4.88 -20.37	69.54 3.25 -1.59	62.08 3.36 -0.59	61.14 3.67 0.01
HOLTSVILLE_IC_5 23694	62.72 3.53 -3.55	52.06 3.15 0.01	52.59 2.75 0.01	51.99 2.61 0.01	53.16 2.69 0.01	61.65 2.96 -0.46	123.64 5.11 -14.53	221.92 9.44 -20.72	55.43 2.16 -3.73	45.63 2.28 0.00	48.52 2.93 0.00	45.29 3.19 1.73	42.14 3.02 2.80	54.66 3.65 0.80	67.88 3.62 -8.79	82.36 4.57 -10.77	149.07 5.95 -17.14	107.53 4.19 -15.75	95.72 3.35 -13.57	128.39 3.92 -23.08	157.81 4.88 -20.37	69.54 3.25 -1.59	62.08 3.36 -0.59	61.14 3.67 0.01
HOLTSVILLE_IC_6 23695	62.33 3.82 -2.87	52.30 3.39 0.01	52.83 2.98 0.01	52.24 2.86 0.01	53.40 2.93 0.01	61.87 3.25 -0.37	121.50 5.66 -11.83	219.19 10.55 -16.88	55.00 2.42 -3.04	45.83 2.48 0.00	48.72 3.13 0.00	45.56 3.37 1.64	42.46 3.18 2.64	54.91 3.87 0.75	66.52 3.88 -7.16	80.73 4.94 -8.77	146.62 6.67 -13.96	105.13 4.72 -12.83	93.66 3.81 -11.05	124.69 4.50 -18.80	154.80 5.65 -16.59	69.62 3.63 -1.30	62.31 3.69 -0.48	61.43 3.97 0.01
HOLTSVILLE_IC_7 23696	62.33 3.82 -2.87	52.30 3.39 0.01	52.83 2.98 0.01	52.24 2.86 0.01	53.40 2.93 0.01	61.87 3.25 -0.37	121.50 5.66 -11.83	219.19 10.55 -16.88	55.00 2.42 -3.04	45.83 2.48 0.00	48.72 3.13 0.00	45.56 3.37 1.64	42.46 3.18 2.64	54.91 3.87 0.75	66.52 3.88 -7.16	80.73 4.94 -8.77	146.62 6.67 -13.96	105.13 4.72 -12.83	93.66 3.81 -11.05	124.69 4.50 -18.80	154.80 5.65 -16.59	69.62 3.63 -1.30	62.31 3.69 -0.48	61.43 3.97 0.01
HOLTSVILLE_IC_8 23697	62.33 3.82 -2.87	52.30 3.39 0.01	52.83 2.98 0.01	52.24 2.86 0.01	53.40 2.93 0.01	61.87 3.25 -0.37	121.50 5.66 -11.83	219.19 10.55 -16.88	55.00 2.42 -3.04	45.83 2.48 0.00	48.72 3.13 0.00	45.56 3.37 1.64	42.46 3.18 2.64	54.91 3.87 0.75	66.52 3.88 -7.16	80.73 4.94 -8.77	146.62 6.67 -13.96	105.13 4.72 -12.83	93.66 3.81 -11.05	124.69 4.50 -18.80	154.80 5.65 -16.59	69.62 3.63 -1.30	62.31 3.69 -0.48	61.43 3.97 0.01
HOLTSVILLE_IC_9 23698	62.33 3.82 -2.87	52.30 3.39 0.01	52.83 2.98 0.01	52.24 2.86 0.01	53.40 2.93 0.01	61.87 3.25 -0.37	121.50 5.66 -11.83	219.19 10.55 -16.88	55.00 2.42 -3.04	45.83 2.48 0.00	48.72 3.13 0.00	45.56 3.37 1.64	42.46 3.18 2.64	54.91 3.87 0.75	66.52 3.88 -7.16	80.73 4.94 -8.77	146.62 6.67 -13.96	105.13 4.72 -12.83	93.66 3.81 -11.05	124.69 4.50 -18.80	154.80 5.65 -16.59	69.62 3.63 -1.30	62.31 3.69 -0.48	61.43 3.97 0.01
HOMER_HL_115KV_TB2 355744	57.28 1.64 0.00	50.37 1.46 0.00	51.45 1.61 0.00	51.07 1.68 0.00	52.16 1.69 0.00	59.47 1.24 0.00	102.88 -1.12 0.00	190.41 -1.36 0.00	49.08 -0.45 0.00	44.07 0.71 0.00	47.17 1.58 0.00	44.55 0.73 0.00	42.82 0.90 0.00	52.69 0.89 0.00	56.24 0.77 0.00	66.15 -0.86 0.00	121.19 -4.80 0.00	84.60 -2.99 0.00	76.03 -2.77 0.00	98.68 -2.72 0.00	128.19 -4.37 0.00	62.56 -2.14 0.00	57.24 -0.90 0.00	57.29 -0.19 0.00
HOWARD_WT_PWR 323690	56.39 -0.20 -0.95	49.88 -0.25 -1.22	51.95 -0.19 -2.29	50.67 0.03 -1.26	51.34 0.04 -0.83	58.59 -0.10 -0.45	102.80 -1.20 0.00	191.33 -0.43 0.00	50.19 0.19 -0.46	44.34 0.48 -0.50	50.89 1.14 -4.15	43.91 0.09 0.00	42.25 0.25 -0.09	52.75 0.07 -0.88	55.42 -0.38 -0.33	65.97 -1.19 -0.14	123.24 -2.74 0.00	86.17 -1.42 0.00	77.96 -1.17 -0.33	101.16 -1.18 -0.94	131.96 -2.45 -1.85	64.81 -1.11 -1.22	59.07 -0.18 -1.12	57.92 0.45 0.00
HQ_GEN_CEDARS 23644	56.19 0.55 0.00	49.09 0.18 0.00	49.99 0.14 0.00	49.50 0.11 0.00	50.73 0.25 0.00	58.65 0.42 0.00	104.87 0.87 0.00	193.53 1.77 0.00	50.03 0.49 0.00	43.81 0.45 0.00	46.07 0.47 0.00	44.28 0.45 0.00	42.26 0.35 0.00	52.24 0.44 0.00	55.91 0.44 0.00	67.57 0.55 0.00	128.14 2.16 0.00	89.45 1.87 0.00	80.69 1.89 0.00	103.85 2.45 0.00	135.57 3.01 0.00	66.19 1.50 0.00	59.63 1.50 0.00	59.14 1.67 0.00
HQ_GEN_CEDARS_PROXY 323590	56.19 0.55 0.00	49.09 0.18 0.00	49.99 0.14 0.00	49.50 0.11 0.00	50.14 0.26 0.59	59.01 0.42 -0.36	104.87 0.86 0.00	193.57 1.80 0.00	50.02 0.49 0.00	43.81 0.45 0.00	46.07 0.48 0.00	44.28 0.45 0.00	42.26 0.35 0.00	52.24 0.44 0.00	55.91 0.43 0.00	67.56 0.55 0.00	128.14 2.15 0.00	89.46 1.88 0.00	80.69 1.89 0.00	103.84 2.44 0.00	135.56 3.00 0.00	66.19 1.50 0.00	59.63 1.49 0.00	59.14 1.67 0.00

HQ_GEN_IMPORT 323601	55.44 -0.21 0.00	48.58 -0.34 0.00	49.49 -0.36 0.00	49.00 -0.38 0.00	50.14 -0.33 0.00	57.92 -0.32 0.00	102.00 -0.47 1.53	190.96 -0.81 0.00	49.33 -0.21 0.00	43.19 -0.16 0.00	45.44 -0.16 0.00	43.68 -0.15 0.00	41.76 -0.16 0.00	51.59 -0.21 0.00	55.27 -0.21 0.00	66.75 -0.26 0.00	126.13 0.15 0.00	87.89 0.30 0.00	79.07 0.27 0.00	101.72 0.33 0.00	132.86 0.30 0.00	64.86 0.17 0.00	58.35 0.22 0.00	57.68 0.21 0.00
HQ_GEN_WHEEL 23651	55.44 -0.21 0.00	48.58 -0.34 0.00	49.49 -0.36 0.00	49.00 -0.38 0.00	50.14 -0.33 0.00	57.92 -0.32 0.00	102.00 -0.47 1.53	190.96 -0.81 0.00	49.33 -0.21 0.00	43.19 -0.16 0.00	45.44 -0.16 0.00	43.68 -0.15 0.00	41.76 -0.16 0.00	51.59 -0.21 0.00	55.27 -0.21 0.00	66.75 -0.26 0.00	126.13 0.15 0.00	87.89 0.30 0.00	79.07 0.27 0.00	101.72 0.33 0.00	132.86 0.30 0.00	64.86 0.17 0.00	58.35 0.22 0.00	57.68 0.21 0.00
HUDSON AVE_GT_3 23810	58.38 2.73 0.00	51.37 2.46 0.00	52.13 2.29 0.00	51.61 2.23 0.00	52.69 2.22 0.00	61.07 2.83 0.00	109.36 5.36 0.00	201.82 10.06 0.00	52.02 2.48 0.00	45.86 2.50 0.00	48.38 2.79 0.00	46.61 2.78 0.00	44.57 2.66 0.00	55.13 3.33 0.00	58.87 3.39 0.00	70.89 3.88 0.00	132.00 6.02 0.00	91.86 4.28 0.00	82.25 3.45 0.00	105.48 4.09 0.00	137.63 5.07 0.00	67.39 2.70 0.00	60.52 2.38 0.00	59.79 2.32 0.00
HUDSON AVE_GT_4 23540	58.38 2.73 0.00	51.37 2.46 0.00	52.13 2.29 0.00	51.61 2.23 0.00	52.69 2.22 0.00	61.07 2.83 0.00	109.36 5.36 0.00	201.82 10.06 0.00	52.02 2.48 0.00	45.86 2.50 0.00	48.38 2.79 0.00	46.61 2.78 0.00	44.57 2.66 0.00	55.13 3.33 0.00	58.87 3.39 0.00	70.89 3.88 0.00	132.00 6.02 0.00	91.86 4.28 0.00	82.25 3.45 0.00	105.48 4.09 0.00	137.63 5.07 0.00	67.39 2.70 0.00	60.52 2.38 0.00	59.79 2.32 0.00
HUDSON AVE_GT_5 23657	58.38 2.73 0.00	51.37 2.46 0.00	52.13 2.29 0.00	51.61 2.23 0.00	52.69 2.22 0.00	61.07 2.83 0.00	109.36 5.36 0.00	201.82 10.06 0.00	52.02 2.48 0.00	45.86 2.50 0.00	48.38 2.79 0.00	46.61 2.78 0.00	44.57 2.66 0.00	55.13 3.33 0.00	58.87 3.39 0.00	70.89 3.88 0.00	132.00 6.02 0.00	91.86 4.28 0.00	82.25 3.45 0.00	105.48 4.09 0.00	137.63 5.07 0.00	67.39 2.70 0.00	60.52 2.38 0.00	59.79 2.32 0.00
HUDSON_AVE_10 24168	58.09 2.45 0.00	51.12 2.21 0.00	51.87 2.02 0.00	51.35 1.96 0.00	52.43 1.95 0.00	60.76 2.52 0.00	108.82 4.81 0.00	200.87 9.11 0.00	51.76 2.22 0.00	45.67 2.31 0.00	48.15 2.56 0.00	46.40 2.58 0.00	44.36 2.44 0.00	54.86 3.06 0.00	58.58 3.11 0.00	70.55 3.54 0.00	131.37 5.38 0.00	91.39 3.80 0.00	81.86 3.06 0.00	105.01 3.61 0.00	136.91 4.35 0.00	67.08 2.38 0.00	60.25 2.11 0.00	59.51 2.04 0.00
HUDSON___115KV_TB 4 355613	58.55 2.91 0.00	51.71 2.80 0.00	52.62 2.77 0.00	52.18 2.80 0.00	53.29 2.82 0.00	61.60 3.36 0.00	110.46 6.45 0.00	203.89 12.13 0.00	52.38 2.84 0.00	45.22 1.87 0.00	47.08 1.49 0.00	45.48 1.65 0.00	43.26 1.35 0.00	53.81 2.01 0.00	57.92 2.44 0.00	70.80 3.78 0.00	133.99 8.00 0.00	93.00 5.42 0.00	83.90 5.10 0.00	107.70 6.30 0.00	140.91 8.36 0.00	68.58 3.89 0.00	61.29 3.16 0.00	60.42 2.95 0.00
HUNTER MOUNT___DRP 323613	58.33 2.69 0.00	51.53 2.62 0.00	52.44 2.59 0.00	51.99 2.61 0.00	53.09 2.62 0.00	61.38 3.14 0.00	110.03 6.03 0.00	203.11 11.35 0.00	52.23 2.70 0.00	45.07 1.71 0.00	46.99 1.40 0.00	45.34 1.51 0.00	43.18 1.27 0.00	53.64 1.84 0.00	57.93 2.45 0.00	70.71 3.70 0.00	133.57 7.59 0.00	92.67 5.08 0.00	83.59 4.80 0.00	107.29 5.89 0.00	140.46 7.90 0.00	68.33 3.63 0.00	61.05 2.91 0.00	60.19 2.71 0.00
HUNTINGTON_RES_REC 323705	58.01 3.34 0.98	51.92 3.02 0.01	52.44 2.60 0.01	51.85 2.47 0.01	53.01 2.55 0.01	60.90 2.76 0.09	105.73 4.75 3.02	196.30 8.84 4.31	50.78 2.02 0.77	45.53 2.18 0.00	48.46 2.88 0.00	45.37 3.15 1.60	42.33 3.00 2.58	54.66 3.60 0.74	57.12 3.47 1.83	69.15 4.38 2.25	128.06 5.64 3.57	88.41 4.10 3.28	79.26 3.28 2.82	100.37 3.77 4.80	133.06 4.73 4.24	67.50 3.13 0.33	61.20 3.19 0.13	61.03 3.57 0.01
HUNTLEY___63 23557	57.31 1.67 0.00	50.39 1.48 0.00	51.60 1.75 0.00	51.16 1.77 0.00	52.09 1.61 0.00	59.01 0.77 0.00	101.97 -2.04 0.00	188.25 -3.52 0.00	49.03 -0.51 0.00	43.88 0.53 0.00	46.59 1.00 0.00	43.99 0.16 0.00	42.15 0.24 0.00	51.83 0.04 0.00	55.15 -0.33 0.00	65.27 -1.74 0.00	119.69 -6.29 0.00	83.54 -4.05 0.00	75.25 -3.55 0.00	96.89 -4.51 0.00	126.41 -6.15 0.00	61.64 -3.06 0.00	56.73 -1.41 0.00	56.71 -0.76 0.00
HUNTLEY___64 23558	57.31 1.67 0.00	50.39 1.48 0.00	51.60 1.75 0.00	51.16 1.77 0.00	52.09 1.61 0.00	59.01 0.77 0.00	101.97 -2.04 0.00	188.25 -3.52 0.00	49.03 -0.51 0.00	43.88 0.53 0.00	46.59 1.00 0.00	43.99 0.16 0.00	42.15 0.24 0.00	51.83 0.04 0.00	55.15 -0.33 0.00	65.27 -1.74 0.00	119.69 -6.29 0.00	83.54 -4.05 0.00	75.25 -3.55 0.00	96.89 -4.51 0.00	126.41 -6.15 0.00	61.64 -3.06 0.00	56.73 -1.41 0.00	56.71 -0.76 0.00
HUNTLEY___65 23559	57.31 1.67 0.00	50.39 1.48 0.00	51.60 1.75 0.00	51.16 1.77 0.00	52.09 1.61 0.00	59.01 0.77 0.00	101.97 -2.04 0.00	188.25 -3.52 0.00	49.03 -0.51 0.00	43.88 0.53 0.00	46.59 1.00 0.00	43.99 0.16 0.00	42.15 0.24 0.00	51.83 0.04 0.00	55.15 -0.33 0.00	65.27 -1.74 0.00	119.69 -6.29 0.00	83.54 -4.05 0.00	75.25 -3.55 0.00	96.89 -4.51 0.00	126.41 -6.15 0.00	61.64 -3.06 0.00	56.73 -1.41 0.00	56.71 -0.76 0.00
HUNTLEY___66 23560	57.31 1.67 0.00	50.39 1.48 0.00	51.60 1.75 0.00	51.16 1.77 0.00	52.09 1.61 0.00	59.01 0.77 0.00	101.97 -2.04 0.00	188.25 -3.52 0.00	49.03 -0.51 0.00	43.88 0.53 0.00	46.59 1.00 0.00	43.99 0.16 0.00	42.15 0.24 0.00	51.83 0.04 0.00	55.15 -0.33 0.00	65.27 -1.74 0.00	119.69 -6.29 0.00	83.54 -4.05 0.00	75.25 -3.55 0.00	96.89 -4.51 0.00	126.41 -6.15 0.00	61.64 -3.06 0.00	56.73 -1.41 0.00	56.71 -0.76 0.00
HUNTLEY___67 23561	56.88 1.24 0.00	50.00 1.10 0.00	51.24 1.39 0.00	50.80 1.42 0.00	51.76 1.29 0.00	58.71 0.46 0.00	101.48 -2.52 0.00	187.39 -4.37 0.00	48.77 -0.77 0.00	43.64 0.29 0.00	46.32 0.73 0.00	43.74 -0.08 0.00	41.95 0.04 0.00	51.64 -0.16 0.00	54.96 -0.51 0.00	65.05 -1.96 0.00	119.38 -6.61 0.00	83.18 -4.41 0.00	74.95 -3.85 0.00	96.56 -4.84 0.00	125.68 -6.88 0.00	61.42 -3.28 0.00	56.43 -1.71 0.00	56.37 -1.10 0.00
HUNTLEY___68 23562	56.88 1.24 0.00	50.00 1.10 0.00	51.24 1.39 0.00	50.80 1.42 0.00	51.76 1.29 0.00	58.71 0.46 0.00	101.48 -2.52 0.00	187.39 -4.37 0.00	48.77 -0.77 0.00	43.64 0.29 0.00	46.32 0.73 0.00	43.74 -0.08 0.00	41.95 0.04 0.00	51.64 -0.16 0.00	54.96 -0.51 0.00	65.05 -1.96 0.00	119.38 -6.61 0.00	83.18 -4.41 0.00	74.95 -3.85 0.00	96.56 -4.84 0.00	125.68 -6.88 0.00	61.42 -3.28 0.00	56.43 -1.71 0.00	56.37 -1.10 0.00

HYLAND___LFGE 323620	59.27 3.62 0.00	51.98 3.07 0.00	53.05 3.21 0.00	52.67 3.29 0.00	53.82 3.34 0.00	61.83 3.59 0.00	109.25 5.25 0.00	203.15 11.38 0.00	52.43 2.90 0.00	45.96 2.61 0.00	47.67 2.08 0.00	45.13 1.31 0.00	42.94 1.03 0.00	52.69 0.89 0.00	54.96 -0.52 0.00	65.14 -1.88 0.00	124.81 -1.18 0.00	88.00 0.41 0.00	79.47 0.67 0.00	102.60 1.21 0.00	133.20 0.64 0.00	65.33 0.23 -0.41	60.51 2.00 -0.37	60.33 2.86 0.00
INDECK___CORINTH 23802	59.30 3.66 0.00	52.22 3.31 0.00	53.00 3.15 0.00	52.55 3.16 0.00	53.75 3.28 0.00	62.46 4.22 0.00	111.49 7.49 0.00	204.94 13.17 0.00	53.17 3.63 0.00	45.59 2.24 0.00	47.89 2.30 0.00	46.05 2.23 0.00	44.06 2.15 0.00	54.75 2.95 0.00	58.99 3.51 0.00	71.70 4.68 0.00	135.10 9.11 0.00	93.15 5.57 0.00	84.38 5.58 0.00	108.14 6.74 0.00	142.44 9.88 0.00	69.17 4.48 0.00	61.68 3.55 0.00	60.91 3.44 0.00
INDECK___ILION 23567	57.04 1.40 0.00	50.28 1.37 0.00	51.20 1.35 0.00	50.73 1.34 0.00	51.85 1.38 0.00	59.95 1.71 0.00	107.46 3.46 0.00	198.26 6.50 0.00	51.11 1.57 0.00	44.21 0.86 0.00	46.38 0.78 0.00	44.69 0.87 0.00	42.82 0.91 0.00	53.11 1.31 0.00	57.21 1.73 0.00	69.48 2.47 0.00	130.80 4.81 0.00	90.78 3.20 0.00	81.79 3.00 0.00	105.09 3.69 0.00	137.57 5.01 0.00	67.04 2.34 0.00	60.06 1.93 0.00	59.32 1.84 0.00
INDECK___OLEAN 23982	54.77 1.63 2.50	47.16 1.45 3.21	45.44 1.61 6.02	47.77 1.69 3.30	49.98 1.70 2.18	58.29 1.23 1.19	102.83 -1.17 0.00	190.45 -1.31 0.00	47.81 -0.42 1.31	42.64 0.71 1.43	35.28 1.56 11.87	44.55 0.73 0.00	42.58 0.89 0.23	50.36 0.89 2.33	55.37 0.77 0.87	65.75 -0.86 0.40	121.10 -4.89 0.00	84.59 -3.00 0.00	75.00 -2.77 1.03	95.74 -2.70 2.95	122.30 -4.47 5.79	59.07 -2.12 3.51	54.03 -0.89 3.22	57.25 -0.22 0.00
INDECK___OSWEGO 23783	54.27 -1.38 0.00	47.73 -1.18 0.00	48.71 -1.14 0.00	48.26 -1.13 0.00	49.31 -1.16 0.00	56.86 -1.38 0.00	101.49 -2.52 0.00	187.43 -4.33 0.00	48.37 -1.17 0.00	42.31 -1.05 0.00	44.45 -1.15 0.00	42.66 -1.16 0.00	40.79 -1.13 0.00	50.44 -1.36 0.00	54.00 -1.47 0.00	64.96 -2.05 0.00	121.95 -4.03 0.00	84.86 -2.72 0.00	76.36 -2.44 0.00	98.44 -2.96 0.00	128.72 -3.84 0.00	62.96 -1.73 0.00	56.58 -1.56 0.00	55.88 -1.60 0.00
INDECK___YERKES 23781	55.55 1.71 1.80	48.11 1.52 2.31	47.31 1.80 4.34	48.82 1.82 2.38	50.56 1.66 1.58	58.21 0.82 0.85	102.01 -2.00 0.00	188.45 -3.31 0.00	48.15 -0.44 0.95	42.89 0.57 1.03	38.02 1.02 8.59	44.03 0.20 0.00	42.02 0.27 0.16	50.21 0.09 1.68	54.56 -0.29 0.63	65.04 -1.68 0.30	119.76 -6.22 0.00	83.61 -3.98 0.00	74.56 -3.52 0.72	94.92 -4.41 2.07	122.26 -6.24 4.06	59.27 -2.99 2.43	54.56 -1.35 2.23	56.72 -0.75 0.00
INDIAN POINT_GT_1 24139	57.95 2.31 0.00	50.98 2.07 0.00	51.78 1.93 0.00	51.29 1.90 0.00	52.38 1.91 0.00	60.67 2.43 0.00	108.59 4.58 0.00	200.37 8.60 0.00	51.55 2.01 0.00	45.34 1.99 0.00	47.82 2.22 0.00	46.06 2.24 0.00	44.04 2.13 0.00	54.49 2.69 0.00	58.23 2.75 0.00	70.26 3.25 0.00	131.07 5.09 0.00	91.21 3.62 0.00	81.72 2.93 0.00	104.90 3.50 0.00	136.90 4.34 0.00	67.00 2.31 0.00	60.15 2.01 0.00	59.42 1.95 0.00
INDIAN POINT_GT_2 23659	57.95 2.31 0.00	50.98 2.07 0.00	51.78 1.93 0.00	51.29 1.90 0.00	52.38 1.91 0.00	60.67 2.43 0.00	108.59 4.58 0.00	200.37 8.60 0.00	51.55 2.01 0.00	45.34 1.99 0.00	47.82 2.22 0.00	46.06 2.24 0.00	44.04 2.13 0.00	54.49 2.69 0.00	58.23 2.75 0.00	70.26 3.25 0.00	131.07 5.09 0.00	91.21 3.62 0.00	81.72 2.93 0.00	104.90 3.50 0.00	136.90 4.34 0.00	67.00 2.31 0.00	60.15 2.01 0.00	59.42 1.95 0.00
INDIAN POINT_GT_3 24019	57.95 2.31 0.00	50.98 2.07 0.00	51.78 1.93 0.00	51.29 1.90 0.00	52.38 1.91 0.00	60.67 2.43 0.00	108.59 4.58 0.00	200.37 8.60 0.00	51.55 2.01 0.00	45.34 1.99 0.00	47.82 2.22 0.00	46.06 2.24 0.00	44.04 2.13 0.00	54.49 2.69 0.00	58.23 2.75 0.00	70.26 3.25 0.00	131.07 5.09 0.00	91.21 3.62 0.00	81.72 2.93 0.00	104.90 3.50 0.00	136.90 4.34 0.00	67.00 2.31 0.00	60.15 2.01 0.00	59.42 1.95 0.00
INDIAN POINT___2 23530	57.94 2.30 0.00	50.97 2.06 0.00	51.76 1.91 0.00	51.27 1.88 0.00	52.38 1.91 0.00	60.65 2.41 0.00	108.57 4.57 0.00	200.35 8.59 0.00	51.51 1.97 0.00	45.32 1.97 0.00	47.80 2.21 0.00	46.05 2.22 0.00	44.02 2.11 0.00	54.47 2.67 0.00	58.19 2.71 0.00	70.23 3.21 0.00	131.04 5.06 0.00	91.17 3.58 0.00	81.67 2.87 0.00	104.86 3.46 0.00	136.88 4.32 0.00	66.98 2.28 0.00	60.12 1.99 0.00	59.40 1.93 0.00
INDIAN POINT___3 23531	57.91 2.27 0.00	50.97 2.06 0.00	51.76 1.91 0.00	51.27 1.88 0.00	52.37 1.90 0.00	60.64 2.40 0.00	108.56 4.55 0.00	200.28 8.52 0.00	51.52 1.98 0.00	45.32 1.96 0.00	47.80 2.20 0.00	46.04 2.22 0.00	44.02 2.10 0.00	54.46 2.66 0.00	58.19 2.72 0.00	70.21 3.19 0.00	131.03 5.04 0.00	91.13 3.54 0.00	81.67 2.87 0.00	104.83 3.43 0.00	136.85 4.29 0.00	66.98 2.28 0.00	60.12 1.99 0.00	59.40 1.93 0.00
INGHAM_C_115KV_TB7 356103	58.85 3.20 0.00	51.94 3.03 0.00	52.83 2.99 0.00	52.37 2.98 0.00	53.54 3.07 0.00	62.04 3.81 0.00	111.65 7.65 0.00	206.01 14.25 0.00	52.96 3.42 0.00	45.20 1.84 0.00	47.29 1.70 0.00	45.68 1.85 0.00	43.83 1.91 0.00	54.62 2.82 0.00	59.15 3.67 0.00	72.14 5.13 0.00	136.21 10.22 0.00	94.36 6.77 0.00	85.15 6.35 0.00	109.25 7.86 0.00	143.24 10.68 0.00	69.80 5.10 0.00	62.37 4.24 0.00	61.52 4.05 0.00
IP CORINTH___1 23988	59.30 3.65 0.00	52.22 3.30 0.00	53.00 3.15 0.00	52.55 3.16 0.00	53.75 3.28 0.00	62.46 4.22 0.00	111.49 7.49 0.00	204.93 13.17 0.00	53.17 3.63 0.00	45.60 2.24 0.00	47.89 2.30 0.00	46.05 2.23 0.00	44.07 2.15 0.00	54.75 2.95 0.00	58.99 3.51 0.00	71.70 4.68 0.00	135.10 9.12 0.00	93.15 5.57 0.00	84.38 5.58 0.00	108.14 6.74 0.00	142.49 9.93 0.00	69.17 4.48 0.00	61.68 3.55 0.00	60.91 3.45 0.00
IP___TICONDEROGA 23804	62.08 6.44 0.00	54.72 5.81 0.00	55.14 5.29 0.00	54.39 5.01 0.00	55.77 5.30 0.00	65.53 7.29 0.00	116.22 12.22 0.00	212.86 21.09 0.00	55.89 6.35 0.00	46.74 3.38 0.00	49.38 3.79 0.00	47.41 3.59 0.00	45.38 3.47 0.00	56.74 4.94 0.00	61.43 5.95 0.00	75.31 8.30 0.00	143.12 17.13 0.00	97.22 9.63 0.00	89.24 10.44 0.00	113.84 12.44 0.00	150.66 18.10 0.00	72.55 7.85 0.00	64.05 5.91 0.00	63.39 5.93 0.00
ISLIP_RES_REC 323679	62.46 4.03 -2.79	52.46 3.55 0.01	52.99 3.15 0.01	52.39 3.01 0.01	53.58 3.11 0.01	62.07 3.47 -0.36	121.62 6.14 -11.47	219.54 11.40 -16.37	55.13 2.64 -2.95	46.01 2.65 0.00	48.89 3.30 0.00	45.76 3.51 1.57	42.69 3.30 2.53	55.14 4.06 0.72	66.53 4.12 -6.94	80.78 5.26 -8.51	146.83 7.31 -13.54	105.22 5.19 -12.44	93.72 4.20 -10.72	124.61 4.98 -18.23	154.87 6.22 -16.09	69.87 3.92 -1.26	62.52 3.92 -0.46	61.63 4.17 0.01

JAMAICA__27_KV_LOAD 355505	58.29 2.65 0.00	51.23 2.33 0.00	51.96 2.11 0.00	51.43 2.04 0.00	52.49 2.02 0.00	60.87 2.63 0.00	109.00 5.00 0.00	201.48 9.72 0.00	51.91 2.38 0.00	45.87 2.51 0.00	48.29 2.69 0.00	46.63 2.81 0.00	44.50 2.59 0.00	55.04 3.24 0.00	58.85 3.37 0.00	70.85 3.84 0.00	131.83 5.84 0.00	91.66 4.08 0.00	82.13 3.33 0.00	105.34 3.94 0.00	137.31 4.75 0.00	67.39 2.70 0.00	60.48 2.35 0.00	59.70 2.23 0.00
JANIS__SOLAR 323808	58.80 2.28 -0.88	51.99 1.95 -1.13	54.17 2.19 -2.13	52.76 2.21 -1.17	53.50 2.26 -0.77	61.35 2.69 -0.42	109.15 5.14 0.00	202.24 10.47 0.00	52.61 2.59 -0.47	46.19 2.32 -0.52	52.39 2.49 -4.30	45.82 1.99 0.00	43.86 1.86 -0.08	54.43 1.81 -0.82	57.54 1.75 -0.31	69.22 2.07 -0.13	131.78 5.79 0.00	92.47 4.89 0.00	83.58 4.45 -0.32	108.26 5.94 -0.92	141.84 7.47 -1.81	69.37 3.50 -1.17	62.29 3.08 -1.08	60.28 2.81 0.00
JARVIS____ 23743	55.83 0.18 0.00	49.16 0.24 0.00	50.10 0.25 0.00	49.63 0.25 0.00	50.72 0.25 0.00	58.52 0.28 0.00	104.47 0.46 0.00	192.56 0.79 0.00	49.74 0.20 0.00	43.46 0.11 0.00	45.69 0.10 0.00	43.96 0.13 0.00	42.05 0.13 0.00	51.99 0.20 0.00	55.75 0.27 0.00	67.45 0.44 0.00	126.65 0.66 0.00	87.96 0.37 0.00	79.15 0.35 0.00	101.81 0.41 0.00	133.22 0.67 0.00	64.93 0.24 0.00	58.31 0.17 0.00	57.65 0.18 0.00
JENNISON____1 23625	57.07 1.43 0.00	50.27 1.36 0.00	51.47 1.62 0.00	51.12 1.73 0.00	52.18 1.71 0.00	60.34 2.10 0.00	108.31 4.31 0.00	200.50 8.73 0.00	51.69 2.15 0.00	45.38 2.03 0.00	48.01 2.42 0.00	45.80 1.98 0.00	43.70 1.79 0.00	54.02 2.22 0.00	58.26 2.78 0.00	70.50 3.49 0.00	133.12 7.13 0.00	92.99 5.40 0.00	83.54 4.74 0.00	107.73 6.33 0.00	140.71 8.15 0.00	68.43 3.74 0.00	61.33 3.19 0.00	60.38 2.91 0.00
JENNISON____2 23626	57.07 1.43 0.00	50.27 1.36 0.00	51.47 1.62 0.00	51.12 1.73 0.00	52.18 1.71 0.00	60.34 2.10 0.00	108.31 4.31 0.00	200.50 8.73 0.00	51.69 2.15 0.00	45.38 2.03 0.00	48.01 2.42 0.00	45.80 1.98 0.00	43.70 1.79 0.00	54.02 2.22 0.00	58.26 2.78 0.00	70.50 3.49 0.00	133.12 7.13 0.00	92.99 5.40 0.00	83.54 4.74 0.00	107.73 6.33 0.00	140.71 8.15 0.00	68.43 3.74 0.00	61.33 3.19 0.00	60.38 2.91 0.00
JERICOHO_RISE_WT_PWR 323719	54.56 -1.08 0.00	47.61 -1.29 0.00	48.54 -1.31 0.00	48.08 -1.31 0.00	49.46 -1.01 0.00	57.42 -0.82 0.00	103.30 -0.70 0.00	191.41 -0.36 0.00	49.63 0.09 0.00	43.42 0.06 0.00	45.69 0.10 0.00	43.97 0.15 0.00	42.03 0.12 0.00	51.97 0.17 0.00	55.67 0.19 0.00	67.29 0.28 0.00	127.78 1.80 0.00	89.45 1.86 0.00	80.72 1.92 0.00	103.48 2.08 0.00	135.19 2.64 0.00	65.90 1.20 0.00	59.32 1.18 0.00	58.80 1.33 0.00
KATONAH__115KV_46KV_TB4 355592	58.23 2.59 0.00	51.23 2.32 0.00	52.06 2.21 0.00	51.55 2.17 0.00	52.64 2.17 0.00	60.97 2.73 0.00	109.20 5.20 0.00	201.50 9.74 0.00	51.86 2.33 0.00	45.60 2.24 0.00	48.08 2.48 0.00	46.29 2.47 0.00	44.28 2.37 0.00	54.77 2.98 0.00	58.53 3.05 0.00	70.62 3.60 0.00	131.83 5.84 0.00	91.74 4.16 0.00	82.23 3.43 0.00	105.54 4.15 0.00	137.75 5.20 0.00	67.40 2.71 0.00	60.49 2.35 0.00	59.74 2.27 0.00
KCE_NY_1 323755	58.37 2.73 0.00	51.45 2.54 0.00	52.32 2.48 0.00	51.80 2.41 0.00	52.99 2.52 0.00	61.36 3.12 0.00	109.70 5.70 0.00	201.46 9.69 0.00	52.16 2.62 0.00	45.05 1.69 0.00	47.20 1.61 0.00	45.43 1.61 0.00	43.52 1.61 0.00	54.05 2.25 0.00	58.17 2.69 0.00	70.57 3.56 0.00	132.70 6.71 0.00	91.77 4.19 0.00	82.84 4.04 0.00	106.26 4.87 0.00	139.58 7.02 0.00	67.98 3.28 0.00	60.70 2.56 0.00	59.98 2.51 0.00
KCE_NY_6_ESR 323823	55.34 1.68 1.98	47.83 1.47 2.54	46.82 1.74 4.78	48.54 1.77 2.62	50.39 1.65 1.73	58.37 1.07 0.94	102.66 -1.35 0.00	189.76 -2.00 0.00	48.36 -0.14 1.04	43.05 0.83 1.14	37.48 1.34 9.45	44.30 0.48 0.00	42.30 0.56 0.18	50.42 0.47 1.85	54.98 0.20 0.69	65.56 -1.13 0.32	121.15 -4.83 0.00	84.53 -3.06 0.00	75.34 -2.65 0.80	95.94 -3.16 2.30	123.17 -4.88 4.50	59.67 -2.31 2.71	54.71 -0.94 2.49	57.05 -0.42 0.00
KEDC_PORT_JEFF_GT2 24210	61.99 3.64 -2.71	52.16 3.25 0.01	52.68 2.83 0.01	52.08 2.70 0.01	53.21 2.75 0.01	61.58 2.98 -0.35	120.30 5.03 -11.26	217.22 9.39 -16.06	54.57 2.15 -2.89	45.66 2.31 0.00	48.60 3.01 0.00	45.42 3.26 1.67	42.30 3.08 2.70	54.61 3.58 0.77	65.93 3.65 -6.81	79.94 4.58 -8.35	145.07 5.80 -13.28	103.74 3.95 -12.21	92.46 3.14 -10.52	122.91 3.63 -17.89	152.89 4.55 -15.79	69.21 3.28 -1.23	62.05 3.45 -0.46	61.24 3.78 0.01
KEDC_PORT_JEFF_GT3 24211	61.99 3.64 -2.71	52.16 3.25 0.01	52.68 2.83 0.01	52.08 2.70 0.01	53.21 2.75 0.01	61.58 2.98 -0.35	120.30 5.03 -11.26	217.22 9.39 -16.06	54.57 2.15 -2.89	45.66 2.31 0.00	48.60 3.01 0.00	45.42 3.26 1.67	42.30 3.08 2.70	54.61 3.58 0.77	65.93 3.65 -6.81	79.94 4.58 -8.35	145.07 5.80 -13.28	103.74 3.95 -12.21	92.46 3.14 -10.52	122.91 3.63 -17.89	152.89 4.55 -15.79	69.21 3.28 -1.23	62.05 3.45 -0.46	61.24 3.78 0.01
KEDC_GLWD_GT4 24219	58.83 3.05 -0.14	51.63 2.72 0.00	52.30 2.45 0.00	51.76 2.37 0.00	52.91 2.44 0.00	61.11 2.86 0.00	109.31 5.31 0.00	201.70 9.94 0.00	51.91 2.38 0.00	45.74 2.39 0.00	48.40 2.80 0.00	48.01 2.95 -1.23	46.72 2.81 -1.99	55.88 3.51 -0.57	59.03 3.55 0.00	71.20 4.19 0.00	132.14 6.15 0.00	92.05 4.47 0.00	82.41 3.61 0.00	105.70 4.31 0.00	137.98 5.41 0.00	67.71 3.01 0.00	60.92 2.78 0.00	60.33 2.86 0.00
KEDC_GLWD_GT5 24220	58.83 3.05 -0.14	51.63 2.72 0.00	52.30 2.45 0.00	51.76 2.37 0.00	52.91 2.44 0.00	61.11 2.86 0.00	109.31 5.31 0.00	201.70 9.94 0.00	51.91 2.38 0.00	45.74 2.39 0.00	48.40 2.80 0.00	48.01 2.95 -1.23	46.72 2.81 -1.99	55.88 3.51 -0.57	59.03 3.55 0.00	71.20 4.19 0.00	132.14 6.15 0.00	92.05 4.47 0.00	82.41 3.61 0.00	105.70 4.31 0.00	137.98 5.41 0.00	67.71 3.01 0.00	60.92 2.78 0.00	60.33 2.86 0.00
KENSICO____ 23655	58.07 2.42 0.00	51.09 2.18 0.00	51.90 2.05 0.00	51.40 2.02 0.00	52.48 2.01 0.00	60.79 2.55 0.00	108.79 4.79 0.00	200.75 8.99 0.00	51.68 2.14 0.00	45.46 2.10 0.00	47.96 2.37 0.00	46.19 2.37 0.00	44.17 2.26 0.00	54.64 2.84 0.00	58.38 2.90 0.00	70.43 3.42 0.00	131.35 5.36 0.00	91.35 3.77 0.00	81.87 3.07 0.00	105.06 3.66 0.00	137.15 4.59 0.00	67.13 2.43 0.00	60.26 2.13 0.00	59.55 2.07 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	58.67 3.03 0.00	51.58 2.67 0.00	52.45 2.61 0.00	51.95 2.56 0.00	53.09 2.62 0.00	61.51 3.27 0.00	110.18 6.18 0.00	203.50 11.73 0.00	52.29 2.75 0.00	45.90 2.54 0.00	48.38 2.79 0.00	46.56 2.73 0.00	44.35 2.43 0.00	54.41 2.61 0.00	58.24 2.77 0.00	70.28 3.27 0.00	132.09 6.11 0.00	92.07 4.48 0.00	82.62 3.82 0.00	106.15 4.75 0.00	138.61 6.05 0.00	68.23 3.54 0.00	61.18 3.05 0.00	60.36 2.89 0.00

KIAC_JFK_GT1 23816	57.93 2.29 0.00	50.94 2.03 0.00	51.65 1.80 0.00	51.13 1.74 0.00	52.18 1.72 0.00	60.44 2.20 0.00	107.90 3.90 0.00	199.37 7.61 0.00	51.39 1.85 0.00	45.57 2.21 0.00	48.00 2.41 0.00	46.35 2.53 0.00	44.25 2.33 0.00	54.72 2.92 0.00	58.49 3.01 0.00	70.32 3.31 0.00	130.47 4.48 0.00	90.71 3.12 0.00	81.27 2.47 0.00	104.24 2.85 0.00	135.88 3.32 0.00	66.97 2.27 0.00	60.10 1.97 0.00	59.35 1.88 0.00
KIAC_JFK_GT2 23817	57.93 2.29 0.00	50.94 2.03 0.00	51.65 1.80 0.00	51.13 1.74 0.00	52.18 1.72 0.00	60.44 2.20 0.00	107.90 3.90 0.00	199.37 7.61 0.00	51.39 1.85 0.00	45.57 2.21 0.00	48.00 2.41 0.00	46.35 2.53 0.00	44.25 2.33 0.00	54.72 2.92 0.00	58.49 3.01 0.00	70.32 3.31 0.00	130.47 4.48 0.00	90.71 3.12 0.00	81.27 2.47 0.00	104.24 2.85 0.00	135.88 3.32 0.00	66.97 2.27 0.00	60.10 1.97 0.00	59.35 1.88 0.00
KIAC_JFK____ 323774	57.94 2.29 0.00	50.94 2.03 0.00	51.65 1.80 0.00	51.12 1.74 0.00	52.19 1.72 0.00	60.44 2.20 0.00	107.91 3.90 0.00	199.37 7.61 0.00	51.38 1.85 0.00	45.57 2.22 0.00	48.00 2.41 0.00	46.36 2.53 0.00	44.25 2.33 0.00	54.72 2.92 0.00	58.48 3.00 0.00	70.33 3.32 0.00	130.46 4.48 0.00	90.70 3.12 0.00	81.27 2.48 0.00	104.24 2.85 0.00	135.88 3.32 0.00	66.97 2.27 0.00	60.10 1.96 0.00	59.35 1.88 0.00
KINTIGH__24_KV_GSU 356498	55.02 0.88 1.51	47.77 0.80 1.94	47.25 1.04 3.64	48.45 1.06 2.00	50.10 0.95 1.32	57.73 0.20 0.72	101.52 -2.48 0.00	187.44 -4.33 0.00	47.91 -0.84 0.79	42.58 0.09 0.86	38.84 0.43 7.18	43.64 -0.19 0.00	41.66 -0.12 0.14	50.05 -0.34 1.41	54.27 -0.68 0.53	64.79 -1.97 0.25	119.64 -6.34 0.00	83.40 -4.19 0.00	74.50 -3.70 0.60	95.00 -4.68 1.72	122.51 -6.68 3.37	59.55 -3.15 2.00	54.55 -1.75 1.84	56.20 -1.27 0.00
KINTIGH____ 23543	56.51 0.86 0.00	49.68 0.78 0.00	50.87 1.02 0.00	50.42 1.03 0.00	51.39 0.92 0.00	58.40 0.16 0.00	101.46 -2.55 0.00	187.28 -4.48 0.00	48.64 -0.90 0.00	43.41 0.05 0.00	46.00 0.41 0.00	43.61 -0.21 0.00	41.78 -0.14 0.00	51.43 -0.37 0.00	54.76 -0.71 0.00	64.99 -2.02 0.00	119.59 -6.39 0.00	83.33 -4.25 0.00	75.03 -3.77 0.00	96.63 -4.77 0.00	125.81 -6.75 0.00	61.50 -3.19 0.00	56.34 -1.80 0.00	56.19 -1.28 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	55.25 -0.40 0.00	48.22 -0.69 0.00	49.13 -0.72 0.00	48.67 -0.72 0.00	50.08 -0.39 0.00	58.18 -0.05 0.00	104.79 0.79 0.00	194.27 2.51 0.00	50.27 0.73 0.00	43.87 0.51 0.00	46.10 0.51 0.00	44.34 0.51 0.00	42.42 0.50 0.00	52.53 0.73 0.00	56.28 0.81 0.00	68.16 1.14 0.00	129.54 3.56 0.00	90.85 3.27 0.00	82.20 3.40 0.00	105.01 3.61 0.00	137.35 4.80 0.00	66.84 2.15 0.00	60.12 1.98 0.00	59.54 2.07 0.00
LACHUTE____HYDRO 323717	62.08 6.44 0.00	54.71 5.80 0.00	55.14 5.29 0.00	54.39 5.01 0.00	55.77 5.30 0.00	65.54 7.29 0.00	116.22 12.22 0.00	212.85 21.08 0.00	55.89 6.35 0.00	46.74 3.38 0.00	49.38 3.79 0.00	47.41 3.59 0.00	45.38 3.47 0.00	56.74 4.94 0.00	61.43 5.95 0.00	75.31 8.30 0.00	143.11 17.13 0.00	97.22 9.63 0.00	89.24 10.44 0.00	113.84 12.44 0.00	150.65 18.09 0.00	72.55 7.86 0.00	64.05 5.91 0.00	63.40 5.93 0.00
LAWRNCV_115KV_TB1 80681	55.94 0.30 0.00	48.86 -0.05 0.00	49.80 -0.05 0.00	49.30 -0.09 0.00	50.56 0.09 0.00	58.51 0.27 0.00	104.54 0.53 0.00	193.17 1.41 0.00	50.03 0.49 0.00	43.73 0.37 0.00	45.96 0.37 0.00	44.14 0.31 0.00	42.04 0.12 0.00	52.04 0.24 0.00	55.69 0.21 0.00	67.31 0.29 0.00	127.44 1.45 0.00	88.76 1.18 0.00	80.38 1.58 0.00	103.83 2.43 0.00	135.63 3.07 0.00	66.21 1.52 0.00	59.74 1.60 0.00	59.21 1.74 0.00
LEDERLE____ 23769	58.28 2.64 0.00	51.26 2.35 0.00	52.05 2.20 0.00	51.56 2.17 0.00	52.67 2.20 0.00	61.02 2.78 0.00	109.27 5.27 0.00	201.72 9.96 0.00	51.85 2.31 0.00	45.60 2.24 0.00	48.11 2.52 0.00	46.35 2.52 0.00	44.30 2.38 0.00	54.84 3.04 0.00	58.59 3.12 0.00	70.72 3.71 0.00	131.97 5.99 0.00	91.87 4.28 0.00	82.29 3.49 0.00	105.63 4.23 0.00	137.83 5.27 0.00	67.44 2.75 0.00	60.52 2.38 0.00	59.75 2.28 0.00
LIGHTHSE_115KV_TB6 355974	54.45 -1.19 0.00	47.90 -1.01 0.00	48.99 -0.86 0.00	48.53 -0.86 0.00	49.64 -0.83 0.00	57.45 -0.79 0.00	102.79 -1.21 0.00	190.07 -1.70 0.00	48.81 -0.73 0.00	42.39 -0.97 0.00	44.29 -1.30 0.00	42.49 -1.33 0.00	40.62 -1.30 0.00	50.45 -1.35 0.00	54.34 -1.13 0.00	65.44 -1.57 0.00	123.56 -2.43 0.00	86.21 -1.38 0.00	77.49 -1.31 0.00	99.96 -1.43 0.00	130.75 -1.81 0.00	63.91 -0.79 0.00	57.41 -0.73 0.00	56.69 -0.79 0.00
LINDEN COGEN____ 23786	58.03 2.39 0.00	51.07 2.16 0.00	51.83 1.98 0.00	51.32 1.93 0.00	52.39 1.91 0.00	60.72 2.48 0.00	108.76 4.76 0.00	200.70 8.93 0.00	51.64 2.10 0.00	45.55 2.19 0.00	48.05 2.46 0.00	46.30 2.47 0.00	44.28 2.36 0.00	54.78 2.97 0.00	58.48 3.00 0.00	70.41 3.41 0.00	131.21 5.22 0.00	91.28 3.69 0.00	81.72 2.92 0.00	104.81 3.41 0.00	136.75 4.20 0.00	66.98 2.28 0.00	60.13 1.99 0.00	59.42 1.95 0.00
LINDHRST_69_KV_BK1 356055	60.57 4.02 -0.90	52.49 3.58 0.00	53.04 3.19 0.00	52.42 3.03 0.00	53.61 3.15 0.00	61.85 3.52 -0.09	113.07 6.27 -2.80	207.56 11.81 -3.99	53.13 2.88 -0.72	46.13 2.78 0.00	48.97 3.37 0.00	47.43 3.61 0.00	45.39 3.47 0.00	56.10 4.30 0.00	61.61 4.43 -1.69	74.52 5.43 -2.08	137.06 7.77 -3.30	96.30 5.68 -3.04	86.09 4.67 -2.62	111.39 5.55 -4.45	143.52 7.04 -3.93	69.21 4.20 -0.31	62.27 4.01 -0.11	61.65 4.18 0.00
LIPA_MISC_IPP 23656	62.88 3.83 -3.41	52.33 3.43 0.01	52.86 3.02 0.01	52.25 2.87 0.01	53.46 2.99 0.01	62.04 3.36 -0.44	123.89 5.92 -13.96	222.63 10.95 -19.92	55.58 2.46 -3.58	45.80 2.44 0.00	48.65 3.05 0.00	45.40 3.29 1.72	42.25 3.10 2.77	54.79 3.78 0.79	67.75 3.83 -8.45	82.37 5.00 -10.35	149.18 6.72 -16.47	107.40 4.68 -15.14	95.66 3.82 -13.04	128.11 4.53 -22.18	157.80 5.67 -19.58	69.85 3.63 -1.53	62.42 3.71 -0.57	61.45 3.99 0.01
LISF____SOLAR 323691	62.89 3.96 -3.28	52.42 3.51 0.01	52.95 3.11 0.01	52.35 2.97 0.01	53.54 3.08 0.01	62.14 3.47 -0.42	123.63 6.13 -13.49	222.31 11.31 -19.24	55.52 2.52 -3.46	45.84 2.48 0.00	48.65 3.06 0.00	45.43 3.30 1.70	42.29 3.11 2.74	54.83 3.81 0.78	67.51 3.88 -8.16	82.12 5.11 -10.00	148.86 6.97 -15.91	107.08 4.88 -14.62	95.40 4.00 -12.60	127.60 4.78 -21.42	157.50 6.03 -18.91	69.95 3.78 -1.48	62.54 3.85 -0.55	61.57 4.11 0.01
LITTLE FALLS____HYD 24013	58.85 3.20 0.00	51.94 3.03 0.00	52.83 2.99 0.00	52.37 2.98 0.00	53.54 3.07 0.00	62.04 3.81 0.00	111.65 7.65 0.00	206.01 14.25 0.00	52.96 3.42 0.00	45.20 1.84 0.00	47.29 1.70 0.00	45.68 1.85 0.00	43.83 1.91 0.00	54.62 2.82 0.00	59.15 3.67 0.00	72.14 5.13 0.00	136.21 10.22 0.00	94.36 6.77 0.00	85.15 6.35 0.00	109.25 7.86 0.00	143.24 10.68 0.00	69.80 5.10 0.00	62.37 4.24 0.00	61.52 4.05 0.00

LITTLRIV_115KV_TB1 356100	56.56 0.91 0.00	49.33 0.43 0.00	50.30 0.45 0.00	49.80 0.41 0.00	51.10 0.63 0.00	59.12 0.88 0.00	105.72 1.72 0.00	195.43 3.67 0.00	50.64 1.10 0.00	44.21 0.86 0.00	46.41 0.82 0.00	44.51 0.68 0.00	42.26 0.35 0.00	52.22 0.42 0.00	55.80 0.32 0.00	67.51 0.50 0.00	128.65 2.67 0.00	89.84 2.25 0.00	81.25 2.45 0.00	105.16 3.76 0.00	137.34 4.78 0.00	67.01 2.32 0.00	60.38 2.25 0.00	59.89 2.42 0.00
LI_NEWBRDGE___DRP 323616	58.47 3.08 0.25	51.64 2.75 0.01	52.19 2.34 0.01	51.60 2.22 0.01	52.77 2.30 0.01	60.74 2.50 0.00	108.48 4.48 0.00	200.20 8.43 0.00	51.48 1.94 0.00	45.43 2.08 0.00	48.22 2.63 0.00	44.56 2.98 2.24	41.14 2.84 3.62	54.24 3.47 1.03	58.85 3.38 0.01	71.08 4.07 0.01	131.23 5.24 0.00	91.51 3.93 0.00	81.87 3.07 0.00	104.95 3.55 0.00	137.01 4.45 0.00	67.51 2.82 0.00	60.94 2.81 0.01	60.55 3.09 0.01
LOCKPORT_115KV_TB60_63_64 80432	57.11 1.47 0.00	49.98 1.07 0.00	51.19 1.34 0.00	50.75 1.37 0.00	51.72 1.25 0.00	58.67 0.43 0.00	101.40 -2.61 0.00	187.09 -4.67 0.00	48.72 -0.81 0.00	43.59 0.24 0.00	46.22 0.62 0.00	43.68 -0.15 0.00	41.81 -0.10 0.00	51.35 -0.45 0.00	54.68 -0.80 0.00	64.91 -2.10 0.00	119.21 -6.78 0.00	83.15 -4.44 0.00	74.91 -3.89 0.00	96.38 -5.02 0.00	125.41 -7.15 0.00	61.26 -3.43 0.00	56.37 -1.77 0.00	56.47 -1.00 0.00
LOCKPORT___CC1 323769	55.45 1.40 1.59	47.93 1.06 2.04	47.36 1.34 3.83	48.66 1.38 2.10	50.33 1.25 1.39	57.89 0.41 0.75	101.30 -2.71 0.00	187.06 -4.70 0.00	47.88 -0.82 0.84	42.66 0.22 0.91	38.59 0.59 7.60	43.65 -0.17 0.00	41.67 -0.10 0.14	49.89 -0.43 1.48	54.13 -0.79 0.55	64.64 -2.12 0.26	119.14 -6.85 0.00	83.10 -4.48 0.00	74.22 -3.94 0.64	94.55 -5.02 1.83	121.82 -7.16 3.58	59.12 -3.44 2.14	54.40 -1.78 1.96	56.38 -1.09 0.00
LOCKPORT___CC2 323770	55.45 1.40 1.59	47.93 1.06 2.04	47.36 1.34 3.83	48.66 1.38 2.10	50.33 1.25 1.39	57.89 0.41 0.75	101.30 -2.71 0.00	187.06 -4.70 0.00	47.88 -0.82 0.84	42.66 0.22 0.91	38.59 0.59 7.60	43.65 -0.17 0.00	41.67 -0.10 0.14	49.89 -0.43 1.48	54.13 -0.79 0.55	64.64 -2.12 0.26	119.14 -6.85 0.00	83.10 -4.48 0.00	74.22 -3.94 0.64	94.55 -5.02 1.83	121.82 -7.16 3.58	59.12 -3.44 2.14	54.40 -1.78 1.96	56.38 -1.09 0.00
LOCKPORT___CC3 323771	55.45 1.40 1.59	47.93 1.06 2.04	47.36 1.34 3.83	48.66 1.38 2.10	50.33 1.25 1.39	57.89 0.41 0.75	101.30 -2.71 0.00	187.06 -4.70 0.00	47.88 -0.82 0.84	42.66 0.22 0.91	38.59 0.59 7.60	43.65 -0.17 0.00	41.67 -0.10 0.14	49.89 -0.43 1.48	54.13 -0.79 0.55	64.64 -2.12 0.26	119.14 -6.85 0.00	83.10 -4.48 0.00	74.22 -3.94 0.64	94.55 -5.02 1.83	121.82 -7.16 3.58	59.12 -3.44 2.14	54.40 -1.78 1.96	56.38 -1.09 0.00
LOCUSVLY_69_KV_BK2 55797	58.31 3.33 0.66	51.91 3.00 0.00	52.50 2.65 0.00	51.92 2.53 0.00	53.10 2.62 0.00	61.15 3.00 0.09	106.56 5.45 2.90	197.84 10.20 4.13	51.19 2.40 0.74	45.82 2.47 0.00	48.59 2.99 0.00	47.59 3.18 -0.58	45.89 3.03 -0.94	55.80 3.73 -0.27	57.44 3.71 1.75	69.26 4.39 2.15	128.80 6.23 3.42	89.03 4.58 3.14	79.80 3.70 2.71	101.20 4.40 4.60	134.05 5.56 4.06	67.57 3.20 0.32	61.08 3.06 0.12	60.73 3.25 0.00
LONG_LAKE_PHOENIX 24014	54.47 -1.18 0.00	47.90 -1.01 0.00	48.86 -0.99 0.00	48.41 -0.98 0.00	49.45 -1.02 0.00	57.00 -1.23 0.00	101.72 -2.28 0.00	187.91 -3.85 0.00	48.52 -1.02 0.00	42.49 -0.87 0.00	44.70 -0.89 0.00	42.89 -0.94 0.00	41.02 -0.89 0.00	50.65 -1.15 0.00	54.19 -1.29 0.00	65.13 -1.89 0.00	122.11 -3.88 0.00	85.00 -2.58 0.00	76.44 -2.36 0.00	98.60 -2.80 0.00	128.90 -3.66 0.00	63.03 -1.66 0.00	56.65 -1.49 0.00	55.98 -1.49 0.00
LOVETT___3 23632	57.93 2.29 0.00	50.97 2.06 0.00	51.76 1.91 0.00	51.27 1.88 0.00	52.37 1.90 0.00	60.65 2.41 0.00	108.57 4.57 0.00	200.35 8.58 0.00	51.50 1.97 0.00	45.31 1.96 0.00	47.80 2.20 0.00	46.05 2.22 0.00	44.02 2.11 0.00	54.49 2.69 0.00	58.19 2.72 0.00	70.23 3.22 0.00	131.04 5.05 0.00	91.17 3.58 0.00	81.67 2.87 0.00	104.86 3.46 0.00	136.88 4.32 0.00	66.97 2.28 0.00	60.12 1.99 0.00	59.40 1.92 0.00
LOVETT___4 23642	57.93 2.29 0.00	50.97 2.06 0.00	51.76 1.91 0.00	51.27 1.88 0.00	52.37 1.90 0.00	60.65 2.41 0.00	108.57 4.57 0.00	200.35 8.58 0.00	51.50 1.97 0.00	45.31 1.96 0.00	47.80 2.20 0.00	46.05 2.22 0.00	44.02 2.11 0.00	54.49 2.69 0.00	58.19 2.72 0.00	70.23 3.22 0.00	131.04 5.05 0.00	91.17 3.58 0.00	81.67 2.87 0.00	104.86 3.46 0.00	136.88 4.32 0.00	66.97 2.28 0.00	60.12 1.99 0.00	59.40 1.92 0.00
LOVETT___5 23593	57.93 2.29 0.00	50.97 2.06 0.00	51.76 1.91 0.00	51.27 1.88 0.00	52.37 1.90 0.00	60.65 2.41 0.00	108.57 4.57 0.00	200.35 8.58 0.00	51.50 1.97 0.00	45.31 1.96 0.00	47.80 2.20 0.00	46.05 2.22 0.00	44.02 2.11 0.00	54.49 2.69 0.00	58.19 2.72 0.00	70.23 3.22 0.00	131.04 5.05 0.00	91.17 3.58 0.00	81.67 2.87 0.00	104.86 3.46 0.00	136.88 4.32 0.00	66.97 2.28 0.00	60.12 1.99 0.00	59.40 1.92 0.00
LOWER RAQUET___HYD 24057	55.86 0.22 0.00	48.78 -0.13 0.00	49.73 -0.12 0.00	49.24 -0.14 0.00	50.50 0.03 0.00	58.46 0.22 0.00	104.46 0.45 0.00	193.09 1.32 0.00	50.04 0.50 0.00	43.70 0.35 0.00	45.92 0.33 0.00	44.10 0.28 0.00	41.96 0.04 0.00	51.99 0.19 0.00	55.61 0.14 0.00	67.21 0.19 0.00	127.19 1.21 0.00	88.54 0.96 0.00	80.29 1.49 0.00	103.82 2.42 0.00	135.63 3.07 0.00	66.22 1.53 0.00	59.76 1.62 0.00	59.25 1.78 0.00
LOWER___HUDSON 24059	57.08 1.44 0.00	50.42 1.51 0.00	51.19 1.34 0.00	50.76 1.38 0.00	51.84 1.37 0.00	60.01 1.77 0.00	107.14 3.14 0.00	196.62 4.86 0.00	51.08 1.54 0.00	44.26 0.90 0.00	46.34 0.75 0.00	44.62 0.80 0.00	42.77 0.85 0.00	52.93 1.13 0.00	56.80 1.33 0.00	68.85 1.84 0.00	129.68 3.69 0.00	89.44 1.85 0.00	80.80 2.00 0.00	103.72 2.33 0.00	136.20 3.64 0.00	66.44 1.74 0.00	59.32 1.18 0.00	58.66 1.19 0.00
LOWVILLE_115KV_TB2 356335	55.26 -0.38 0.00	48.74 -0.17 0.00	50.02 0.17 0.00	49.58 0.19 0.00	50.79 0.32 0.00	59.08 0.84 0.00	106.07 2.06 0.00	196.12 4.35 0.00	50.32 0.78 0.00	43.09 -0.27 0.00	44.71 -0.88 0.00	42.94 -0.88 0.00	41.09 -0.82 0.00	51.28 -0.52 0.00	55.98 0.51 0.00	67.71 0.69 0.00	128.88 2.90 0.00	90.10 2.52 0.00	80.82 2.02 0.00	104.46 3.06 0.00	136.63 4.07 0.00	66.57 1.88 0.00	59.90 1.77 0.00	59.13 1.66 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	58.34 2.69 0.00	51.44 2.53 0.00	52.27 2.43 0.00	51.80 2.42 0.00	52.96 2.49 0.00	61.35 3.11 0.00	109.60 5.60 0.00	201.32 9.56 0.00	52.12 2.58 0.00	45.02 1.66 0.00	47.21 1.61 0.00	45.43 1.61 0.00	43.52 1.61 0.00	54.01 2.21 0.00	58.12 2.65 0.00	70.49 3.48 0.00	132.66 6.67 0.00	91.69 4.11 0.00	82.80 4.00 0.00	106.25 4.86 0.00	139.54 6.98 0.00	67.93 3.24 0.00	60.68 2.55 0.00	59.95 2.49 0.00

LUTHERNY_35_KV_BK2 355980	58.37 2.73 0.00	51.45 2.54 0.00	52.32 2.48 0.00	51.80 2.41 0.00	52.99 2.53 0.00	61.37 3.12 0.00	109.71 5.70 0.00	201.46 9.70 0.00	52.16 2.62 0.00	45.05 1.69 0.00	47.20 1.61 0.00	45.43 1.61 0.00	43.53 1.61 0.00	54.05 2.25 0.00	58.17 2.70 0.00	70.58 3.56 0.00	132.70 6.72 0.00	91.77 4.19 0.00	82.84 4.04 0.00	106.25 4.86 0.00	139.58 7.02 0.00	67.98 3.28 0.00	60.70 2.56 0.00	59.98 2.50 0.00
LWR___OSWEGATCHIE_HYD 23850	55.10 -0.54 0.00	48.33 -0.58 0.00	49.43 -0.42 0.00	48.97 -0.42 0.00	50.19 -0.29 0.00	58.12 -0.12 0.00	104.13 0.12 0.00	192.63 0.86 0.00	49.60 0.06 0.00	42.90 -0.46 0.00	44.85 -0.74 0.00	43.08 -0.75 0.00	41.11 -0.81 0.00	51.11 -0.69 0.00	55.25 -0.23 0.00	66.80 -0.22 0.00	126.56 0.57 0.00	88.32 0.74 0.00	79.66 0.86 0.00	103.01 1.61 0.00	134.73 2.17 0.00	65.87 1.18 0.00	59.34 1.20 0.00	58.68 1.21 0.00
LYONS_FALL_HYD 23570	55.89 0.24 0.00	49.24 0.33 0.00	50.42 0.57 0.00	49.98 0.60 0.00	51.15 0.68 0.00	59.37 1.12 0.00	106.46 2.46 0.00	196.73 4.96 0.00	50.60 1.06 0.00	43.61 0.25 0.00	45.49 -0.10 0.00	43.74 -0.08 0.00	41.87 -0.05 0.00	52.08 0.28 0.00	56.46 0.98 0.00	68.28 1.27 0.00	129.23 3.25 0.00	90.17 2.58 0.00	81.00 2.20 0.00	104.49 3.10 0.00	136.57 4.01 0.00	66.54 1.84 0.00	59.81 1.67 0.00	59.02 1.55 0.00
MADISON___COUNTY_LFGE 323628	57.03 1.39 0.00	50.19 1.28 0.00	51.27 1.42 0.00	50.79 1.40 0.00	51.95 1.48 0.00	60.09 1.85 0.00	107.58 3.58 0.00	198.86 7.10 0.00	51.26 1.72 0.00	44.68 1.32 0.00	46.93 1.33 0.00	45.12 1.30 0.00	43.19 1.28 0.00	53.49 1.69 0.00	57.37 1.89 0.00	69.34 2.33 0.00	130.32 4.34 0.00	90.46 2.87 0.00	81.35 2.55 0.00	104.78 3.38 0.00	136.81 4.25 0.00	66.69 2.00 0.00	59.88 1.74 0.00	59.08 1.61 0.00
MALONE___115KV_TB1 356076	55.52 -0.13 0.00	48.42 -0.49 0.00	49.33 -0.52 0.00	48.85 -0.53 0.00	50.23 -0.24 0.00	58.36 0.12 0.00	105.06 1.06 0.00	194.87 3.10 0.00	50.52 0.98 0.00	44.22 0.87 0.00	46.53 0.94 0.00	44.73 0.90 0.00	42.68 0.76 0.00	52.75 0.95 0.00	56.45 0.97 0.00	68.20 1.18 0.00	129.64 3.65 0.00	90.90 3.32 0.00	82.37 3.57 0.00	105.44 4.04 0.00	137.95 5.39 0.00	67.13 2.43 0.00	60.39 2.25 0.00	59.81 2.34 0.00
MAPLEWOD_115KV_TB3 80458	57.14 1.49 0.00	50.47 1.56 0.00	51.31 1.46 0.00	50.83 1.45 0.00	51.89 1.42 0.00	59.99 1.75 0.00	107.19 3.19 0.00	197.12 5.36 0.00	51.10 1.56 0.00	44.35 1.00 0.00	46.48 0.88 0.00	44.75 0.92 0.00	42.85 0.94 0.00	53.03 1.23 0.00	57.00 1.52 0.00	69.03 2.02 0.00	129.87 3.88 0.00	89.79 2.21 0.00	80.95 2.15 0.00	103.95 2.56 0.00	136.24 3.68 0.00	66.48 1.79 0.00	59.46 1.33 0.00	58.73 1.26 0.00
MAPLE_RIDGE_WT_1 323574	54.99 -0.66 0.00	48.36 -0.55 0.00	49.27 -0.58 0.00	48.90 -0.48 0.00	49.98 -0.49 0.00	57.77 -0.48 0.00	103.22 -0.79 0.00	190.42 -1.35 0.00	49.08 -0.46 0.00	42.87 -0.49 0.00	45.10 -0.49 0.00	43.32 -0.50 0.00	41.33 -0.58 0.00	51.24 -0.56 0.00	55.13 -0.35 0.00	66.68 -0.33 0.00	125.71 -0.28 0.00	87.56 -0.03 0.00	78.79 -0.01 0.00	101.63 0.23 0.00	132.94 0.38 0.00	64.76 0.06 0.00	58.26 0.12 0.00	57.70 0.23 0.00
MAPLE_RIDGE_WT_2 323611	54.99 -0.66 0.00	48.36 -0.55 0.00	49.27 -0.58 0.00	48.90 -0.48 0.00	49.98 -0.49 0.00	57.77 -0.48 0.00	103.22 -0.79 0.00	190.42 -1.35 0.00	49.08 -0.46 0.00	42.87 -0.49 0.00	45.10 -0.49 0.00	43.32 -0.50 0.00	41.33 -0.58 0.00	51.24 -0.56 0.00	55.13 -0.35 0.00	66.68 -0.33 0.00	125.71 -0.28 0.00	87.56 -0.03 0.00	78.79 -0.01 0.00	101.63 0.23 0.00	132.94 0.38 0.00	64.76 0.06 0.00	58.26 0.12 0.00	57.70 0.23 0.00
MARBLE_RIVER_WT_PWR 323696	54.54 -1.10 0.00	47.63 -1.28 0.00	48.54 -1.30 0.00	48.09 -1.29 0.00	49.48 -0.99 0.00	57.43 -0.81 0.00	103.34 -0.67 0.00	191.40 -0.37 0.00	49.53 -0.01 0.00	43.34 -0.01 0.00	45.60 0.00 0.00	43.90 0.07 0.00	41.96 0.04 0.00	51.87 0.07 0.00	55.56 0.09 0.00	67.18 0.17 0.00	127.42 1.44 0.00	89.07 1.49 0.00	80.30 1.49 0.00	103.04 1.64 0.00	134.57 2.01 0.00	65.65 0.96 0.00	59.11 0.98 0.00	58.59 1.12 0.00
MARSHVLE_115KV_TB1 80742	55.55 -0.10 0.00	48.88 -0.03 0.00	49.85 0.00 0.00	49.33 -0.05 0.00	50.54 0.07 0.00	58.35 0.11 0.00	104.64 0.64 0.00	193.48 1.71 0.00	49.70 0.16 0.00	43.36 0.01 0.00	45.40 -0.19 0.00	43.70 -0.12 0.00	41.74 -0.18 0.00	51.96 0.16 0.00	55.91 0.43 0.00	67.83 0.82 0.00	127.69 1.71 0.00	89.12 1.54 0.00	80.09 1.29 0.00	103.21 1.82 0.00	134.74 2.19 0.00	65.73 1.04 0.00	59.05 0.92 0.00	58.31 0.84 0.00
MARSH_HILL_WT_PWR 323713	56.10 -0.31 -0.76	49.52 -0.37 -0.98	51.36 -0.32 -1.84	50.32 -0.08 -1.01	51.05 -0.09 -0.67	58.40 -0.21 -0.36	102.55 -1.45 0.00	190.85 -0.91 0.00	49.95 0.07 -0.35	44.13 0.39 -0.38	49.76 1.03 -3.14	43.80 -0.02 0.00	42.12 0.14 -0.07	52.46 -0.05 -0.71	55.24 -0.50 -0.26	65.82 -1.31 -0.11	123.04 -2.95 0.00	85.97 -1.61 0.00	77.72 -1.33 -0.26	100.74 -1.40 -0.74	131.29 -2.71 -1.44	64.42 -1.24 -0.96	58.72 -0.30 -0.88	57.81 0.34 0.00
MCINTYRE_115KV_TB2 80467	56.98 1.34 0.00	49.68 0.77 0.00	50.64 0.79 0.00	50.14 0.75 0.00	51.43 0.96 0.00	59.51 1.28 0.00	106.54 2.54 0.00	196.96 5.20 0.00	50.91 1.38 0.00	44.47 1.11 0.00	46.68 1.09 0.00	44.74 0.91 0.00	42.45 0.54 0.00	52.36 0.55 0.00	55.92 0.45 0.00	67.71 0.70 0.00	129.85 3.86 0.00	90.92 3.33 0.00	82.05 3.25 0.00	105.98 4.59 0.00	138.28 5.72 0.00	67.47 2.77 0.00	60.73 2.59 0.00	60.23 2.76 0.00
MECO_____69_KV_BK1 80468	57.58 1.94 0.00	50.66 1.75 0.00	51.61 1.76 0.00	51.09 1.70 0.00	52.33 1.86 0.00	60.52 2.28 0.00	108.57 4.57 0.00	200.59 8.83 0.00	51.43 1.89 0.00	44.16 0.80 0.00	46.09 0.50 0.00	44.59 0.77 0.00	42.57 0.66 0.00	53.39 1.59 0.00	57.57 2.09 0.00	70.01 3.00 0.00	132.16 6.17 0.00	92.17 4.59 0.00	82.91 4.11 0.00	106.69 5.29 0.00	139.31 6.75 0.00	67.82 3.12 0.00	60.75 2.62 0.00	59.95 2.48 0.00
MENANDS___115KV_TB5 355628	56.14 0.50 0.00	49.71 0.80 0.00	50.52 0.68 0.00	50.05 0.66 0.00	51.04 0.58 0.00	58.98 0.74 0.00	105.34 1.33 0.00	193.74 1.98 0.00	50.32 0.78 0.00	43.76 0.41 0.00	45.91 0.32 0.00	44.27 0.44 0.00	42.41 0.49 0.00	52.28 0.47 0.00	56.09 0.61 0.00	67.90 0.88 0.00	127.60 1.62 0.00	88.18 0.60 0.00	79.43 0.63 0.00	102.00 0.60 0.00	133.65 1.09 0.00	65.26 0.57 0.00	58.41 0.27 0.00	57.71 0.24 0.00
MG INDUSTRY___DRP 24185	56.52 0.88 0.00	49.97 1.06 0.00	50.90 1.05 0.00	50.44 1.06 0.00	51.48 1.00 0.00	59.39 1.15 0.00	106.05 2.05 0.00	195.04 3.28 0.00	50.46 0.92 0.00	43.87 0.51 0.00	45.98 0.39 0.00	44.27 0.44 0.00	42.39 0.47 0.00	52.38 0.58 0.00	56.30 0.82 0.00	68.22 1.21 0.00	128.32 2.34 0.00	88.73 1.14 0.00	79.94 1.15 0.00	102.73 1.34 0.00	134.60 2.04 0.00	65.70 1.01 0.00	58.85 0.71 0.00	58.17 0.70 0.00

MID___OSWEGATCHIE_HYD 23849	55.10 -0.54 0.00	48.33 -0.58 0.00	49.43 -0.42 0.00	48.97 -0.42 0.00	50.19 -0.29 0.00	58.12 -0.12 0.00	104.13 0.12 0.00	192.63 0.86 0.00	49.60 0.06 0.00	42.90 -0.46 0.00	44.85 -0.74 0.00	43.08 -0.75 0.00	41.11 -0.81 0.00	51.11 -0.69 0.00	55.25 -0.23 0.00	66.80 -0.22 0.00	126.56 0.57 0.00	88.32 0.74 0.00	79.66 0.86 0.00	103.01 1.61 0.00	134.73 2.17 0.00	65.87 1.18 0.00	59.34 1.20 0.00	58.68 1.21 0.00
MID___RAQUETTE_HYD 23851	55.86 0.22 0.00	48.78 -0.13 0.00	49.73 -0.12 0.00	49.24 -0.14 0.00	50.50 0.03 0.00	58.46 0.22 0.00	104.45 0.45 0.00	193.11 1.34 0.00	50.04 0.50 0.00	43.70 0.35 0.00	45.92 0.33 0.00	44.10 0.28 0.00	41.96 0.04 0.00	51.99 0.19 0.00	55.61 0.14 0.00	67.21 0.19 0.00	127.19 1.21 0.00	88.54 0.96 0.00	80.28 1.49 0.00	103.83 2.43 0.00	135.63 3.07 0.00	66.22 1.53 0.00	59.76 1.62 0.00	59.25 1.78 0.00
MILLIKEN___1 23584	57.04 1.40 0.00	50.04 1.13 0.00	51.15 1.30 0.00	50.71 1.33 0.00	51.81 1.33 0.00	59.78 1.54 0.00	106.65 2.64 0.00	196.93 5.17 0.00	50.92 1.38 0.00	44.68 1.32 0.00	46.96 1.37 0.00	44.94 1.12 0.00	42.88 0.97 0.00	52.71 0.91 0.00	56.24 0.77 0.00	67.75 0.74 0.00	127.76 1.78 0.00	89.20 1.62 0.00	80.41 1.61 0.00	103.55 2.15 0.00	135.19 2.63 0.00	66.01 1.31 0.00	59.38 1.24 0.00	58.66 1.19 0.00
MILLIKEN___2 23585	57.04 1.40 0.00	50.04 1.13 0.00	51.15 1.30 0.00	50.71 1.33 0.00	51.81 1.33 0.00	59.78 1.54 0.00	106.65 2.64 0.00	196.93 5.17 0.00	50.92 1.38 0.00	44.68 1.32 0.00	46.96 1.37 0.00	44.94 1.12 0.00	42.88 0.97 0.00	52.71 0.91 0.00	56.24 0.77 0.00	67.75 0.74 0.00	127.76 1.78 0.00	89.20 1.62 0.00	80.41 1.61 0.00	103.55 2.15 0.00	135.19 2.63 0.00	66.01 1.31 0.00	59.38 1.24 0.00	58.66 1.19 0.00
MILLIKEN___DIESEL 23629	57.04 1.40 0.00	50.04 1.13 0.00	51.15 1.30 0.00	50.71 1.33 0.00	51.81 1.33 0.00	59.78 1.54 0.00	106.65 2.64 0.00	196.93 5.17 0.00	50.92 1.38 0.00	44.68 1.32 0.00	46.96 1.37 0.00	44.94 1.12 0.00	42.88 0.97 0.00	52.71 0.91 0.00	56.24 0.77 0.00	67.75 0.74 0.00	127.76 1.78 0.00	89.20 1.62 0.00	80.41 1.61 0.00	103.55 2.15 0.00	135.19 2.63 0.00	66.01 1.31 0.00	59.38 1.24 0.00	58.66 1.19 0.00
MILLSEAT___LFGE 323607	56.53 2.36 1.47	48.89 1.87 1.89	48.45 2.15 3.55	49.60 2.16 1.95	51.28 2.09 1.29	59.11 1.57 0.70	103.92 -0.09 0.00	192.20 0.44 0.00	49.23 0.47 0.78	43.71 1.20 0.85	40.09 1.53 7.03	44.52 0.70 0.00	42.34 0.56 0.13	50.66 0.23 1.37	54.99 0.03 0.51	65.95 -0.82 0.24	122.40 -3.59 0.00	85.49 -2.10 0.00	76.50 -1.71 0.59	97.48 -2.22 1.70	125.67 -3.56 3.32	60.92 -1.80 1.98	55.86 -0.47 1.82	57.57 0.10 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	57.98 2.34 0.00	51.03 2.12 0.00	51.83 1.98 0.00	51.32 1.94 0.00	52.42 1.95 0.00	60.70 2.46 0.00	108.66 4.66 0.00	200.48 8.71 0.00	51.59 2.05 0.00	45.37 2.02 0.00	47.86 2.27 0.00	46.10 2.28 0.00	44.09 2.17 0.00	54.54 2.74 0.00	58.27 2.79 0.00	70.31 3.29 0.00	131.18 5.19 0.00	91.24 3.65 0.00	81.75 2.95 0.00	104.93 3.54 0.00	137.00 4.44 0.00	67.04 2.35 0.00	60.19 2.05 0.00	59.46 1.99 0.00
MILLWOOD_13_KV_LOAD 356217	58.12 2.47 0.00	51.14 2.23 0.00	51.95 2.10 0.00	51.46 2.07 0.00	52.54 2.07 0.00	60.85 2.61 0.00	108.96 4.95 0.00	201.01 9.25 0.00	51.72 2.18 0.00	45.49 2.14 0.00	47.97 2.37 0.00	46.20 2.37 0.00	44.18 2.26 0.00	54.66 2.86 0.00	58.41 2.94 0.00	70.48 3.47 0.00	131.55 5.56 0.00	91.52 3.93 0.00	82.00 3.19 0.00	105.25 3.85 0.00	137.40 4.84 0.00	67.23 2.54 0.00	60.36 2.22 0.00	59.61 2.14 0.00
MODEL_CITY_ENERGY 24167	54.95 1.02 1.71	47.30 0.58 2.19	46.61 0.88 4.12	48.02 0.89 2.26	49.74 0.77 1.49	57.31 -0.11 0.81	100.24 -3.77 0.00	184.93 -6.83 0.00	47.29 -1.35 0.90	42.14 -0.23 0.98	37.58 0.13 8.14	43.24 -0.59 0.00	41.26 -0.50 0.15	49.25 -0.95 1.59	53.58 -1.30 0.60	63.99 -2.74 0.28	117.81 -8.18 0.00	82.14 -5.45 0.00	73.32 -4.80 0.68	93.23 -6.21 1.96	120.06 -8.66 3.84	58.24 -4.16 2.30	53.67 -2.36 2.11	55.92 -1.55 0.00
MODERN_LFGE___ 323580	54.95 1.02 1.71	47.30 0.58 2.19	46.61 0.88 4.12	48.02 0.89 2.26	49.74 0.77 1.49	57.31 -0.11 0.81	100.24 -3.77 0.00	184.93 -6.83 0.00	47.29 -1.35 0.90	42.14 -0.23 0.98	37.58 0.13 8.14	43.24 -0.59 0.00	41.26 -0.50 0.15	49.25 -0.95 1.59	53.58 -1.30 0.60	63.99 -2.74 0.28	117.81 -8.18 0.00	82.14 -5.45 0.00	73.32 -4.80 0.68	93.23 -6.21 1.96	120.06 -8.66 3.84	58.24 -4.16 2.30	53.67 -2.36 2.11	55.92 -1.55 0.00
MOHAWK_PAPER___DRP 24187	57.14 1.49 0.00	50.47 1.56 0.00	51.31 1.46 0.00	50.83 1.45 0.00	51.89 1.42 0.00	59.99 1.75 0.00	107.19 3.19 0.00	197.12 5.36 0.00	51.10 1.56 0.00	44.35 1.00 0.00	46.48 0.88 0.00	44.75 0.92 0.00	42.85 0.94 0.00	53.03 1.23 0.00	57.00 1.52 0.00	69.03 2.02 0.00	129.87 3.88 0.00	89.79 2.21 0.00	80.95 2.15 0.00	103.95 2.56 0.00	136.24 3.68 0.00	66.48 1.79 0.00	59.46 1.33 0.00	58.73 1.26 0.00
MOHICAN___35_KV_115KV_LD 80490	59.43 3.78 0.00	52.35 3.44 0.00	53.11 3.26 0.00	52.65 3.26 0.00	53.86 3.39 0.00	62.64 4.40 0.00	111.75 7.74 0.00	205.31 13.55 0.00	53.32 3.78 0.00	45.63 2.27 0.00	47.92 2.33 0.00	46.08 2.26 0.00	44.11 2.20 0.00	54.87 3.07 0.00	59.13 3.66 0.00	71.93 4.92 0.00	135.60 9.62 0.00	93.37 5.78 0.00	84.68 5.88 0.00	108.49 7.09 0.00	142.91 10.35 0.00	69.37 4.68 0.00	61.79 3.66 0.00	61.03 3.56 0.00
MONGAUP___HYD 23641	58.26 2.61 0.00	51.25 2.34 0.00	52.10 2.25 0.00	51.62 2.24 0.00	52.75 2.28 0.00	61.05 2.81 0.00	109.33 5.33 0.00	201.77 10.01 0.00	51.80 2.27 0.00	45.49 2.13 0.00	47.71 2.12 0.00	46.00 2.18 0.00	43.98 2.07 0.00	53.91 2.11 0.00	57.92 2.44 0.00	70.42 3.40 0.00	132.21 6.23 0.00	92.20 4.62 0.00	82.78 3.97 0.00	106.39 4.99 0.00	138.94 6.38 0.00	67.89 3.19 0.00	60.88 2.75 0.00	60.08 2.61 0.00
MONTAUK___DIESEL 23721	64.97 5.98 -3.35	54.17 5.26 0.01	54.74 4.90 0.01	54.15 4.77 0.01	55.42 4.95 0.01	64.43 5.76 -0.43	128.13 10.37 -13.75	230.46 19.09 -19.61	57.44 4.37 -3.53	47.37 4.01 0.00	50.19 4.60 0.00	46.79 4.68 1.71	43.57 4.41 2.76	56.47 5.46 0.79	69.50 5.71 -8.31	84.67 7.46 -10.20	153.61 11.41 -16.22	108.63 6.14 -14.90	97.06 5.42 -12.84	130.42 7.19 -21.84	160.65 8.81 -19.28	71.62 5.42 -1.50	64.21 5.51 -0.56	63.16 5.69 0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	57.83 2.19 0.00	50.71 1.80 0.00	51.98 2.13 0.00	51.54 2.15 0.00	52.61 2.14 0.00	60.19 1.96 0.00	104.95 0.95 0.00	195.40 3.63 0.00	50.16 0.62 0.00	44.88 1.53 0.00	47.78 2.19 0.00	45.03 1.21 0.00	43.19 1.28 0.00	53.03 1.23 0.00	56.58 1.10 0.00	66.82 -0.19 0.00	123.05 -2.94 0.00	85.82 -1.77 0.00	77.16 -1.64 0.00	99.68 -1.72 0.00	129.86 -2.69 0.00	63.81 -0.89 0.00	58.36 0.22 0.00	58.34 0.87 0.00

MORRIS_RIDGE___SOLAR 323848	56.20 -0.13 -0.68	49.59 -0.19 -0.87	51.47 -0.02 -1.64	50.44 0.15 -0.90	51.11 0.04 -0.60	58.15 -0.41 -0.33	101.23 -2.77 0.00	187.65 -4.11 0.00	48.93 -0.91 -0.30	43.40 -0.28 -0.33	48.71 0.39 -2.72	43.30 -0.52 0.00	41.57 -0.40 -0.06	51.78 -0.65 -0.64	54.60 -1.11 -0.24	64.92 -2.19 -0.10	120.81 -5.17 0.00	84.32 -3.27 0.00	76.18 -2.85 -0.23	98.76 -3.30 -0.66	128.74 -5.11 -1.30	63.16 -2.41 -0.88	57.71 -1.23 -0.81	56.96 -0.51 0.00
MORTIMER_115KV_TB3 55949	56.91 1.26 0.00	50.04 1.13 0.00	51.14 1.29 0.00	50.69 1.30 0.00	51.73 1.26 0.00	59.14 0.90 0.00	103.82 -0.18 0.00	191.83 0.07 0.00	49.76 0.22 0.00	44.13 0.78 0.00	46.63 1.04 0.00	44.34 0.52 0.00	42.40 0.48 0.00	52.16 0.36 0.00	55.64 0.16 0.00	66.36 -0.65 0.00	123.09 -2.90 0.00	85.89 -1.70 0.00	77.31 -1.48 0.00	99.51 -1.89 0.00	129.58 -2.97 0.00	63.33 -1.36 0.00	57.60 -0.54 0.00	57.22 -0.25 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	58.23 2.59 0.00	51.24 2.33 0.00	52.03 2.18 0.00	51.51 2.13 0.00	52.59 2.12 0.00	60.91 2.67 0.00	109.07 5.07 0.00	201.23 9.47 0.00	51.85 2.31 0.00	45.67 2.32 0.00	48.19 2.60 0.00	46.42 2.60 0.00	44.39 2.47 0.00	54.92 3.12 0.00	58.65 3.17 0.00	70.67 3.66 0.00	131.70 5.71 0.00	91.60 4.01 0.00	82.05 3.25 0.00	105.24 3.84 0.00	137.37 4.81 0.00	67.25 2.56 0.00	60.40 2.26 0.00	59.67 2.20 0.00
MUNSVILLE_WIND_PWR 323609	59.43 2.91 -0.88	52.61 2.57 -1.13	54.93 2.96 -2.12	53.56 3.02 -1.16	54.28 3.04 -0.77	62.34 3.68 -0.42	111.39 7.39 0.00	207.11 15.35 0.00	53.77 3.77 -0.47	47.19 3.32 -0.51	53.59 3.75 -4.25	47.01 3.19 0.00	44.95 2.96 -0.08	56.22 3.60 -0.82	59.85 4.07 -0.31	72.03 4.89 -0.13	136.59 10.61 0.00	95.88 8.30 0.00	86.52 7.39 -0.32	112.09 9.77 -0.93	146.76 12.38 -1.82	71.59 5.72 -1.17	64.12 4.91 -1.07	61.95 4.47 0.00
N SALMON___HYD 24042	55.51 -0.13 0.00	48.42 -0.49 0.00	49.33 -0.51 0.00	48.86 -0.53 0.00	50.23 -0.24 0.00	58.36 0.12 0.00	105.06 1.05 0.00	194.84 3.08 0.00	50.52 0.98 0.00	44.22 0.86 0.00	46.54 0.94 0.00	44.73 0.90 0.00	42.68 0.76 0.00	52.75 0.95 0.00	56.45 0.97 0.00	68.20 1.18 0.00	129.64 3.65 0.00	90.91 3.33 0.00	82.36 3.56 0.00	105.44 4.04 0.00	137.96 5.40 0.00	67.13 2.43 0.00	60.39 2.25 0.00	59.81 2.34 0.00
N.AKRON__115KV_KNAPP 355671	57.80 2.16 0.00	50.59 1.68 0.00	51.81 1.96 0.00	51.35 1.96 0.00	52.36 1.88 0.00	59.53 1.28 0.00	103.26 -0.74 0.00	190.82 -0.94 0.00	49.64 0.10 0.00	44.30 0.95 0.00	46.90 1.30 0.00	44.33 0.50 0.00	42.35 0.43 0.00	51.90 0.10 0.00	55.35 -0.13 0.00	65.87 -1.14 0.00	121.54 -4.45 0.00	84.84 -2.75 0.00	76.44 -2.36 0.00	98.36 -3.04 0.00	127.93 -4.63 0.00	62.44 -2.26 0.00	57.30 -0.83 0.00	57.32 -0.15 0.00
N.E_GEN_SANDY PD 24062	57.03 1.38 0.00	50.67 1.55 -0.21	51.13 1.28 0.00	50.72 1.33 0.00	51.74 1.27 0.00	60.47 1.72 -0.51	105.33 2.86 1.53	191.01 3.78 4.53	55.66 1.44 -4.68	44.15 0.84 0.04	46.22 0.63 0.00	44.55 0.73 0.00	42.71 0.79 0.00	52.83 1.03 0.00	56.60 1.13 0.00	68.52 1.51 0.00	130.98 3.24 -1.75	76.47 1.43 12.54	80.41 1.61 0.00	102.91 1.82 0.31	137.01 3.05 -1.40	66.20 1.51 0.00	59.10 0.96 0.00	58.52 1.05 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	58.05 2.41 0.00	51.06 2.15 0.00	51.85 2.01 0.00	51.36 1.98 0.00	52.46 1.99 0.00	60.76 2.52 0.00	108.80 4.79 0.00	200.77 9.01 0.00	51.60 2.07 0.00	45.40 2.04 0.00	47.89 2.29 0.00	46.13 2.31 0.00	44.09 2.18 0.00	54.59 2.79 0.00	58.31 2.83 0.00	70.37 3.36 0.00	131.33 5.34 0.00	91.39 3.80 0.00	81.87 3.07 0.00	105.11 3.71 0.00	137.16 4.60 0.00	67.12 2.43 0.00	60.25 2.12 0.00	59.51 2.04 0.00
N.QUEENS_27_KV_LOAD 356247	58.35 2.71 0.00	51.39 2.49 0.00	52.16 2.31 0.00	51.67 2.29 0.00	52.74 2.27 0.00	61.12 2.88 0.00	109.54 5.53 0.00	202.04 10.27 0.00	52.19 2.65 0.00	45.91 2.55 0.00	48.40 2.81 0.00	46.64 2.82 0.00	44.59 2.67 0.00	55.12 3.32 0.00	58.89 3.42 0.00	70.82 3.81 0.00	131.87 5.89 0.00	91.84 4.25 0.00	82.25 3.45 0.00	105.51 4.11 0.00	137.73 5.18 0.00	67.48 2.78 0.00	60.66 2.52 0.00	59.79 2.32 0.00
N.TROY___115KV_TB1 355778	57.07 1.43 0.00	50.41 1.51 0.00	51.19 1.34 0.00	50.76 1.38 0.00	51.84 1.37 0.00	60.01 1.77 0.00	107.14 3.14 0.00	196.62 4.86 0.00	51.08 1.55 0.00	44.26 0.90 0.00	46.33 0.74 0.00	44.63 0.80 0.00	42.77 0.85 0.00	52.92 1.12 0.00	56.80 1.33 0.00	68.85 1.84 0.00	129.68 3.70 0.00	89.44 1.86 0.00	80.80 2.00 0.00	103.72 2.33 0.00	136.20 3.65 0.00	66.44 1.74 0.00	59.32 1.18 0.00	58.66 1.19 0.00
NARROWS_GT1_1 24228	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
NARROWS_GT1_2 24229	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
NARROWS_GT1_3 24230	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
NARROWS_GT1_4 24231	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
NARROWS_GT1_5 24232	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00

NARROWS_GT1_6 24233	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
NARROWS_GT1_7 24234	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
NARROWS_GT1_8 24235	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
NARROWS_GT2_1 24236	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
NARROWS_GT2_2 24237	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
NARROWS_GT2_3 24238	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
NARROWS_GT2_4 24239	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
NARROWS_GT2_5 24240	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
NARROWS_GT2_6 24241	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
NARROWS_GT2_7 24242	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
NARROWS_GT2_8 24243	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.82 4.23 0.00	82.23 3.43 0.00	105.41 4.01 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	58.33 2.69 0.00	51.53 2.62 0.00	52.44 2.59 0.00	51.99 2.61 0.00	53.09 2.62 0.00	61.38 3.14 0.00	110.03 6.03 0.00	203.11 11.35 0.00	52.23 2.70 0.00	45.07 1.71 0.00	46.99 1.40 0.00	45.34 1.51 0.00	43.18 1.27 0.00	53.64 1.84 0.00	57.93 2.45 0.00	70.71 3.70 0.00	133.57 7.59 0.00	92.67 5.08 0.00	83.59 4.80 0.00	107.29 5.89 0.00	140.46 7.90 0.00	68.33 3.63 0.00	61.05 2.91 0.00	60.19 2.71 0.00
NCHELSEA_115KV_TR2 355582	58.38 2.74 0.00	51.37 2.46 0.00	52.20 2.36 0.00	51.72 2.33 0.00	52.84 2.37 0.00	61.18 2.94 0.00	109.58 5.57 0.00	202.20 10.44 0.00	52.01 2.47 0.00	45.64 2.29 0.00	48.11 2.51 0.00	46.34 2.52 0.00	44.29 2.38 0.00	54.81 3.01 0.00	58.61 3.14 0.00	70.75 3.74 0.00	132.33 6.34 0.00	92.06 4.47 0.00	82.60 3.80 0.00	106.04 4.65 0.00	138.51 5.95 0.00	67.72 3.03 0.00	60.73 2.59 0.00	59.96 2.49 0.00
NEG CAPITAL___MECHNVIL 23645	58.31 2.67 0.00	51.43 2.52 0.00	52.25 2.40 0.00	51.79 2.41 0.00	52.95 2.48 0.00	61.31 3.07 0.00	109.59 5.59 0.00	201.29 9.53 0.00	52.14 2.60 0.00	45.05 1.69 0.00	47.22 1.62 0.00	45.46 1.64 0.00	43.55 1.64 0.00	54.02 2.22 0.00	58.14 2.67 0.00	70.51 3.50 0.00	132.76 6.78 0.00	91.77 4.18 0.00	82.83 4.03 0.00	106.32 4.93 0.00	139.54 6.98 0.00	67.94 3.25 0.00	60.66 2.53 0.00	59.94 2.47 0.00
NEG CENTRAL_HIGH_ACRES 23767	54.77 -0.19 0.68	47.88 -0.16 0.87	48.18 -0.03 1.65	48.48 -0.01 0.90	49.82 -0.05 0.60	57.43 -0.48 0.33	101.96 -2.05 0.00	188.29 -3.47 0.00	48.43 -0.74 0.36	42.76 -0.20 0.39	42.26 -0.07 3.26	43.41 -0.42 0.00	41.43 -0.43 0.06	50.46 -0.70 0.64	54.30 -0.94 0.24	65.10 -1.79 0.12	121.21 -4.78 0.00	84.55 -3.03 0.00	75.80 -2.72 0.29	97.20 -3.38 0.82	126.08 -4.87 1.60	61.50 -2.29 0.91	55.73 -1.58 0.83	56.06 -1.41 0.00

NEG CENTRAL___DRP 24199	56.23 0.59 0.00	49.42 0.51 0.00	50.49 0.64 0.00	50.05 0.66 0.00	51.14 0.67 0.00	58.80 0.56 0.00	104.52 0.52 0.00	193.02 1.25 0.00	49.95 0.41 0.00	43.96 0.61 0.00	46.26 0.67 0.00	44.24 0.41 0.00	42.26 0.34 0.00	52.00 0.19 0.00	55.51 0.03 0.00	66.62 -0.39 0.00	124.70 -1.29 0.00	87.01 -0.57 0.00	78.36 -0.44 0.00	100.86 -0.53 0.00	131.55 -1.01 0.00	64.26 -0.43 0.00	57.92 -0.22 0.00	57.38 -0.09 0.00
NEG CENTRAL___INDECK 23768	58.61 2.65 -0.33	51.54 2.21 -0.42	53.00 2.37 -0.78	52.26 2.45 -0.43	53.22 2.46 -0.28	60.93 2.53 -0.15	107.08 3.08 0.00	198.93 7.17 0.00	51.50 1.96 0.00	45.30 1.95 0.00	47.62 2.03 0.00	45.06 1.24 0.00	42.96 1.02 -0.03	52.99 0.89 -0.30	55.06 -0.52 -0.11	65.14 -1.88 0.00	122.95 -3.03 0.00	86.30 -1.28 0.00	77.83 -0.97 0.00	100.37 -1.03 0.00	130.35 -2.22 0.00	64.02 -1.09 -0.41	59.41 0.89 -0.38	59.33 1.86 0.00
NEG CENTRAL___SENECA 23627	56.42 0.77 0.00	49.56 0.65 0.00	50.65 0.80 0.00	50.20 0.81 0.00	51.28 0.81 0.00	58.90 0.66 0.00	104.50 0.50 0.00	193.07 1.31 0.00	49.98 0.44 0.00	44.09 0.73 0.00	46.44 0.85 0.00	44.32 0.50 0.00	42.35 0.44 0.00	52.08 0.28 0.00	55.60 0.12 0.00	66.65 -0.36 0.00	124.48 -1.50 0.00	86.89 -0.70 0.00	78.21 -0.59 0.00	100.72 -0.67 0.00	131.28 -1.29 0.00	64.12 -0.57 0.00	57.90 -0.23 0.00	57.37 -0.10 0.00
NEG CENTRAL___STATE_STREET 24147	56.38 0.74 0.00	49.39 0.48 0.00	50.58 0.74 0.00	50.16 0.77 0.00	51.26 0.79 0.00	59.07 0.83 0.00	105.16 1.16 0.00	194.22 2.46 0.00	50.23 0.70 0.00	44.11 0.75 0.00	46.26 0.67 0.00	44.36 0.53 0.00	42.28 0.36 0.00	52.09 0.29 0.00	55.52 0.05 0.00	66.87 -0.14 0.00	125.43 -0.55 0.00	87.50 -0.09 0.00	79.08 0.28 0.00	101.53 0.13 0.00	132.45 -0.10 0.00	64.73 0.03 0.00	58.24 0.11 0.00	57.75 0.28 0.00
NEG MILLWOOD___DRP 24198	58.51 2.87 0.00	51.48 2.56 0.00	52.30 2.46 0.00	51.80 2.42 0.00	52.92 2.45 0.00	61.31 3.06 0.00	109.83 5.83 0.00	202.70 10.93 0.00	52.16 2.62 0.00	45.81 2.45 0.00	48.29 2.69 0.00	46.50 2.67 0.00	44.46 2.54 0.00	55.02 3.22 0.00	58.81 3.33 0.00	70.99 3.98 0.00	132.67 6.69 0.00	92.32 4.73 0.00	82.82 4.01 0.00	106.25 4.86 0.00	138.73 6.17 0.00	67.85 3.15 0.00	60.84 2.71 0.00	60.09 2.61 0.00
NEG NORTH_FLCN_SEA 23793	54.94 -0.70 0.00	47.95 -0.96 0.00	48.86 -0.99 0.00	48.42 -0.97 0.00	49.83 -0.65 0.00	57.86 -0.38 0.00	104.13 0.13 0.00	192.97 1.21 0.00	49.91 0.38 0.00	43.63 0.27 0.00	45.90 0.31 0.00	44.21 0.39 0.00	42.29 0.38 0.00	52.29 0.49 0.00	56.05 0.57 0.00	67.77 0.76 0.00	128.62 2.63 0.00	90.04 2.45 0.00	81.29 2.49 0.00	104.09 2.69 0.00	136.04 3.49 0.00	66.30 1.61 0.00	59.68 1.55 0.00	59.14 1.67 0.00
NEG NORTH_KES_CHATEGAY 23792	54.59 -1.06 0.00	47.64 -1.27 0.00	48.55 -1.30 0.00	48.08 -1.30 0.00	49.47 -1.00 0.00	57.48 -0.76 0.00	103.57 -0.43 0.00	191.94 0.17 0.00	49.76 0.23 0.00	43.54 0.18 0.00	45.79 0.19 0.00	44.03 0.21 0.00	42.08 0.16 0.00	52.05 0.25 0.00	55.77 0.30 0.00	67.44 0.42 0.00	128.16 2.17 0.00	89.78 2.19 0.00	81.08 2.28 0.00	103.89 2.49 0.00	135.72 3.17 0.00	66.12 1.43 0.00	59.52 1.38 0.00	58.97 1.50 0.00
NEG NORTH___ALICE_FALLS 23915	55.25 -0.40 0.00	48.22 -0.69 0.00	49.13 -0.72 0.00	48.67 -0.72 0.00	50.08 -0.39 0.00	58.18 -0.05 0.00	104.79 0.79 0.00	194.27 2.51 0.00	50.27 0.73 0.00	43.87 0.51 0.00	46.10 0.51 0.00	44.34 0.51 0.00	42.42 0.50 0.00	52.53 0.73 0.00	56.28 0.81 0.00	68.16 1.14 0.00	129.54 3.56 0.00	90.85 3.27 0.00	82.20 3.40 0.00	105.01 3.61 0.00	137.35 4.80 0.00	66.84 2.15 0.00	60.12 1.98 0.00	59.54 2.07 0.00
NEG NORTH___LWR_SARANAC 23913	55.25 -0.40 0.00	48.22 -0.69 0.00	49.13 -0.72 0.00	48.67 -0.72 0.00	50.08 -0.39 0.00	58.18 -0.05 0.00	104.79 0.79 0.00	194.27 2.51 0.00	50.27 0.73 0.00	43.87 0.51 0.00	46.10 0.51 0.00	44.34 0.51 0.00	42.42 0.50 0.00	52.53 0.73 0.00	56.28 0.81 0.00	68.16 1.14 0.00	129.54 3.56 0.00	90.85 3.27 0.00	82.20 3.40 0.00	105.01 3.61 0.00	137.35 4.80 0.00	66.84 2.15 0.00	60.12 1.98 0.00	59.54 2.07 0.00
NEG NORTH___PLATTSBURG 23628	55.25 -0.40 0.00	48.22 -0.69 0.00	49.13 -0.72 0.00	48.66 -0.72 0.00	50.08 -0.39 0.00	58.18 -0.05 0.00	104.79 0.79 0.00	194.27 2.51 0.00	50.26 0.72 0.00	43.87 0.51 0.00	46.11 0.51 0.00	44.34 0.51 0.00	42.42 0.50 0.00	52.53 0.73 0.00	56.28 0.81 0.00	68.15 1.14 0.00	129.54 3.55 0.00	90.85 3.27 0.00	82.21 3.40 0.00	105.01 3.62 0.00	137.35 4.79 0.00	66.84 2.15 0.00	60.11 1.98 0.00	59.54 2.07 0.00
NEG WEST_LEA_LOCKPORT 23791	57.05 1.41 0.00	49.98 1.07 0.00	51.20 1.35 0.00	50.76 1.37 0.00	51.72 1.25 0.00	58.64 0.40 0.00	101.33 -2.67 0.00	187.02 -4.74 0.00	48.69 -0.85 0.00	43.57 0.22 0.00	46.21 0.61 0.00	43.65 -0.17 0.00	41.81 -0.10 0.00	51.38 -0.42 0.00	54.69 -0.78 0.00	64.89 -2.12 0.00	119.18 -6.80 0.00	83.11 -4.48 0.00	74.86 -3.94 0.00	96.35 -5.05 0.00	125.32 -7.24 0.00	61.25 -3.44 0.00	56.35 -1.79 0.00	56.43 -1.04 0.00
NEG WEST___LANCASTR 23811	57.16 1.52 0.00	50.37 1.46 0.00	51.51 1.66 0.00	51.09 1.70 0.00	52.14 1.67 0.00	59.42 1.18 0.00	102.63 -1.37 0.00	189.78 -1.99 0.00	49.31 -0.23 0.00	44.09 0.73 0.00	46.92 1.33 0.00	44.22 0.39 0.00	42.47 0.55 0.00	52.39 0.59 0.00	55.84 0.36 0.00	65.93 -1.09 0.00	121.10 -4.88 0.00	84.42 -3.17 0.00	76.03 -2.77 0.00	98.40 -2.99 0.00	127.98 -4.58 0.00	62.47 -2.23 0.00	57.13 -1.00 0.00	57.00 -0.47 0.00
NEG_PENN_ALLEGHNY 23528	57.83 0.97 -1.21	51.34 0.88 -1.56	53.77 0.99 -2.93	51.97 0.98 -1.61	52.50 0.97 -1.06	59.91 1.10 -0.58	105.76 1.75 0.00	195.39 3.62 0.00	51.05 0.88 -0.64	44.99 0.94 -0.69	52.46 1.10 -5.77	44.71 0.89 0.00	42.91 0.88 -0.11	53.92 0.99 -1.13	56.83 0.93 -0.42	68.13 0.93 -0.19	127.27 1.28 0.00	88.61 1.02 0.00	80.13 0.88 -0.45	103.98 1.29 -1.30	136.62 1.53 -2.54	67.08 0.77 -1.62	60.31 0.69 -1.49	58.17 0.70 0.00
NEG___GEN_MONROE 24207	57.72 2.08 0.00	50.86 1.95 0.00	52.03 2.18 0.00	51.64 2.25 0.00	52.69 2.22 0.00	60.37 2.13 0.00	105.32 1.32 0.00	193.67 1.90 0.00	50.24 0.70 0.00	44.58 1.22 0.00	47.19 1.59 0.00	44.85 1.02 0.00	42.81 0.89 0.00	52.44 0.64 0.00	55.95 0.47 0.00	66.69 -0.32 0.00	123.94 -2.04 0.00	86.55 -1.04 0.00	77.96 -0.84 0.00	100.27 -1.13 0.00	130.50 -2.06 0.00	63.74 -0.96 0.00	58.05 -0.09 0.00	57.79 0.32 0.00
NEPA___ENERGY 23901	56.42 0.77 0.00	49.31 0.40 0.00	50.56 0.71 0.00	50.16 0.77 0.00	51.14 0.66 0.00	58.54 0.30 0.00	101.93 -2.08 0.00	188.78 -2.99 0.00	48.68 -0.86 0.00	43.59 0.23 0.00	46.55 0.96 0.00	43.86 0.03 0.00	42.21 0.29 0.00	51.80 0.00 0.00	55.27 -0.21 0.00	65.20 -1.81 0.00	119.97 -6.02 0.00	83.64 -3.95 0.00	75.24 -3.56 0.00	97.40 -3.99 0.00	126.70 -5.86 0.00	61.91 -2.79 0.00	56.51 -1.63 0.00	56.73 -0.74 0.00

NEVERSINK___HYD 23608	58.27 2.63 0.00	51.23 2.32 0.00	52.12 2.27 0.00	51.63 2.24 0.00	52.77 2.29 0.00	61.14 2.90 0.00	109.47 5.47 0.00	202.20 10.44 0.00	51.99 2.45 0.00	45.62 2.27 0.00	48.07 2.48 0.00	46.25 2.42 0.00	43.99 2.07 0.00	52.97 1.17 0.00	56.65 1.17 0.00	68.37 1.36 0.00	128.62 2.64 0.00	89.63 2.05 0.00	80.38 1.58 0.00	103.34 1.94 0.00	135.20 2.64 0.00	67.87 3.18 0.00	60.88 2.74 0.00	60.04 2.57 0.00
NEWKRMKL_115KV_TB1 55635	55.94 0.30 0.00	49.56 0.65 0.00	50.37 0.53 0.00	49.89 0.51 0.00	50.87 0.40 0.00	58.78 0.54 0.00	105.02 1.02 0.00	193.27 1.51 0.00	50.17 0.64 0.00	43.65 0.29 0.00	45.82 0.22 0.00	44.17 0.35 0.00	42.33 0.42 0.00	52.12 0.32 0.00	55.93 0.46 0.00	67.71 0.69 0.00	127.26 1.27 0.00	87.96 0.38 0.00	79.20 0.40 0.00	101.71 0.31 0.00	133.22 0.66 0.00	65.06 0.37 0.00	58.22 0.08 0.00	57.52 0.05 0.00
NEWTON___FALLS_HYD 23847	55.10 -0.54 0.00	48.33 -0.58 0.00	49.43 -0.42 0.00	48.97 -0.42 0.00	50.19 -0.29 0.00	58.12 -0.12 0.00	104.13 0.12 0.00	192.63 0.86 0.00	49.60 0.06 0.00	42.90 -0.46 0.00	44.85 -0.74 0.00	43.08 -0.75 0.00	41.11 -0.81 0.00	51.11 -0.69 0.00	55.25 -0.23 0.00	66.80 -0.22 0.00	126.56 0.57 0.00	88.32 0.74 0.00	79.66 0.86 0.00	103.01 1.61 0.00	134.73 2.17 0.00	65.87 1.18 0.00	59.34 1.20 0.00	58.68 1.21 0.00
NGRID_A1_DSASP 323792	56.28 0.64 0.00	49.70 0.79 0.00	50.94 1.09 0.00	50.49 1.11 0.00	51.34 0.87 0.00	57.95 -0.29 0.00	99.77 -4.24 0.00	183.84 -7.92 0.00	47.98 -1.56 0.00	42.96 -0.40 0.00	45.63 0.04 0.00	43.05 -0.78 0.00	41.28 -0.63 0.00	50.84 -0.96 0.00	53.98 -1.50 0.00	63.68 -3.33 0.00	116.52 -9.47 0.00	81.12 -6.47 0.00	73.11 -5.69 0.00	94.05 -7.35 0.00	123.22 -9.34 0.00	60.07 -4.62 0.00	55.46 -2.68 0.00	55.43 -2.04 0.00
NGRID_A2_DSASP 323793	56.28 0.64 0.00	49.70 0.79 0.00	50.94 1.09 0.00	50.49 1.11 0.00	51.34 0.87 0.00	57.95 -0.29 0.00	99.77 -4.24 0.00	183.84 -7.92 0.00	47.98 -1.56 0.00	42.96 -0.40 0.00	45.63 0.04 0.00	43.05 -0.78 0.00	41.28 -0.63 0.00	50.84 -0.96 0.00	53.98 -1.50 0.00	63.68 -3.33 0.00	116.52 -9.47 0.00	81.12 -6.47 0.00	73.11 -5.69 0.00	94.05 -7.35 0.00	123.22 -9.34 0.00	60.07 -4.62 0.00	55.46 -2.68 0.00	55.43 -2.04 0.00
NGRID_A4_DSASP 323807	56.28 0.64 0.00	49.70 0.79 0.00	50.94 1.09 0.00	50.49 1.11 0.00	51.34 0.87 0.00	57.95 -0.29 0.00	99.77 -4.24 0.00	183.84 -7.92 0.00	47.98 -1.56 0.00	42.96 -0.40 0.00	45.63 0.04 0.00	43.05 -0.78 0.00	41.28 -0.63 0.00	50.84 -0.96 0.00	53.98 -1.50 0.00	63.68 -3.33 0.00	116.52 -9.47 0.00	81.12 -6.47 0.00	73.11 -5.69 0.00	94.05 -7.35 0.00	123.22 -9.34 0.00	60.07 -4.62 0.00	55.46 -2.68 0.00	55.43 -2.04 0.00
NIAGARA_115E_LBMP 323715	54.65 0.77 1.76	46.98 0.33 2.26	46.22 0.61 4.24	47.70 0.63 2.33	49.44 0.51 1.54	57.01 -0.39 0.83	99.63 -4.38 0.00	183.66 -8.11 0.00	46.96 -1.66 0.93	41.85 -0.50 1.01	37.07 -0.14 8.39	42.98 -0.84 0.00	41.04 -0.72 0.16	48.94 -1.22 1.64	53.26 -1.60 0.61	63.61 -3.12 0.29	117.05 -8.94 0.00	81.56 -6.03 0.00	72.80 -5.30 0.70	92.48 -6.90 2.01	119.03 -9.58 3.95	57.75 -4.57 2.37	53.25 -2.71 2.17	55.65 -1.83 0.00
NIAGARA_115W_LBMP 323714	54.35 0.52 1.82	47.27 0.70 2.34	46.46 1.00 4.39	48.00 1.02 2.41	49.66 0.78 1.59	56.98 -0.40 0.87	99.53 -4.48 0.00	183.47 -8.29 0.00	46.95 -1.63 0.96	41.83 -0.48 1.04	36.86 -0.07 8.66	42.96 -0.87 0.00	41.03 -0.72 0.16	49.04 -1.07 1.70	53.24 -1.60 0.63	63.22 -3.49 0.30	116.21 -9.78 0.00	80.90 -6.69 0.00	72.19 -5.88 0.72	91.75 -7.58 2.07	118.44 -10.05 4.06	57.50 -4.76 2.44	53.13 -2.77 2.24	55.29 -2.19 0.00
NIAGARA_230_LBMP 323716	54.65 0.83 1.82	47.36 0.79 2.34	46.55 1.08 4.38	48.08 1.09 2.41	49.84 0.96 1.59	57.36 -0.02 0.87	100.40 -3.60 0.00	185.27 -6.49 0.00	47.31 -1.27 0.95	42.13 -0.18 1.04	37.13 0.19 8.65	43.28 -0.54 0.00	41.33 -0.42 0.16	49.41 -0.70 1.70	53.72 -1.12 0.63	64.06 -2.66 0.30	117.85 -8.13 0.00	82.10 -5.48 0.00	73.28 -4.80 0.72	93.23 -6.11 2.06	119.99 -8.53 4.04	58.23 -4.04 2.42	53.58 -2.34 2.22	55.73 -1.75 0.00
NIAGARA___115KV_198_GIBSON 55903	56.17 0.53 0.00	49.62 0.71 0.00	50.85 1.00 0.00	50.42 1.03 0.00	51.25 0.78 0.00	57.83 -0.41 0.00	99.56 -4.45 0.00	183.50 -8.27 0.00	47.88 -1.66 0.00	42.87 -0.49 0.00	45.55 -0.04 0.00	42.96 -0.86 0.00	41.20 -0.72 0.00	50.73 -1.07 0.00	53.87 -1.61 0.00	63.52 -3.49 0.00	116.25 -9.74 0.00	80.90 -6.68 0.00	72.92 -5.88 0.00	93.80 -7.60 0.00	123.03 -9.53 0.00	59.92 -4.77 0.00	55.36 -2.78 0.00	55.32 -2.15 0.00
NIAGARA____ 23760	54.70 0.83 1.77	47.42 0.79 2.28	46.65 1.08 4.28	48.13 1.09 2.35	49.87 0.96 1.56	57.37 -0.02 0.85	100.40 -3.60 0.00	185.27 -6.49 0.00	47.32 -1.27 0.94	42.14 -0.18 1.03	37.22 0.19 8.56	43.28 -0.54 0.00	41.34 -0.42 0.16	49.42 -0.70 1.68	53.73 -1.12 0.63	64.06 -2.66 0.30	117.85 -8.13 0.00	82.10 -5.48 0.00	73.28 -4.80 0.72	93.24 -6.11 2.05	120.01 -8.53 4.02	58.25 -4.04 2.41	53.59 -2.34 2.21	55.73 -1.75 0.00
NINE_MILE_1 23575	54.11 -1.53 0.00	47.58 -1.33 0.00	48.55 -1.30 0.00	48.09 -1.29 0.00	49.13 -1.34 0.00	56.60 -1.64 0.00	100.92 -3.08 0.00	186.24 -5.52 0.00	48.13 -1.40 0.00	42.18 -1.17 0.00	44.36 -1.23 0.00	42.56 -1.27 0.00	40.70 -1.22 0.00	50.27 -1.53 0.00	53.79 -1.69 0.00	64.65 -2.36 0.00	121.24 -4.75 0.00	84.34 -3.24 0.00	75.89 -2.91 0.00	97.87 -3.53 0.00	127.92 -4.64 0.00	62.56 -2.13 0.00	56.25 -1.89 0.00	55.59 -1.88 0.00
NINE_MILE_2 23744	54.11 -1.53 0.00	47.58 -1.33 0.00	48.55 -1.30 0.00	48.09 -1.29 0.00	49.13 -1.34 0.00	56.61 -1.63 0.00	100.92 -3.08 0.00	186.24 -5.52 0.00	48.13 -1.40 0.00	42.18 -1.17 0.00	44.36 -1.23 0.00	42.56 -1.27 0.00	40.70 -1.22 0.00	50.27 -1.53 0.00	53.79 -1.69 0.00	64.65 -2.36 0.00	121.24 -4.75 0.00	84.34 -3.24 0.00	75.89 -2.91 0.00	97.87 -3.53 0.00	127.93 -4.63 0.00	62.56 -2.13 0.00	56.25 -1.89 0.00	55.59 -1.88 0.00
NM_CAPITAL___DRP 24208	56.07 0.43 0.00	49.66 0.75 0.00	50.47 0.62 0.00	50.00 0.61 0.00	50.99 0.52 0.00	58.91 0.67 0.00	105.22 1.21 0.00	193.50 1.74 0.00	50.24 0.70 0.00	43.71 0.36 0.00	45.86 0.26 0.00	44.21 0.38 0.00	42.36 0.44 0.00	52.21 0.41 0.00	55.99 0.51 0.00	67.78 0.77 0.00	127.39 1.41 0.00	88.05 0.46 0.00	79.33 0.53 0.00	101.84 0.44 0.00	133.49 0.93 0.00	65.19 0.49 0.00	58.32 0.18 0.00	57.63 0.16 0.00
NM_CENTRAL___DRP 24181	55.35 -0.30 0.00	48.69 -0.22 0.00	49.67 -0.18 0.00	49.22 -0.17 0.00	50.28 -0.19 0.00	57.95 -0.29 0.00	103.32 -0.68 0.00	190.84 -0.92 0.00	49.31 -0.22 0.00	43.24 -0.11 0.00	45.50 -0.10 0.00	43.57 -0.25 0.00	41.67 -0.24 0.00	51.46 -0.34 0.00	55.01 -0.46 0.00	66.10 -0.92 0.00	123.75 -2.24 0.00	86.09 -1.50 0.00	77.43 -1.37 0.00	99.82 -1.58 0.00	130.39 -2.17 0.00	63.82 -0.87 0.00	57.38 -0.75 0.00	56.71 -0.76 0.00

NM_FRONTIER___DRP 24179	56.17 0.53 0.00	49.62 0.71 0.00	50.85 1.00 0.00	50.42 1.03 0.00	51.25 0.78 0.00	57.83 -0.41 0.00	99.56 -4.45 0.00	183.50 -8.27 0.00	47.88 -1.66 0.00	42.87 -0.49 0.00	45.55 -0.04 0.00	42.96 -0.86 0.00	41.20 -0.72 0.00	50.73 -1.07 0.00	53.87 -1.61 0.00	63.52 -3.49 0.00	116.25 -9.74 0.00	80.90 -6.68 0.00	72.92 -5.88 0.00	93.80 -7.60 0.00	123.03 -9.53 0.00	59.92 -4.77 0.00	55.36 -2.78 0.00	55.32 -2.15 0.00
NM_ST_REGIS___HYD 24053	55.79 0.14 0.00	48.69 -0.21 0.00	49.63 -0.22 0.00	49.15 -0.24 0.00	50.43 -0.03 0.00	58.45 0.21 0.00	104.65 0.65 0.00	193.70 1.93 0.00	50.20 0.66 0.00	43.87 0.51 0.00	46.11 0.52 0.00	44.29 0.46 0.00	42.17 0.26 0.00	52.22 0.42 0.00	55.85 0.38 0.00	67.46 0.45 0.00	127.95 1.97 0.00	89.25 1.67 0.00	80.93 2.13 0.00	104.39 2.99 0.00	136.42 3.86 0.00	66.53 1.84 0.00	59.99 1.85 0.00	59.45 1.98 0.00
NORTHPORT___1 23551	40.11 2.95 18.48	51.63 2.73 0.01	52.17 2.32 0.01	51.57 2.19 0.01	52.75 2.28 0.01	58.46 2.42 2.21	37.85 4.08 70.23	99.12 7.55 100.19	33.27 1.77 18.03	45.33 1.97 0.00	48.30 2.71 0.00	45.03 3.02 1.81	41.88 2.88 2.92	54.42 3.45 0.84	16.15 3.19 42.52	18.86 3.97 52.12	48.01 4.88 82.85	15.01 3.57 76.14	15.94 2.75 65.61	-7.06 3.11 111.57	37.91 3.85 98.49	59.69 2.69 7.69	58.04 2.80 2.89	60.66 3.20 0.01
NORTHPORT___2 23552	40.11 2.95 18.48	51.63 2.73 0.01	52.17 2.32 0.01	51.57 2.19 0.01	52.75 2.28 0.01	58.46 2.42 2.21	37.85 4.08 70.23	99.12 7.55 100.19	33.27 1.77 18.03	45.33 1.97 0.00	48.30 2.71 0.00	45.03 3.02 1.81	41.88 2.88 2.92	54.42 3.45 0.84	16.15 3.19 42.52	18.86 3.97 52.12	48.01 4.88 82.85	15.01 3.57 76.14	15.94 2.75 65.61	-7.06 3.11 111.57	37.91 3.85 98.49	59.69 2.69 7.69	58.04 2.80 2.89	60.66 3.20 0.01
NORTHPORT___3 23553	47.68 2.97 10.93	51.65 2.75 0.01	52.19 2.34 0.01	51.59 2.21 0.01	52.76 2.30 0.01	59.37 2.42 1.29	66.86 4.06 41.20	140.53 7.54 58.77	40.70 1.74 10.58	45.34 1.98 0.00	48.33 2.74 0.00	45.08 3.05 1.79	41.94 2.92 2.89	54.46 3.49 0.83	33.75 3.21 24.94	40.38 3.95 30.58	82.18 4.80 48.60	46.47 3.55 44.66	43.05 2.74 38.49	39.06 3.11 65.44	78.64 3.86 57.78	62.86 2.68 4.51	59.22 2.78 1.70	60.69 3.23 0.01
NORTHPORT___4 23650	47.68 2.97 10.93	51.65 2.75 0.01	52.19 2.34 0.01	51.59 2.21 0.01	52.76 2.30 0.01	59.37 2.42 1.29	66.86 4.06 41.20	140.53 7.54 58.77	40.70 1.74 10.58	45.34 1.98 0.00	48.33 2.74 0.00	45.08 3.05 1.79	41.94 2.92 2.89	54.46 3.49 0.83	33.75 3.21 24.94	40.38 3.95 30.58	82.18 4.80 48.60	46.47 3.55 44.66	43.05 2.74 38.49	39.06 3.11 65.44	78.64 3.86 57.78	62.86 2.68 4.51	59.22 2.78 1.70	60.69 3.23 0.01
NORTHPORT___IC 23718	40.10 2.95 18.48	51.63 2.73 0.01	52.17 2.32 0.01	51.57 2.20 0.01	52.75 2.28 0.01	58.46 2.42 2.21	37.84 4.07 70.23	99.15 7.58 100.19	33.28 1.77 18.03	45.33 1.97 0.00	48.31 2.71 0.00	45.02 3.01 1.81	41.88 2.88 2.92	54.42 3.45 0.84	16.15 3.19 42.52	18.86 3.97 52.12	48.02 4.89 82.85	15.01 3.56 76.14	15.94 2.75 65.61	-7.04 3.13 111.57	37.91 3.85 98.49	59.69 2.69 7.69	58.03 2.79 2.89	60.66 3.20 0.01
NORTH___COUNTRY_ESR 323785	54.56 -1.08 0.00	47.61 -1.29 0.00	48.54 -1.31 0.00	48.08 -1.31 0.00	49.46 -1.01 0.00	57.42 -0.82 0.00	103.30 -0.70 0.00	191.41 -0.36 0.00	49.63 0.09 0.00	43.42 0.06 0.00	45.69 0.10 0.00	43.97 0.15 0.00	42.03 0.12 0.00	51.97 0.17 0.00	55.67 0.19 0.00	67.29 0.28 0.00	127.78 1.80 0.00	89.45 1.86 0.00	80.72 1.92 0.00	103.48 2.08 0.00	135.19 2.64 0.00	65.90 1.20 0.00	59.32 1.18 0.00	58.80 1.33 0.00
NPX_GEN_1385_PROXY 323591	40.23 3.07 18.48	51.79 2.89 0.01	52.38 2.54 0.01	51.80 2.42 0.01	52.35 2.48 0.60	59.20 2.81 1.85	59.62 4.98 49.36	133.47 9.26 67.56	51.90 2.19 -0.17	45.42 2.07 0.00	48.14 2.55 0.00	44.73 2.71 1.81	41.65 2.65 2.92	54.13 3.17 0.84	15.95 2.99 42.52	19.25 4.36 52.12	135.74 5.93 -3.82	34.06 4.29 57.81	27.36 3.43 54.87	61.84 3.98 43.54	91.05 4.94 46.45	71.52 3.25 -3.58	61.26 3.28 0.16	60.71 3.25 0.01
NPX_GEN_CSC 323557	63.21 4.19 -3.38	52.62 3.71 0.01	53.16 3.31 0.01	52.55 3.17 0.01	53.17 3.30 0.60	62.78 3.75 -0.79	124.49 6.65 -13.84	223.77 12.26 -19.74	55.84 2.75 -3.55	46.02 2.66 0.00	48.83 3.24 0.00	45.58 3.47 1.71	42.42 3.27 2.76	55.01 4.00 0.79	67.95 4.10 -8.37	82.68 5.40 -10.26	149.88 7.56 -16.33	107.78 5.19 -15.00	96.03 4.30 -12.93	128.60 5.21 -21.99	158.43 6.46 -19.41	70.23 4.02 -1.51	62.77 4.07 -0.56	61.79 4.32 0.01
NSINS_S_GLNS_FALLS 23858	59.41 3.77 0.00	52.32 3.40 0.00	53.09 3.25 0.00	52.63 3.25 0.00	53.85 3.38 0.00	62.61 4.37 0.00	111.70 7.70 0.00	205.28 13.51 0.00	53.28 3.74 0.00	45.63 2.28 0.00	47.95 2.35 0.00	46.10 2.28 0.00	44.11 2.20 0.00	54.85 3.06 0.00	59.12 3.64 0.00	71.89 4.88 0.00	135.48 9.49 0.00	93.34 5.76 0.00	84.62 5.82 0.00	108.43 7.04 0.00	142.79 10.23 0.00	69.32 4.62 0.00	61.78 3.64 0.00	61.02 3.55 0.00
NUCOR_STEEL___DRP 24197	56.33 0.68 0.00	49.30 0.39 0.00	50.53 0.68 0.00	50.11 0.72 0.00	51.21 0.74 0.00	59.01 0.77 0.00	105.07 1.06 0.00	194.03 2.26 0.00	50.18 0.65 0.00	44.06 0.70 0.00	46.18 0.59 0.00	44.31 0.49 0.00	42.22 0.30 0.00	52.02 0.22 0.00	55.45 -0.02 0.00	66.80 -0.21 0.00	125.30 -0.68 0.00	87.40 -0.19 0.00	79.02 0.22 0.00	101.41 0.01 0.00	132.31 -0.25 0.00	64.64 -0.06 0.00	58.17 0.04 0.00	57.71 0.24 0.00
NUMBER_THREE_WT_PWR 323818	55.14 -0.51 0.00	48.63 -0.28 0.00	49.92 0.07 0.00	49.50 0.11 0.00	50.71 0.24 0.00	58.98 0.74 0.00	105.88 1.88 0.00	195.85 4.08 0.00	50.23 0.69 0.00	43.01 -0.35 0.00	44.62 -0.97 0.00	42.85 -0.97 0.00	41.00 -0.91 0.00	51.18 -0.62 0.00	55.91 0.43 0.00	67.59 0.57 0.00	128.66 2.68 0.00	89.97 2.38 0.00	80.71 1.91 0.00	104.32 2.92 0.00	136.46 3.90 0.00	66.49 1.80 0.00	59.84 1.70 0.00	59.07 1.60 0.00
NYISO_LBMP_REFERENCE 24008	55.64 0.00 0.00	48.91 0.00 0.00	49.85 0.00 0.00	49.39 0.00 0.00	50.47 0.00 0.00	58.24 0.00 0.00	104.00 0.00 0.00	191.76 0.00 0.00	49.54 0.00 0.00	43.35 0.00 0.00	45.59 0.00 0.00	43.82 0.00 0.00	41.91 0.00 0.00	51.80 0.00 0.00	55.48 0.00 0.00	67.01 0.00 0.00	125.99 0.00 0.00	87.58 0.00 0.00	78.80 0.00 0.00	101.40 0.00 0.00	132.56 0.00 0.00	64.69 0.00 0.00	58.14 0.00 0.00	57.47 0.00 0.00
NYPA_BRENTWD____GT 24164	62.61 4.02 -2.95	52.37 3.47 0.00	52.93 3.09 0.00	52.31 2.93 0.00	53.51 3.04 0.00	62.04 3.42 -0.38	121.73 5.75 -11.97	219.26 10.42 -17.08	55.38 2.77 -3.07	46.03 2.68 0.00	48.94 3.35 0.00	45.89 3.50 1.44	42.91 3.32 2.32	55.35 4.21 0.66	67.03 4.32 -7.24	81.24 5.36 -8.88	147.49 7.38 -14.12	105.55 4.99 -12.98	94.03 4.05 -11.18	125.19 4.78 -19.02	155.32 5.98 -16.79	70.05 4.04 -1.31	62.49 3.86 -0.49	61.55 4.08 0.00

NYPA_GOWANUS____GT5 24156	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.80 4.22 0.00	82.21 3.41 0.00	105.38 3.99 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
NYPA_GOWANUS____GT6 24157	58.39 2.75 0.00	51.48 2.57 0.00	52.21 2.36 0.00	51.72 2.34 0.00	52.81 2.34 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.83 10.07 0.00	52.14 2.60 0.00	45.94 2.58 0.00	48.41 2.82 0.00	46.67 2.85 0.00	44.62 2.71 0.00	55.18 3.38 0.00	58.90 3.42 0.00	70.77 3.76 0.00	131.87 5.89 0.00	91.80 4.22 0.00	82.21 3.41 0.00	105.38 3.99 0.00	137.68 5.12 0.00	67.41 2.72 0.00	60.65 2.51 0.00	59.83 2.36 0.00
NYPA_HARLEM__RVR__GT1 24160	58.22 2.58 0.00	51.29 2.38 0.00	52.05 2.20 0.00	51.54 2.16 0.00	52.63 2.16 0.00	60.98 2.75 0.00	109.26 5.25 0.00	201.58 9.81 0.00	52.05 2.51 0.00	45.78 2.42 0.00	48.26 2.67 0.00	46.52 2.70 0.00	44.47 2.55 0.00	54.96 3.16 0.00	58.73 3.25 0.00	70.63 3.62 0.00	131.61 5.62 0.00	91.63 4.04 0.00	82.08 3.29 0.00	105.30 3.90 0.00	137.47 4.91 0.00	67.32 2.63 0.00	60.50 2.36 0.00	59.67 2.20 0.00
NYPA_HARLEM__RVR__GT2 24161	58.22 2.58 0.00	51.29 2.38 0.00	52.05 2.20 0.00	51.54 2.16 0.00	52.63 2.16 0.00	60.98 2.75 0.00	109.26 5.25 0.00	201.58 9.81 0.00	52.05 2.51 0.00	45.78 2.42 0.00	48.26 2.67 0.00	46.52 2.70 0.00	44.47 2.55 0.00	54.96 3.16 0.00	58.73 3.25 0.00	70.63 3.62 0.00	131.61 5.62 0.00	91.63 4.04 0.00	82.08 3.29 0.00	105.30 3.90 0.00	137.47 4.91 0.00	67.32 2.63 0.00	60.50 2.36 0.00	59.67 2.20 0.00
NYPA_KENT____GT 24152	58.31 2.67 0.00	51.38 2.47 0.00	52.13 2.29 0.00	51.62 2.24 0.00	52.71 2.24 0.00	61.01 2.77 0.00	109.27 5.27 0.00	201.50 9.73 0.00	52.04 2.50 0.00	45.88 2.52 0.00	48.35 2.76 0.00	46.61 2.79 0.00	44.57 2.66 0.00	55.11 3.31 0.00	58.83 3.35 0.00	70.70 3.69 0.00	131.65 5.67 0.00	91.65 4.06 0.00	82.07 3.28 0.00	105.20 3.80 0.00	137.33 4.77 0.00	67.27 2.58 0.00	60.50 2.37 0.00	59.72 2.26 0.00
NYPA_POUCH1____GT 24155	58.28 2.64 0.00	51.47 2.57 0.00	52.20 2.35 0.00	51.72 2.34 0.00	52.82 2.35 0.00	61.03 2.79 0.00	109.22 5.21 0.00	201.38 9.61 0.00	52.05 2.52 0.00	45.88 2.52 0.00	48.31 2.72 0.00	46.61 2.78 0.00	44.52 2.61 0.00	55.08 3.29 0.00	58.78 3.31 0.00	70.54 3.53 0.00	131.43 5.44 0.00	91.59 4.00 0.00	82.02 3.23 0.00	105.14 3.74 0.00	137.32 4.76 0.00	67.27 2.57 0.00	60.55 2.41 0.00	59.75 2.28 0.00
NYPA_VERNON____GT2 24162	58.24 2.59 0.00	51.28 2.37 0.00	52.04 2.19 0.00	51.52 2.14 0.00	52.61 2.14 0.00	60.92 2.68 0.00	109.10 5.10 0.00	201.14 9.37 0.00	51.94 2.41 0.00	45.81 2.46 0.00	48.29 2.70 0.00	46.56 2.74 0.00	44.52 2.60 0.00	55.04 3.24 0.00	58.76 3.28 0.00	70.64 3.62 0.00	131.44 5.45 0.00	91.48 3.89 0.00	81.91 3.11 0.00	105.00 3.60 0.00	137.00 4.45 0.00	67.13 2.43 0.00	60.34 2.21 0.00	59.60 2.14 0.00
NYPA_VERNON____GT3 24163	58.24 2.59 0.00	51.28 2.37 0.00	52.04 2.19 0.00	51.52 2.14 0.00	52.61 2.14 0.00	60.92 2.68 0.00	109.10 5.10 0.00	201.14 9.37 0.00	51.94 2.41 0.00	45.81 2.46 0.00	48.29 2.70 0.00	46.56 2.74 0.00	44.52 2.60 0.00	55.04 3.24 0.00	58.76 3.28 0.00	70.64 3.62 0.00	131.44 5.45 0.00	91.48 3.89 0.00	81.91 3.11 0.00	105.00 3.60 0.00	137.00 4.45 0.00	67.13 2.43 0.00	60.34 2.21 0.00	59.60 2.14 0.00
NYPA____ASTORIA_CC1 323568	58.14 2.50 0.00	51.21 2.30 0.00	51.96 2.11 0.00	51.45 2.07 0.00	52.51 2.04 0.00	60.83 2.59 0.00	108.96 4.96 0.00	200.80 9.04 0.00	51.86 2.33 0.00	45.74 2.38 0.00	48.22 2.62 0.00	46.48 2.65 0.00	44.46 2.55 0.00	54.94 3.14 0.00	58.66 3.18 0.00	70.51 3.50 0.00	131.27 5.28 0.00	91.32 3.74 0.00	81.79 2.99 0.00	104.84 3.44 0.00	136.83 4.27 0.00	67.03 2.34 0.00	60.26 2.12 0.00	59.50 2.03 0.00
NYPA____ASTORIA_CC2 323569	58.14 2.50 0.00	51.21 2.30 0.00	51.96 2.11 0.00	51.45 2.07 0.00	52.51 2.04 0.00	60.83 2.59 0.00	108.96 4.96 0.00	200.80 9.04 0.00	51.86 2.33 0.00	45.74 2.38 0.00	48.22 2.62 0.00	46.48 2.65 0.00	44.46 2.55 0.00	54.94 3.14 0.00	58.66 3.18 0.00	70.51 3.50 0.00	131.27 5.28 0.00	91.32 3.74 0.00	81.79 2.99 0.00	104.84 3.44 0.00	136.83 4.27 0.00	67.03 2.34 0.00	60.26 2.12 0.00	59.50 2.03 0.00
NYPA____HOLTSVILL 23794	62.72 3.53 -3.55	52.06 3.15 0.01	52.59 2.75 0.01	51.99 2.61 0.01	53.16 2.69 0.01	61.65 2.96 -0.46	123.64 5.11 -14.53	221.92 9.44 -20.72	55.43 2.16 -3.73	45.63 2.28 0.00	48.52 2.93 0.00	45.29 3.19 1.73	42.14 3.02 2.80	54.66 3.65 0.80	67.88 3.62 -8.79	82.36 4.57 -10.77	149.07 5.95 -17.14	107.53 4.19 -15.75	95.72 3.35 -13.57	128.39 3.92 -23.08	157.81 4.88 -20.37	69.54 3.25 -1.59	62.08 3.36 -0.59	61.14 3.67 0.01
NYPA____HELLGATE_GT1 24158	58.22 2.58 0.00	51.29 2.38 0.00	52.05 2.20 0.00	51.54 2.16 0.00	52.63 2.16 0.00	60.98 2.75 0.00	109.26 5.25 0.00	201.58 9.81 0.00	52.05 2.51 0.00	45.78 2.42 0.00	48.26 2.67 0.00	46.52 2.70 0.00	44.47 2.55 0.00	54.96 3.16 0.00	58.73 3.25 0.00	70.63 3.62 0.00	131.45 5.47 0.00	91.49 3.91 0.00	81.98 3.17 0.00	105.13 3.73 0.00	137.23 4.67 0.00	67.27 2.57 0.00	60.49 2.35 0.00	59.67 2.20 0.00
NYPA____HELLGATE_GT2 24159	58.22 2.58 0.00	51.29 2.38 0.00	52.05 2.20 0.00	51.54 2.16 0.00	52.63 2.16 0.00	60.98 2.75 0.00	109.26 5.25 0.00	201.58 9.81 0.00	52.05 2.51 0.00	45.78 2.42 0.00	48.26 2.67 0.00	46.52 2.70 0.00	44.47 2.55 0.00	54.96 3.16 0.00	58.73 3.25 0.00	70.63 3.62 0.00	131.45 5.47 0.00	91.49 3.91 0.00	81.98 3.17 0.00	105.13 3.73 0.00	137.23 4.67 0.00	67.27 2.57 0.00	60.49 2.35 0.00	59.67 2.20 0.00
NYS_BARGE____HYD 23848	55.50 1.46 1.60	47.92 1.06 2.06	47.33 1.34 3.86	48.64 1.37 2.12	50.31 1.24 1.40	57.91 0.43 0.76	101.34 -2.66 0.00	187.10 -4.67 0.00	47.91 -0.79 0.84	42.67 0.24 0.92	38.56 0.62 7.65	43.68 -0.15 0.00	41.67 -0.10 0.14	49.86 -0.44 1.49	54.13 -0.79 0.56	64.65 -2.10 0.26	119.17 -6.82 0.00	83.15 -4.44 0.00	74.29 -3.87 0.64	94.56 -5.00 1.84	121.81 -7.14 3.61	59.11 -3.43 2.15	54.39 -1.77 1.98	56.43 -1.04 0.00
OAK ORCHARD____HYD 24046	55.97 1.26 0.93	48.83 1.12 1.20	48.89 1.29 2.25	49.45 1.30 1.23	50.91 1.26 0.82	58.69 0.90 0.44	103.81 -0.19 0.00	191.85 0.08 0.00	49.28 0.24 0.50	43.59 0.78 0.54	42.14 1.03 4.49	44.34 0.52 0.00	42.31 0.48 0.08	51.30 0.37 0.87	55.31 0.16 0.33	66.20 -0.65 0.16	123.08 -2.90 0.00	85.87 -1.72 0.00	76.93 -1.49 0.38	98.43 -1.87 1.09	127.44 -2.97 2.15	62.08 -1.37 1.25	56.46 -0.53 1.14	57.20 -0.28 0.00

OAKDALE___35_KV_LOAD 356122	56.49 0.85 0.00	49.67 0.76 0.00	50.73 0.88 0.00	50.28 0.89 0.00	51.34 0.87 0.00	59.13 0.89 0.00	105.33 1.33 0.00	194.49 2.73 0.00	50.20 0.67 0.00	44.14 0.78 0.00	46.53 0.94 0.00	44.52 0.70 0.00	42.60 0.68 0.00	52.57 0.77 0.00	56.21 0.73 0.00	67.66 0.64 0.00	126.73 0.75 0.00	88.18 0.60 0.00	79.31 0.51 0.00	102.20 0.80 0.00	133.55 0.99 0.00	65.21 0.52 0.00	58.68 0.55 0.00	58.05 0.58 0.00
OCC_CHEM___DRP 24175	56.28 0.64 0.00	49.70 0.79 0.00	50.94 1.09 0.00	50.49 1.11 0.00	51.34 0.87 0.00	57.95 -0.29 0.00	99.77 -4.24 0.00	183.84 -7.92 0.00	47.98 -1.56 0.00	42.96 -0.40 0.00	45.63 0.04 0.00	43.05 -0.78 0.00	41.28 -0.63 0.00	50.84 -0.96 0.00	53.98 -1.50 0.00	63.68 -3.33 0.00	116.52 -9.47 0.00	81.12 -6.47 0.00	73.11 -5.69 0.00	94.05 -7.35 0.00	123.22 -9.34 0.00	60.07 -4.62 0.00	55.46 -2.68 0.00	55.43 -2.04 0.00
OH_GEN_PROXY 24063	54.46 0.80 1.97	47.12 0.75 2.54	46.11 1.03 4.76	47.83 1.05 2.61	49.07 0.92 2.32	57.65 -0.01 0.58	100.56 -3.44 0.00	185.65 -6.12 0.00	47.29 -1.21 1.03	42.09 -0.13 1.13	36.46 0.25 9.38	43.34 -0.48 0.00	41.38 -0.35 0.18	49.33 -0.63 1.84	53.77 -1.01 0.69	61.40 -2.55 3.07	118.08 -7.91 0.00	82.28 -5.30 0.00	73.36 -4.67 0.78	93.29 -5.89 2.22	119.93 -8.27 4.35	58.15 -3.93 2.62	53.46 -2.28 2.40	55.75 -1.72 0.00
OLIN_CORP_DRP 24177	56.48 0.84 0.00	49.35 0.44 0.00	50.56 0.71 0.00	50.13 0.74 0.00	51.08 0.61 0.00	57.95 -0.29 0.00	99.89 -4.11 0.00	184.05 -7.72 0.00	47.96 -1.58 0.00	42.95 -0.40 0.00	45.56 -0.04 0.00	43.07 -0.76 0.00	41.28 -0.63 0.00	50.69 -1.11 0.00	53.99 -1.49 0.00	64.03 -2.98 0.00	117.34 -8.65 0.00	81.74 -5.85 0.00	73.64 -5.16 0.00	94.72 -6.68 0.00	123.20 -9.36 0.00	60.26 -4.44 0.00	55.53 -2.61 0.00	55.74 -1.74 0.00
OLIN_CORP_DSASP 323712	56.28 0.64 0.00	49.70 0.79 0.00	50.94 1.09 0.00	50.49 1.11 0.00	51.34 0.87 0.00	57.95 -0.29 0.00	99.77 -4.24 0.00	183.84 -7.92 0.00	47.98 -1.56 0.00	42.96 -0.40 0.00	45.63 0.04 0.00	43.05 -0.78 0.00	41.28 -0.63 0.00	50.84 -0.96 0.00	53.98 -1.50 0.00	63.68 -3.33 0.00	116.52 -9.47 0.00	81.12 -6.47 0.00	73.11 -5.69 0.00	94.05 -7.35 0.00	123.22 -9.34 0.00	60.07 -4.62 0.00	55.46 -2.68 0.00	55.43 -2.04 0.00
ONEIDA_HERK_LFGE 323681	56.31 0.67 0.00	49.58 0.68 0.00	50.70 0.85 0.00	50.25 0.86 0.00	51.41 0.93 0.00	59.59 1.36 0.00	106.79 2.78 0.00	197.32 5.55 0.00	50.80 1.26 0.00	43.95 0.59 0.00	45.97 0.38 0.00	44.21 0.38 0.00	42.31 0.40 0.00	52.54 0.75 0.00	56.76 1.28 0.00	68.65 1.63 0.00	129.62 3.63 0.00	90.31 2.72 0.00	81.18 2.38 0.00	104.63 3.23 0.00	136.71 4.15 0.00	66.60 1.91 0.00	59.85 1.71 0.00	59.05 1.58 0.00
ONEIDA___115KV_TB4 55905	57.03 1.39 0.00	50.19 1.28 0.00	51.27 1.42 0.00	50.79 1.40 0.00	51.95 1.48 0.00	60.09 1.85 0.00	107.58 3.58 0.00	198.86 7.10 0.00	51.26 1.72 0.00	44.68 1.32 0.00	46.93 1.33 0.00	45.12 1.30 0.00	43.19 1.28 0.00	53.49 1.69 0.00	57.37 1.89 0.00	69.34 2.33 0.00	130.32 4.34 0.00	90.46 2.87 0.00	81.35 2.55 0.00	104.78 3.38 0.00	136.81 4.25 0.00	66.69 2.00 0.00	59.88 1.74 0.00	59.08 1.61 0.00
ONONDAGA_REF_OCCRA 23987	55.82 0.17 0.00	49.07 0.16 0.00	50.06 0.21 0.00	49.62 0.23 0.00	50.68 0.21 0.00	58.45 0.21 0.00	104.31 0.31 0.00	192.63 0.86 0.00	49.76 0.23 0.00	43.64 0.28 0.00	45.91 0.32 0.00	43.97 0.15 0.00	42.04 0.13 0.00	51.90 0.10 0.00	55.48 0.00 0.00	66.73 -0.28 0.00	125.04 -0.95 0.00	87.10 -0.49 0.00	78.36 -0.44 0.00	101.00 -0.40 0.00	131.93 -0.63 0.00	64.49 -0.20 0.00	57.96 -0.18 0.00	57.27 -0.20 0.00
ONONDAGA___COGEN 23986	55.61 -0.03 0.00	48.87 -0.05 0.00	49.89 0.04 0.00	49.44 0.05 0.00	50.51 0.04 0.00	58.26 0.02 0.00	103.95 -0.05 0.00	191.95 0.18 0.00	49.58 0.04 0.00	43.47 0.11 0.00	45.72 0.13 0.00	43.81 -0.02 0.00	41.88 -0.04 0.00	51.68 -0.12 0.00	55.25 -0.23 0.00	66.45 -0.56 0.00	124.53 -1.46 0.00	86.71 -0.87 0.00	78.07 -0.74 0.00	100.59 -0.81 0.00	131.39 -1.17 0.00	64.23 -0.47 0.00	57.75 -0.39 0.00	57.08 -0.39 0.00
ONTARIO___LFGE 23819	55.89 0.77 0.53	48.89 0.65 0.68	49.38 0.80 1.27	49.50 0.81 0.69	50.83 0.81 0.46	58.65 0.66 0.25	104.49 0.49 0.00	193.05 1.29 0.00	49.71 0.45 0.28	43.78 0.73 0.30	43.92 0.84 2.52	44.32 0.49 0.00	42.30 0.44 0.05	51.59 0.28 0.49	55.41 0.12 0.18	66.55 -0.37 0.09	124.48 -1.51 0.00	86.89 -0.70 0.00	77.98 -0.59 0.22	100.09 -0.66 0.64	130.07 -1.23 1.26	63.42 -0.57 0.70	57.26 -0.23 0.64	57.35 -0.12 0.00
ORANGEVILLE_WT_PWR 323706	55.92 0.28 0.00	49.15 0.24 0.00	50.28 0.43 0.00	49.96 0.57 0.00	50.92 0.45 0.00	58.04 -0.19 0.00	101.22 -2.79 0.00	187.48 -4.28 0.00	48.70 -0.84 0.00	43.33 -0.03 0.00	46.14 0.55 0.00	43.53 -0.29 0.00	41.73 -0.19 0.00	51.42 -0.38 0.00	54.67 -0.81 0.00	65.01 -2.00 0.00	120.52 -5.46 0.00	84.06 -3.52 0.00	75.75 -3.05 0.00	97.78 -3.62 0.00	127.06 -5.50 0.00	62.09 -2.60 0.00	56.85 -1.29 0.00	56.86 -0.61 0.00
ORANGEVILLE___ESR 323794	55.92 0.28 0.00	49.15 0.24 0.00	50.28 0.43 0.00	49.96 0.57 0.00	50.92 0.45 0.00	58.04 -0.19 0.00	101.22 -2.79 0.00	187.48 -4.28 0.00	48.70 -0.84 0.00	43.33 -0.03 0.00	46.14 0.55 0.00	43.53 -0.29 0.00	41.73 -0.19 0.00	51.42 -0.38 0.00	54.67 -0.81 0.00	65.01 -2.00 0.00	120.52 -5.46 0.00	84.06 -3.52 0.00	75.75 -3.05 0.00	97.78 -3.62 0.00	127.06 -5.50 0.00	62.09 -2.60 0.00	56.85 -1.29 0.00	56.86 -0.61 0.00
OSWEGATCHIE___HYD 24044	55.10 -0.54 0.00	48.33 -0.58 0.00	49.43 -0.41 0.00	48.97 -0.42 0.00	50.19 -0.29 0.00	58.12 -0.12 0.00	104.13 0.12 0.00	192.63 0.87 0.00	49.60 0.06 0.00	42.90 -0.46 0.00	44.86 -0.73 0.00	43.08 -0.75 0.00	41.11 -0.81 0.00	51.11 -0.69 0.00	55.25 -0.23 0.00	66.80 -0.22 0.00	126.57 0.58 0.00	88.32 0.74 0.00	79.67 0.87 0.00	103.01 1.61 0.00	134.73 2.18 0.00	65.87 1.18 0.00	59.34 1.20 0.00	58.68 1.21 0.00
OSWEGO___5 23606	54.55 -1.09 0.00	47.97 -0.94 0.00	48.95 -0.90 0.00	48.49 -0.89 0.00	49.55 -0.92 0.00	57.10 -1.14 0.00	101.77 -2.23 0.00	187.85 -3.92 0.00	48.54 -1.00 0.00	42.54 -0.82 0.00	44.74 -0.86 0.00	42.92 -0.90 0.00	41.05 -0.87 0.00	50.68 -1.11 0.00	54.23 -1.25 0.00	65.19 -1.82 0.00	122.25 -3.73 0.00	85.06 -2.52 0.00	76.54 -2.26 0.00	98.66 -2.73 0.00	128.95 -3.61 0.00	63.06 -1.63 0.00	56.71 -1.42 0.00	56.05 -1.42 0.00
OSWEGO___6 23613	54.55 -1.09 0.00	47.97 -0.94 0.00	48.95 -0.90 0.00	48.49 -0.89 0.00	49.55 -0.92 0.00	57.10 -1.14 0.00	101.77 -2.23 0.00	187.85 -3.92 0.00	48.54 -1.00 0.00	42.54 -0.82 0.00	44.74 -0.86 0.00	42.92 -0.90 0.00	41.05 -0.87 0.00	50.68 -1.11 0.00	54.23 -1.25 0.00	65.19 -1.82 0.00	122.25 -3.73 0.00	85.06 -2.52 0.00	76.54 -2.26 0.00	98.66 -2.73 0.00	128.95 -3.61 0.00	63.06 -1.63 0.00	56.71 -1.42 0.00	56.05 -1.42 0.00

OUTOKUMPU-AB___DRP 24206	57.31 1.67 0.00	50.39 1.48 0.00	51.60 1.75 0.00	51.16 1.77 0.00	52.09 1.61 0.00	59.01 0.77 0.00	101.97 -2.04 0.00	188.25 -3.52 0.00	49.03 -0.51 0.00	43.88 0.53 0.00	46.59 1.00 0.00	43.99 0.16 0.00	42.15 0.24 0.00	51.83 0.04 0.00	55.15 -0.33 0.00	65.27 -1.74 0.00	119.69 -6.29 0.00	83.54 -4.05 0.00	75.25 -3.55 0.00	96.89 -4.51 0.00	126.41 -6.15 0.00	61.64 -3.06 0.00	56.73 -1.41 0.00	56.71 -0.76 0.00
OXBOW___BTM 323836	54.91 1.08 1.81	47.64 1.06 2.33	46.84 1.36 4.36	48.37 1.38 2.39	50.05 1.16 1.58	57.54 0.16 0.86	100.69 -3.32 0.00	185.87 -5.90 0.00	47.52 -1.06 0.95	42.35 0.03 1.04	37.42 0.46 8.63	43.47 -0.35 0.00	41.50 -0.25 0.16	49.60 -0.51 1.69	53.87 -0.97 0.63	64.11 -2.61 0.30	117.97 -8.01 0.00	82.24 -5.34 0.00	73.38 -4.70 0.72	93.32 -6.00 2.07	120.30 -8.20 4.06	58.36 -3.90 2.44	53.81 -2.09 2.24	55.98 -1.49 0.00
OXBOW___ 24026	56.72 1.08 0.00	49.97 1.06 0.00	51.20 1.36 0.00	50.77 1.38 0.00	51.63 1.16 0.00	58.40 0.16 0.00	100.73 -3.28 0.00	185.87 -5.89 0.00	48.45 -1.09 0.00	43.39 0.03 0.00	46.06 0.47 0.00	43.47 -0.35 0.00	41.67 -0.24 0.00	51.27 -0.52 0.00	54.51 -0.97 0.00	64.40 -2.61 0.00	118.02 -7.97 0.00	82.25 -5.33 0.00	74.09 -4.71 0.00	95.40 -6.00 0.00	124.72 -7.84 0.00	60.79 -3.90 0.00	56.03 -2.11 0.00	56.01 -1.46 0.00
OXY_CHEM_DSASP 323612	56.28 0.64 0.00	49.70 0.79 0.00	50.94 1.09 0.00	50.49 1.11 0.00	51.34 0.87 0.00	57.95 -0.29 0.00	99.77 -4.24 0.00	183.84 -7.92 0.00	47.98 -1.56 0.00	42.96 -0.40 0.00	45.63 0.04 0.00	43.05 -0.78 0.00	41.28 -0.63 0.00	50.84 -0.96 0.00	53.98 -1.50 0.00	63.68 -3.33 0.00	116.52 -9.47 0.00	81.12 -6.47 0.00	73.11 -5.69 0.00	94.05 -7.35 0.00	123.22 -9.34 0.00	60.07 -4.62 0.00	55.46 -2.68 0.00	55.43 -2.04 0.00
OZONE_PARK_ESR 323760	58.79 3.14 0.00	51.71 2.81 0.00	52.48 2.63 0.00	51.95 2.56 0.00	53.03 2.56 0.00	61.49 3.25 0.00	110.18 6.18 0.00	203.38 11.61 0.00	52.39 2.85 0.00	46.19 2.83 0.00	48.71 3.12 0.00	46.94 3.12 0.00	44.87 2.95 0.00	55.49 3.69 0.00	59.27 3.79 0.00	71.39 4.38 0.00	132.99 7.01 0.00	92.56 4.98 0.00	82.89 4.09 0.00	106.32 4.92 0.00	138.68 6.13 0.00	67.91 3.21 0.00	60.96 2.82 0.00	60.22 2.75 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	56.28 0.64 0.00	49.70 0.79 0.00	50.94 1.09 0.00	50.49 1.11 0.00	51.34 0.87 0.00	57.95 -0.29 0.00	99.77 -4.24 0.00	183.84 -7.92 0.00	47.98 -1.56 0.00	42.96 -0.40 0.00	45.63 0.04 0.00	43.05 -0.78 0.00	41.28 -0.63 0.00	50.84 -0.96 0.00	53.98 -1.50 0.00	63.68 -3.33 0.00	116.52 -9.47 0.00	81.12 -6.47 0.00	73.11 -5.69 0.00	94.05 -7.35 0.00	123.22 -9.34 0.00	60.07 -4.62 0.00	55.46 -2.68 0.00	55.43 -2.04 0.00
PACKARD___115KV_DUPONT_184 80571	54.46 0.64 1.82	47.35 0.78 2.34	46.55 1.09 4.39	48.08 1.10 2.41	49.76 0.88 1.59	57.09 -0.29 0.87	99.74 -4.27 0.00	183.86 -7.90 0.00	47.05 -1.53 0.96	41.92 -0.39 1.04	36.95 0.02 8.67	43.04 -0.78 0.00	41.11 -0.64 0.16	49.14 -0.96 1.70	53.35 -1.49 0.63	63.38 -3.33 0.30	116.47 -9.51 0.00	81.10 -6.49 0.00	72.37 -5.71 0.73	91.97 -7.36 2.07	118.69 -9.81 4.07	57.64 -4.62 2.44	53.23 -2.67 2.24	55.39 -2.08 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	58.12 2.48 0.00	51.20 2.29 0.00	51.96 2.11 0.00	51.47 2.08 0.00	52.53 2.06 0.00	60.87 2.63 0.00	109.07 5.07 0.00	201.18 9.42 0.00	51.95 2.42 0.00	45.68 2.33 0.00	48.17 2.57 0.00	46.43 2.61 0.00	44.38 2.47 0.00	54.87 3.07 0.00	58.62 3.14 0.00	70.50 3.49 0.00	131.42 5.43 0.00	91.46 3.87 0.00	81.94 3.14 0.00	105.11 3.71 0.00	137.20 4.64 0.00	67.20 2.50 0.00	60.40 2.26 0.00	59.56 2.09 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	59.39 3.75 0.00	52.32 3.41 0.00	53.02 3.17 0.00	52.51 3.13 0.00	53.64 3.17 0.00	62.21 3.98 0.00	111.59 7.59 0.00	205.58 13.82 0.00	53.11 3.58 0.00	46.72 3.36 0.00	49.24 3.65 0.00	47.45 3.62 0.00	45.35 3.43 0.00	56.04 4.24 0.00	59.87 4.39 0.00	72.01 5.00 0.00	133.98 7.99 0.00	93.29 5.70 0.00	83.51 4.71 0.00	107.04 5.65 0.00	139.69 7.13 0.00	68.43 3.74 0.00	61.49 3.35 0.00	60.69 3.22 0.00
PATROON___115KV_TB1 80586	56.09 0.45 0.00	49.70 0.79 0.00	50.52 0.67 0.00	50.03 0.64 0.00	51.01 0.54 0.00	58.95 0.71 0.00	105.33 1.33 0.00	193.84 2.08 0.00	50.32 0.78 0.00	43.76 0.41 0.00	45.95 0.36 0.00	44.31 0.48 0.00	42.45 0.54 0.00	52.29 0.49 0.00	56.11 0.64 0.00	67.93 0.92 0.00	127.65 1.66 0.00	88.24 0.65 0.00	79.44 0.64 0.00	102.01 0.62 0.00	133.62 1.06 0.00	65.25 0.56 0.00	58.38 0.24 0.00	57.66 0.19 0.00
PATTRSNVILLE___SOLAR 323815	57.08 1.44 0.00	50.28 1.36 0.00	51.21 1.36 0.00	50.73 1.34 0.00	51.87 1.40 0.00	59.93 1.69 0.00	107.23 3.23 0.00	197.54 5.77 0.00	50.84 1.30 0.00	44.07 0.71 0.00	46.12 0.53 0.00	44.49 0.66 0.00	42.53 0.62 0.00	52.87 1.07 0.00	56.91 1.43 0.00	69.06 2.05 0.00	129.98 3.99 0.00	90.26 2.67 0.00	81.25 2.45 0.00	104.48 3.08 0.00	136.72 4.16 0.00	66.65 1.96 0.00	59.74 1.60 0.00	59.03 1.56 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	57.39 1.75 0.00	50.51 1.60 0.00	51.66 1.81 0.00	51.24 1.85 0.00	52.26 1.79 0.00	59.53 1.29 0.00	102.89 -1.12 0.00	190.29 -1.48 0.00	49.47 -0.06 0.00	44.24 0.88 0.00	47.04 1.45 0.00	44.35 0.53 0.00	42.57 0.65 0.00	52.48 0.68 0.00	55.91 0.43 0.00	66.08 -0.93 0.00	121.43 -4.56 0.00	84.71 -2.88 0.00	76.27 -2.53 0.00	98.65 -2.74 0.00	128.23 -4.33 0.00	62.55 -2.15 0.00	57.30 -0.84 0.00	57.16 -0.31 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	58.51 2.87 0.00	51.48 2.56 0.00	52.30 2.46 0.00	51.80 2.42 0.00	52.92 2.45 0.00	61.31 3.06 0.00	109.83 5.83 0.00	202.70 10.93 0.00	52.16 2.62 0.00	45.81 2.45 0.00	48.29 2.69 0.00	46.50 2.67 0.00	44.46 2.54 0.00	55.02 3.22 0.00	58.81 3.33 0.00	70.99 3.98 0.00	132.67 6.69 0.00	92.32 4.73 0.00	82.82 4.01 0.00	106.25 4.86 0.00	138.73 6.17 0.00	67.85 3.15 0.00	60.84 2.71 0.00	60.09 2.61 0.00
PEEKSKILL___ 23653	57.95 2.31 0.00	50.98 2.07 0.00	51.78 1.93 0.00	51.28 1.90 0.00	52.38 1.91 0.00	60.67 2.43 0.00	108.59 4.59 0.00	200.41 8.64 0.00	51.55 2.01 0.00	45.34 1.99 0.00	47.81 2.22 0.00	46.06 2.23 0.00	44.04 2.13 0.00	54.49 2.69 0.00	58.23 2.75 0.00	70.26 3.24 0.00	131.07 5.09 0.00	91.20 3.61 0.00	81.71 2.91 0.00	104.89 3.50 0.00	136.90 4.34 0.00	67.00 2.31 0.00	60.16 2.02 0.00	59.43 1.96 0.00
PGE MADISON___WINDPWR 24146	58.55 2.91 0.00	51.49 2.58 0.00	52.81 2.96 0.00	52.40 3.01 0.00	53.51 3.04 0.00	61.93 3.69 0.00	111.40 7.39 0.00	207.15 15.38 0.00	53.30 3.76 0.00	46.68 3.33 0.00	49.34 3.75 0.00	47.01 3.19 0.00	44.88 2.96 0.00	55.39 3.59 0.00	59.54 4.07 0.00	71.90 4.89 0.00	136.59 10.61 0.00	95.89 8.30 0.00	86.19 7.39 0.00	111.16 9.76 0.00	144.99 12.43 0.00	70.41 5.71 0.00	63.04 4.91 0.00	61.96 4.49 0.00

PIERCEFIELD___HYD 23852	55.86 0.22 0.00	48.78 -0.13 0.00	49.73 -0.12 0.00	49.24 -0.14 0.00	50.50 0.03 0.00	58.46 0.22 0.00	104.45 0.45 0.00	193.11 1.34 0.00	50.04 0.50 0.00	43.70 0.35 0.00	45.92 0.33 0.00	44.10 0.28 0.00	41.96 0.04 0.00	51.99 0.19 0.00	55.61 0.14 0.00	67.21 0.19 0.00	127.19 1.21 0.00	88.54 0.96 0.00	80.28 1.49 0.00	103.83 2.43 0.00	135.63 3.07 0.00	66.22 1.53 0.00	59.76 1.62 0.00	59.25 1.78 0.00
PINELAWN_CC_1 323563	59.92 3.62 -0.65	52.11 3.20 0.00	52.65 2.80 0.00	52.05 2.67 0.00	53.24 2.77 0.00	61.37 3.06 -0.08	111.94 5.46 -2.49	205.67 10.36 -3.54	52.60 2.42 -0.64	45.80 2.44 0.00	48.63 3.03 0.00	46.48 3.28 0.62	44.10 3.19 1.01	55.42 3.91 0.29	60.92 3.94 -1.50	73.71 4.86 -1.84	135.69 6.78 -2.93	95.18 4.90 -2.69	85.10 3.98 -2.32	110.00 4.65 -3.95	141.83 5.79 -3.48	68.53 3.56 -0.27	61.73 3.49 -0.10	61.21 3.74 0.00
PJM_GEN_HTTP_PROXY 323702	58.22 2.58 0.00	51.23 2.32 0.00	52.01 2.16 0.00	51.49 2.11 0.00	52.59 2.12 0.00	60.92 2.68 0.00	107.55 5.07 1.53	201.28 9.51 0.00	51.79 2.25 0.00	45.66 2.30 0.00	48.16 2.57 0.00	46.40 2.58 0.00	44.38 2.46 0.00	54.88 3.08 0.00	58.62 3.15 0.00	70.63 3.61 0.00	131.58 5.59 0.00	91.52 3.93 0.00	81.96 3.16 0.00	105.14 3.74 0.00	137.15 4.59 0.00	67.16 2.46 0.00	60.31 2.17 0.00	59.65 2.18 0.00
PJM_GEN_KEystone 24065	54.97 1.06 1.73	47.57 0.88 2.23	46.57 0.90 4.18	48.03 0.94 2.29	49.84 0.89 1.52	58.27 0.86 0.82	102.84 0.36 1.53	195.13 1.03 -2.34	45.87 0.10 3.77	43.05 0.67 0.98	38.54 1.11 8.16	44.60 0.77 0.00	42.60 0.84 0.16	51.15 0.96 1.62	55.69 0.82 0.60	66.97 0.24 0.28	124.60 -1.39 0.00	86.79 -0.80 0.00	75.31 -0.93 2.56	98.09 -1.05 2.26	126.27 -1.86 4.43	61.20 -0.79 2.71	55.36 -0.29 2.49	57.51 0.05 0.00
PJM_GEN_NEPTUNE_PROXY 323594	58.43 3.04 0.25	51.61 2.71 0.01	52.14 2.29 0.01	51.56 2.18 0.01	52.74 2.27 0.01	60.70 2.46 0.00	106.90 4.43 1.53	200.07 8.31 0.00	51.45 1.91 0.00	45.41 2.05 0.00	48.18 2.60 0.00	44.53 2.95 2.24	41.10 2.81 3.62	54.20 3.43 1.03	58.81 3.34 0.01	71.04 4.04 0.01	131.17 5.18 0.00	91.43 3.85 0.00	81.82 3.02 0.00	104.88 3.48 0.00	136.96 4.40 0.00	67.45 2.75 0.00	60.90 2.77 0.01	60.52 3.06 0.01
PJM_GEN_VFT_PROXY 323633	58.03 2.39 0.00	51.07 2.16 0.00	51.83 1.98 0.00	51.32 1.93 0.00	52.39 1.91 0.00	60.72 2.48 0.00	107.24 4.76 1.53	200.70 8.93 0.00	51.64 2.10 0.00	45.55 2.19 0.00	48.05 2.46 0.00	46.30 2.47 0.00	44.28 2.36 0.00	54.78 2.97 0.00	58.48 3.00 0.00	70.41 3.41 0.00	131.21 5.22 0.00	91.28 3.69 0.00	81.72 2.92 0.00	104.81 3.41 0.00	136.75 4.20 0.00	66.98 2.28 0.00	60.13 1.99 0.00	59.42 1.95 0.00
PLATSBURG_115KV_PMLD1 355749	54.89 -0.75 0.00	47.91 -1.00 0.00	48.83 -1.02 0.00	48.38 -1.01 0.00	49.79 -0.68 0.00	57.81 -0.43 0.00	104.03 0.02 0.00	192.77 1.00 0.00	49.87 0.33 0.00	43.59 0.23 0.00	45.86 0.26 0.00	44.17 0.35 0.00	42.25 0.33 0.00	52.24 0.44 0.00	55.99 0.52 0.00	67.71 0.70 0.00	128.48 2.49 0.00	89.95 2.36 0.00	81.20 2.40 0.00	103.98 2.58 0.00	135.86 3.30 0.00	66.24 1.55 0.00	59.62 1.49 0.00	59.08 1.61 0.00
PLEASANTVLY___LBMP 24000	57.58 1.94 0.00	50.69 1.78 0.00	51.53 1.69 0.00	51.04 1.65 0.00	52.12 1.65 0.00	60.30 2.06 0.00	107.92 3.91 0.00	199.01 7.24 0.00	51.27 1.73 0.00	45.04 1.69 0.00	47.47 1.87 0.00	45.72 1.90 0.00	43.72 1.81 0.00	54.09 2.29 0.00	57.82 2.34 0.00	69.78 2.77 0.00	130.29 4.30 0.00	90.55 2.96 0.00	81.21 2.41 0.00	104.26 2.86 0.00	136.17 3.62 0.00	66.65 1.95 0.00	59.81 1.68 0.00	59.10 1.63 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	58.07 2.43 0.00	51.12 2.21 0.00	51.90 2.05 0.00	51.39 2.01 0.00	52.48 2.01 0.00	60.78 2.54 0.00	108.78 4.77 0.00	200.73 8.97 0.00	51.69 2.16 0.00	45.47 2.12 0.00	47.95 2.36 0.00	46.19 2.37 0.00	44.17 2.25 0.00	54.64 2.84 0.00	58.39 2.91 0.00	70.44 3.43 0.00	131.36 5.37 0.00	91.39 3.81 0.00	81.91 3.11 0.00	105.11 3.72 0.00	137.23 4.67 0.00	67.17 2.48 0.00	60.30 2.16 0.00	59.56 2.09 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	58.07 2.43 0.00	51.12 2.21 0.00	51.90 2.05 0.00	51.39 2.01 0.00	52.48 2.01 0.00	60.78 2.54 0.00	108.78 4.77 0.00	200.73 8.97 0.00	51.69 2.16 0.00	45.47 2.12 0.00	47.95 2.36 0.00	46.19 2.37 0.00	44.17 2.25 0.00	54.64 2.84 0.00	58.39 2.91 0.00	70.44 3.43 0.00	131.36 5.37 0.00	91.39 3.81 0.00	81.91 3.11 0.00	105.11 3.72 0.00	137.23 4.67 0.00	67.17 2.48 0.00	60.30 2.16 0.00	59.56 2.09 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	58.21 2.56 0.00	51.22 2.31 0.00	52.06 2.21 0.00	51.58 2.19 0.00	52.68 2.21 0.00	60.99 2.75 0.00	109.22 5.22 0.00	201.18 9.41 0.00	51.80 2.26 0.00	45.42 2.06 0.00	47.85 2.25 0.00	46.10 2.27 0.00	44.09 2.18 0.00	54.54 2.74 0.00	58.35 2.88 0.00	70.45 3.44 0.00	131.78 5.80 0.00	91.65 4.06 0.00	82.23 3.43 0.00	105.60 4.20 0.00	137.88 5.33 0.00	67.45 2.75 0.00	60.50 2.36 0.00	59.72 2.25 0.00
POLETTI_____ 23519	57.57 1.93 0.00	50.72 1.81 0.00	51.47 1.63 0.00	50.98 1.60 0.00	52.05 1.58 0.00	60.32 2.08 0.00	108.13 4.12 0.00	199.44 7.67 0.00	51.51 1.97 0.00	45.30 1.94 0.00	47.74 2.15 0.00	46.03 2.21 0.00	44.00 2.08 0.00	54.39 2.59 0.00	58.12 2.64 0.00	69.91 2.89 0.00	130.20 4.21 0.00	90.64 3.05 0.00	81.20 2.40 0.00	104.13 2.74 0.00	135.93 3.37 0.00	66.62 1.93 0.00	59.88 1.74 0.00	59.02 1.55 0.00
POMONA___ESR 323819	58.06 2.41 0.00	51.06 2.15 0.00	51.86 2.01 0.00	51.36 1.98 0.00	52.47 2.00 0.00	60.76 2.52 0.00	108.80 4.79 0.00	200.81 9.05 0.00	51.60 2.06 0.00	45.39 2.04 0.00	47.89 2.29 0.00	46.14 2.31 0.00	44.09 2.18 0.00	54.59 2.79 0.00	58.31 2.83 0.00	70.37 3.36 0.00	131.32 5.34 0.00	91.38 3.80 0.00	81.88 3.07 0.00	105.11 3.71 0.00	137.16 4.60 0.00	67.12 2.43 0.00	60.25 2.12 0.00	59.51 2.04 0.00
PORT_JEFF_3 23555	62.53 3.56 -3.33	52.09 3.18 0.01	52.61 2.77 0.01	52.00 2.62 0.01	53.12 2.66 0.01	61.52 2.85 -0.43	122.39 4.71 -13.67	220.08 8.81 -19.50	55.06 2.02 -3.51	45.57 2.22 0.00	48.53 2.94 0.00	45.32 3.21 1.72	42.18 3.04 2.77	54.62 3.61 0.79	67.30 3.55 -8.27	81.55 4.40 -10.14	147.61 5.50 -16.13	106.24 3.83 -14.82	94.59 3.02 -12.77	126.58 3.47 -21.71	156.09 4.36 -19.17	69.31 3.12 -1.50	62.02 3.33 -0.55	61.14 3.67 0.01
PORT_JEFF_4 23616	62.53 3.56 -3.33	52.09 3.18 0.01	52.61 2.77 0.01	52.00 2.62 0.01	53.12 2.66 0.01	61.52 2.85 -0.43	122.39 4.71 -13.67	220.08 8.81 -19.50	55.06 2.02 -3.51	45.57 2.22 0.00	48.53 2.94 0.00	45.32 3.21 1.72	42.18 3.04 2.77	54.62 3.61 0.79	67.30 3.55 -8.27	81.55 4.40 -10.14	147.61 5.50 -16.13	106.24 3.83 -14.82	94.59 3.02 -12.77	126.58 3.47 -21.71	156.09 4.36 -19.17	69.31 3.12 -1.50	62.02 3.33 -0.55	61.14 3.67 0.01

PORT_JEFF_IC 23713	61.98 3.63 -2.71	52.16 3.25 0.01	52.68 2.84 0.01	52.08 2.71 0.01	53.21 2.74 0.01	61.58 2.98 -0.35	120.30 5.04 -11.26	217.18 9.35 -16.06	54.58 2.15 -2.89	45.66 2.30 0.00	48.60 3.01 0.00	45.41 3.26 1.67	42.30 3.08 2.70	54.62 3.59 0.77	65.94 3.65 -6.81	79.95 4.58 -8.35	145.06 5.79 -13.28	103.74 3.95 -12.21	92.46 3.14 -10.52	122.90 3.62 -17.89	152.90 4.55 -15.79	69.21 3.28 -1.23	62.04 3.45 -0.46	61.24 3.77 0.01
PPL PILGRIM_ST_GT1 24216	62.61 4.02 -2.95	52.37 3.47 0.00	52.93 3.09 0.00	52.31 2.93 0.00	53.51 3.04 0.00	62.04 3.42 -0.38	121.73 5.75 -11.97	219.26 10.42 -17.08	55.38 2.77 -3.07	46.03 2.68 0.00	48.94 3.35 0.00	45.89 3.50 1.44	42.91 3.32 2.32	55.35 4.21 0.66	67.03 4.32 -7.24	81.24 5.36 -8.88	147.49 7.38 -14.12	105.55 4.99 -12.98	94.03 4.05 -11.18	125.19 4.78 -19.02	155.32 5.98 -16.79	70.05 4.04 -1.31	62.49 3.86 -0.49	61.55 4.08 0.00
PPL PILGRIM_ST_GT2 24217	62.61 4.02 -2.95	52.37 3.47 0.00	52.93 3.09 0.00	52.31 2.93 0.00	53.51 3.04 0.00	62.04 3.42 -0.38	121.73 5.75 -11.97	219.26 10.42 -17.08	55.38 2.77 -3.07	46.03 2.68 0.00	48.94 3.35 0.00	45.89 3.50 1.44	42.91 3.32 2.32	55.35 4.21 0.66	67.03 4.32 -7.24	81.24 5.36 -8.88	147.49 7.38 -14.12	105.55 4.99 -12.98	94.03 4.05 -11.18	125.19 4.78 -19.02	155.32 5.98 -16.79	70.05 4.04 -1.31	62.49 3.86 -0.49	61.55 4.08 0.00
PPL_SHRM_GT3 24213	62.98 4.17 -3.16	52.60 3.69 0.01	53.13 3.29 0.01	52.54 3.16 0.01	53.75 3.28 0.01	62.36 3.71 -0.41	123.59 6.57 -13.01	222.44 12.11 -18.56	55.59 2.72 -3.34	45.99 2.63 0.00	48.80 3.21 0.00	45.56 3.43 1.69	42.42 3.24 2.73	54.99 3.97 0.78	67.39 4.04 -7.87	82.00 5.34 -9.65	148.81 7.47 -15.35	106.85 5.16 -14.11	95.24 4.29 -12.16	127.23 5.16 -20.67	157.25 6.44 -18.25	70.11 3.99 -1.43	62.72 4.05 -0.53	61.76 4.30 0.01
PPL_SHRM_GT4 24214	62.98 4.17 -3.16	52.60 3.69 0.01	53.13 3.29 0.01	52.54 3.16 0.01	53.75 3.28 0.01	62.36 3.71 -0.41	123.59 6.57 -13.01	222.44 12.11 -18.56	55.59 2.72 -3.34	45.99 2.63 0.00	48.80 3.21 0.00	45.56 3.43 1.69	42.42 3.24 2.73	54.99 3.97 0.78	67.39 4.04 -7.87	82.00 5.34 -9.65	148.81 7.47 -15.35	106.85 5.16 -14.11	95.24 4.29 -12.16	127.23 5.16 -20.67	157.25 6.44 -18.25	70.11 3.99 -1.43	62.72 4.05 -0.53	61.76 4.30 0.01
PROJECT___ORANGE 1 24174	55.37 -0.27 0.00	48.70 -0.21 0.00	49.69 -0.16 0.00	49.23 -0.16 0.00	50.30 -0.17 0.00	57.96 -0.28 0.00	103.35 -0.65 0.00	190.91 -0.86 0.00	49.33 -0.20 0.00	43.25 -0.10 0.00	45.53 -0.07 0.00	43.59 -0.23 0.00	41.69 -0.23 0.00	51.48 -0.32 0.00	55.03 -0.44 0.00	66.12 -0.89 0.00	123.79 -2.20 0.00	86.15 -1.43 0.00	77.49 -1.31 0.00	99.89 -1.51 0.00	130.48 -2.08 0.00	63.85 -0.85 0.00	57.40 -0.73 0.00	56.73 -0.74 0.00
PROJECT___ORANGE 2 24166	55.37 -0.27 0.00	48.70 -0.21 0.00	49.69 -0.16 0.00	49.23 -0.16 0.00	50.30 -0.17 0.00	57.96 -0.28 0.00	103.35 -0.65 0.00	190.91 -0.86 0.00	49.33 -0.20 0.00	43.25 -0.10 0.00	45.53 -0.07 0.00	43.59 -0.23 0.00	41.69 -0.23 0.00	51.48 -0.32 0.00	55.03 -0.44 0.00	66.12 -0.89 0.00	123.79 -2.20 0.00	86.15 -1.43 0.00	77.49 -1.31 0.00	99.89 -1.51 0.00	130.48 -2.08 0.00	63.85 -0.85 0.00	57.40 -0.73 0.00	56.73 -0.74 0.00
PUCKETT___SOLAR 323809	58.02 1.27 -1.11	51.49 1.16 -1.43	53.85 1.33 -2.68	52.24 1.38 -1.47	52.80 1.36 -0.97	60.33 1.56 -0.53	106.86 2.86 0.00	197.48 5.71 0.00	51.52 1.40 -0.58	45.36 1.37 -0.64	52.45 1.58 -5.28	45.01 1.18 0.00	43.11 1.09 -0.10	53.96 1.13 -1.04	57.04 1.18 -0.39	68.64 1.45 -0.17	129.30 3.31 0.00	90.16 2.58 0.00	81.51 2.30 -0.41	105.74 3.17 -1.18	138.88 4.00 -2.32	68.05 1.88 -1.48	61.17 1.67 -1.36	59.06 1.58 0.00
PYRITES___HYD 24023	56.81 1.17 0.00	49.56 0.65 0.00	50.53 0.68 0.00	50.04 0.65 0.00	51.32 0.85 0.00	59.39 1.15 0.00	106.25 2.25 0.00	196.52 4.76 0.00	50.88 1.34 0.00	44.42 1.06 0.00	46.60 1.01 0.00	44.67 0.84 0.00	42.35 0.44 0.00	52.29 0.49 0.00	55.88 0.40 0.00	67.65 0.64 0.00	129.31 3.32 0.00	90.39 2.81 0.00	81.71 2.91 0.00	105.71 4.32 0.00	138.02 5.46 0.00	67.33 2.63 0.00	60.64 2.51 0.00	60.14 2.67 0.00
QUAKERRD_115KV_BK1 80622	55.22 -0.42 0.00	48.57 -0.34 0.00	49.63 -0.22 0.00	49.18 -0.21 0.00	50.21 -0.26 0.00	57.50 -0.74 0.00	101.38 -2.62 0.00	187.13 -4.63 0.00	48.50 -1.04 0.00	42.91 -0.44 0.00	45.29 -0.30 0.00	43.16 -0.66 0.00	41.27 -0.64 0.00	50.85 -0.95 0.00	54.27 -1.20 0.00	64.82 -2.19 0.00	120.50 -5.48 0.00	84.00 -3.59 0.00	75.57 -3.22 0.00	97.34 -4.06 0.00	126.82 -5.74 0.00	62.02 -2.68 0.00	56.23 -1.91 0.00	55.77 -1.70 0.00
QUENSBRY_115KV_TB8 356137	59.58 3.94 0.00	52.47 3.56 0.00	53.21 3.36 0.00	52.77 3.38 0.00	53.99 3.52 0.00	62.83 4.59 0.00	112.06 8.05 0.00	205.91 14.14 0.00	53.52 3.98 0.00	45.74 2.39 0.00	48.08 2.48 0.00	46.21 2.39 0.00	44.22 2.30 0.00	55.02 3.23 0.00	59.30 3.83 0.00	72.18 5.17 0.00	136.10 10.11 0.00	93.69 6.10 0.00	85.00 6.20 0.00	108.86 7.47 0.00	143.52 10.96 0.00	69.60 4.90 0.00	61.98 3.84 0.00	61.20 3.73 0.00
RAMAPO___LBMP 323565	57.84 2.20 0.00	50.88 1.97 0.00	51.66 1.81 0.00	51.19 1.80 0.00	52.28 1.81 0.00	60.56 2.32 0.00	108.41 4.41 0.00	200.04 8.27 0.00	51.41 1.87 0.00	45.21 1.85 0.00	47.68 2.09 0.00	45.93 2.11 0.00	43.91 2.00 0.00	54.35 2.55 0.00	58.05 2.58 0.00	70.07 3.05 0.00	130.79 4.81 0.00	91.02 3.43 0.00	81.52 2.72 0.00	104.69 3.29 0.00	136.65 4.09 0.00	66.86 2.17 0.00	60.02 1.88 0.00	59.29 1.82 0.00
RANKINE____ 23646	57.33 1.69 0.00	50.38 1.48 0.00	51.59 1.74 0.00	51.16 1.77 0.00	52.13 1.66 0.00	59.30 1.06 0.00	102.67 -1.33 0.00	189.77 -1.99 0.00	49.37 -0.17 0.00	44.16 0.80 0.00	46.92 1.32 0.00	44.26 0.43 0.00	42.46 0.54 0.00	52.26 0.46 0.00	55.65 0.17 0.00	65.87 -1.15 0.00	121.13 -4.86 0.00	84.45 -3.14 0.00	76.08 -2.72 0.00	98.15 -3.25 0.00	127.62 -4.94 0.00	62.33 -2.36 0.00	57.16 -0.98 0.00	57.08 -0.39 0.00
RAVENSWOOD_GT2_1 24244	58.26 2.62 0.00	51.27 2.36 0.00	52.04 2.19 0.00	51.52 2.14 0.00	52.60 2.12 0.00	60.94 2.70 0.00	109.12 5.12 0.00	201.38 9.61 0.00	51.88 2.34 0.00	45.75 2.39 0.00	48.25 2.65 0.00	46.49 2.66 0.00	44.45 2.53 0.00	54.98 3.18 0.00	58.71 3.23 0.00	70.70 3.69 0.00	131.71 5.73 0.00	91.62 4.04 0.00	82.05 3.25 0.00	105.24 3.84 0.00	137.30 4.74 0.00	67.25 2.56 0.00	60.40 2.26 0.00	59.67 2.20 0.00
RAVENSWOOD_GT2_2 24245	58.26 2.62 0.00	51.27 2.36 0.00	52.04 2.19 0.00	51.52 2.14 0.00	52.60 2.12 0.00	60.94 2.70 0.00	109.12 5.12 0.00	201.38 9.61 0.00	51.88 2.34 0.00	45.75 2.39 0.00	48.25 2.65 0.00	46.49 2.66 0.00	44.45 2.53 0.00	54.98 3.18 0.00	58.71 3.23 0.00	70.70 3.69 0.00	131.71 5.73 0.00	91.62 4.04 0.00	82.05 3.25 0.00	105.24 3.84 0.00	137.30 4.74 0.00	67.25 2.56 0.00	60.40 2.26 0.00	59.67 2.20 0.00

RAVENSWOOD_GT2_3 24246	58.28 2.64 0.00	51.28 2.37 0.00	52.06 2.21 0.00	51.54 2.15 0.00	52.62 2.15 0.00	60.96 2.72 0.00	109.17 5.17 0.00	201.43 9.67 0.00	51.92 2.39 0.00	45.76 2.41 0.00	48.28 2.68 0.00	46.51 2.68 0.00	44.49 2.57 0.00	55.02 3.22 0.00	58.75 3.28 0.00	70.74 3.73 0.00	131.74 5.76 0.00	91.68 4.10 0.00	82.09 3.29 0.00	105.28 3.88 0.00	137.38 4.82 0.00	67.27 2.58 0.00	60.42 2.29 0.00	59.71 2.24 0.00
RAVENSWOOD_GT2_4 24247	58.28 2.64 0.00	51.28 2.37 0.00	52.06 2.21 0.00	51.54 2.15 0.00	52.62 2.15 0.00	60.96 2.72 0.00	109.17 5.17 0.00	201.43 9.67 0.00	51.92 2.39 0.00	45.76 2.41 0.00	48.28 2.68 0.00	46.51 2.68 0.00	44.49 2.57 0.00	55.02 3.22 0.00	58.75 3.28 0.00	70.74 3.73 0.00	131.74 5.76 0.00	91.68 4.10 0.00	82.09 3.29 0.00	105.28 3.88 0.00	137.38 4.82 0.00	67.27 2.58 0.00	60.42 2.29 0.00	59.71 2.24 0.00
RAVENSWOOD_GT3_1 24248	58.26 2.62 0.00	51.27 2.36 0.00	52.04 2.19 0.00	51.52 2.14 0.00	52.60 2.12 0.00	60.94 2.70 0.00	109.13 5.12 0.00	201.38 9.61 0.00	51.88 2.34 0.00	45.75 2.39 0.00	48.25 2.66 0.00	46.49 2.66 0.00	44.45 2.53 0.00	54.98 3.18 0.00	58.71 3.23 0.00	70.71 3.69 0.00	131.71 5.73 0.00	91.62 4.04 0.00	82.05 3.25 0.00	105.24 3.84 0.00	137.30 4.74 0.00	67.26 2.56 0.00	60.40 2.26 0.00	59.67 2.20 0.00
RAVENSWOOD_GT3_2 24249	58.26 2.62 0.00	51.27 2.36 0.00	52.04 2.19 0.00	51.52 2.14 0.00	52.60 2.12 0.00	60.94 2.70 0.00	109.13 5.12 0.00	201.38 9.61 0.00	51.88 2.34 0.00	45.75 2.39 0.00	48.25 2.66 0.00	46.49 2.66 0.00	44.45 2.53 0.00	54.98 3.18 0.00	58.71 3.23 0.00	70.71 3.69 0.00	131.71 5.73 0.00	91.62 4.04 0.00	82.05 3.25 0.00	105.24 3.84 0.00	137.30 4.74 0.00	67.26 2.56 0.00	60.40 2.26 0.00	59.67 2.20 0.00
RAVENSWOOD_GT3_3 24250	58.34 2.70 0.00	51.33 2.42 0.00	52.11 2.26 0.00	51.59 2.20 0.00	52.67 2.20 0.00	61.02 2.79 0.00	109.29 5.29 0.00	201.66 9.89 0.00	51.98 2.44 0.00	45.82 2.46 0.00	48.34 2.74 0.00	46.57 2.74 0.00	44.53 2.62 0.00	55.08 3.28 0.00	58.81 3.34 0.00	70.83 3.82 0.00	131.90 5.91 0.00	91.77 4.19 0.00	82.19 3.39 0.00	105.42 4.02 0.00	137.54 4.98 0.00	67.34 2.64 0.00	60.48 2.35 0.00	59.76 2.29 0.00
RAVENSWOOD_GT3_4 24251	58.34 2.70 0.00	51.33 2.42 0.00	52.11 2.26 0.00	51.59 2.20 0.00	52.67 2.20 0.00	61.02 2.79 0.00	109.29 5.29 0.00	201.66 9.89 0.00	51.98 2.44 0.00	45.82 2.46 0.00	48.34 2.74 0.00	46.57 2.74 0.00	44.53 2.62 0.00	55.08 3.28 0.00	58.81 3.34 0.00	70.83 3.82 0.00	131.90 5.91 0.00	91.77 4.19 0.00	82.19 3.39 0.00	105.42 4.02 0.00	137.54 4.98 0.00	67.34 2.64 0.00	60.48 2.35 0.00	59.76 2.29 0.00
RAVENSWOOD_GT_1 23729	58.23 2.59 0.00	51.28 2.37 0.00	52.04 2.19 0.00	51.53 2.15 0.00	52.60 2.13 0.00	60.92 2.68 0.00	109.09 5.09 0.00	201.12 9.36 0.00	51.95 2.42 0.00	45.81 2.46 0.00	48.30 2.70 0.00	46.56 2.74 0.00	44.52 2.60 0.00	55.05 3.25 0.00	58.76 3.29 0.00	70.64 3.63 0.00	131.44 5.45 0.00	91.47 3.89 0.00	81.91 3.11 0.00	105.00 3.61 0.00	137.00 4.45 0.00	67.13 2.43 0.00	60.35 2.22 0.00	59.59 2.12 0.00
RAVENSWOOD_GT_10 24258	58.27 2.62 0.00	51.27 2.36 0.00	52.05 2.20 0.00	51.52 2.14 0.00	52.60 2.13 0.00	60.94 2.70 0.00	109.15 5.15 0.00	201.40 9.64 0.00	51.88 2.34 0.00	45.75 2.39 0.00	48.25 2.66 0.00	46.49 2.66 0.00	44.46 2.54 0.00	54.98 3.18 0.00	58.72 3.24 0.00	70.71 3.70 0.00	131.73 5.74 0.00	91.63 4.05 0.00	82.07 3.27 0.00	105.25 3.86 0.00	137.30 4.74 0.00	67.26 2.57 0.00	60.40 2.27 0.00	59.67 2.20 0.00
RAVENSWOOD_GT_11 24259	58.27 2.62 0.00	51.27 2.36 0.00	52.05 2.20 0.00	51.52 2.14 0.00	52.60 2.13 0.00	60.94 2.70 0.00	109.15 5.15 0.00	201.40 9.64 0.00	51.88 2.34 0.00	45.75 2.39 0.00	48.25 2.66 0.00	46.49 2.66 0.00	44.46 2.54 0.00	54.98 3.18 0.00	58.72 3.24 0.00	70.71 3.70 0.00	131.73 5.74 0.00	91.63 4.05 0.00	82.07 3.27 0.00	105.25 3.86 0.00	137.30 4.74 0.00	67.26 2.57 0.00	60.40 2.27 0.00	59.67 2.20 0.00
RAVENSWOOD_GT_4 24252	58.23 2.59 0.00	51.25 2.35 0.00	52.02 2.17 0.00	51.51 2.12 0.00	52.58 2.11 0.00	60.91 2.67 0.00	109.08 5.08 0.00	201.24 9.48 0.00	51.89 2.35 0.00	45.75 2.40 0.00	48.25 2.66 0.00	46.49 2.67 0.00	44.45 2.54 0.00	54.98 3.18 0.00	58.71 3.24 0.00	70.66 3.64 0.00	131.60 5.61 0.00	91.55 3.97 0.00	82.00 3.20 0.00	105.14 3.74 0.00	137.23 4.67 0.00	67.20 2.51 0.00	60.36 2.22 0.00	59.62 2.15 0.00
RAVENSWOOD_GT_5 24254	58.23 2.59 0.00	51.25 2.35 0.00	52.02 2.17 0.00	51.51 2.12 0.00	52.58 2.11 0.00	60.91 2.67 0.00	109.08 5.08 0.00	201.24 9.48 0.00	51.89 2.35 0.00	45.75 2.40 0.00	48.25 2.66 0.00	46.49 2.67 0.00	44.45 2.54 0.00	54.98 3.18 0.00	58.71 3.24 0.00	70.66 3.64 0.00	131.60 5.61 0.00	91.55 3.97 0.00	82.00 3.20 0.00	105.14 3.74 0.00	137.23 4.67 0.00	67.20 2.51 0.00	60.36 2.22 0.00	59.62 2.15 0.00
RAVENSWOOD_GT_6 24253	58.23 2.59 0.00	51.25 2.35 0.00	52.02 2.17 0.00	51.51 2.12 0.00	52.58 2.11 0.00	60.91 2.67 0.00	109.08 5.08 0.00	201.24 9.48 0.00	51.89 2.35 0.00	45.75 2.40 0.00	48.25 2.66 0.00	46.49 2.67 0.00	44.45 2.54 0.00	54.98 3.18 0.00	58.71 3.24 0.00	70.66 3.64 0.00	131.60 5.61 0.00	91.55 3.97 0.00	82.00 3.20 0.00	105.14 3.74 0.00	137.23 4.67 0.00	67.20 2.51 0.00	60.36 2.22 0.00	59.62 2.15 0.00
RAVENSWOOD_GT_7 24255	58.23 2.59 0.00	51.25 2.35 0.00	52.02 2.17 0.00	51.51 2.12 0.00	52.58 2.11 0.00	60.91 2.67 0.00	109.08 5.08 0.00	201.24 9.48 0.00	51.89 2.35 0.00	45.75 2.40 0.00	48.25 2.66 0.00	46.49 2.67 0.00	44.45 2.54 0.00	54.98 3.18 0.00	58.71 3.24 0.00	70.66 3.64 0.00	131.60 5.61 0.00	91.55 3.97 0.00	82.00 3.20 0.00	105.14 3.74 0.00	137.23 4.67 0.00	67.20 2.51 0.00	60.36 2.22 0.00	59.62 2.15 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	58.27 2.62 0.00	51.27 2.36 0.00	52.05 2.20 0.00	51.52 2.14 0.00	52.60 2.13 0.00	60.94 2.70 0.00	109.15 5.15 0.00	201.40 9.64 0.00	51.88 2.34 0.00	45.75 2.39 0.00	48.25 2.66 0.00	46.49 2.66 0.00	44.46 2.54 0.00	54.98 3.18 0.00	58.72 3.24 0.00	70.71 3.70 0.00	131.73 5.74 0.00	91.63 4.05 0.00	82.07 3.27 0.00	105.25 3.86 0.00	137.30 4.74 0.00	67.26 2.57 0.00	60.40 2.27 0.00	59.67 2.20 0.00
RAVENSWOOD_GT_9 24257	58.27 2.62 0.00	51.27 2.36 0.00	52.05 2.20 0.00	51.52 2.14 0.00	52.60 2.13 0.00	60.94 2.70 0.00	109.15 5.15 0.00	201.40 9.64 0.00	51.88 2.34 0.00	45.75 2.39 0.00	48.25 2.66 0.00	46.49 2.66 0.00	44.46 2.54 0.00	54.98 3.18 0.00	58.72 3.24 0.00	70.71 3.70 0.00	131.73 5.74 0.00	91.63 4.05 0.00	82.07 3.27 0.00	105.25 3.86 0.00	137.30 4.74 0.00	67.26 2.57 0.00	60.40 2.27 0.00	59.67 2.20 0.00

RAVENSWOOD___1 23533	58.20 2.56 0.00	51.26 2.35 0.00	52.01 2.16 0.00	51.50 2.12 0.00	52.57 2.10 0.00	60.89 2.65 0.00	109.05 5.04 0.00	201.06 9.30 0.00	51.92 2.38 0.00	45.79 2.43 0.00	48.27 2.68 0.00	46.52 2.70 0.00	44.50 2.58 0.00	55.00 3.21 0.00	58.73 3.25 0.00	70.59 3.57 0.00	131.41 5.42 0.00	91.45 3.86 0.00	81.90 3.10 0.00	104.98 3.59 0.00	137.00 4.44 0.00	67.11 2.42 0.00	60.32 2.18 0.00	59.58 2.11 0.00
RAVENSWOOD___2 23534	58.18 2.54 0.00	51.22 2.31 0.00	51.98 2.13 0.00	51.47 2.08 0.00	52.55 2.08 0.00	60.86 2.62 0.00	109.00 4.99 0.00	200.96 9.19 0.00	51.89 2.35 0.00	45.76 2.40 0.00	48.25 2.65 0.00	46.50 2.67 0.00	44.47 2.56 0.00	54.97 3.17 0.00	58.69 3.21 0.00	70.57 3.55 0.00	131.40 5.42 0.00	91.43 3.85 0.00	81.88 3.08 0.00	104.96 3.56 0.00	136.97 4.42 0.00	67.08 2.38 0.00	60.30 2.16 0.00	59.55 2.08 0.00
RAVENSWOOD___3 23535	58.27 2.62 0.00	51.27 2.37 0.00	52.04 2.19 0.00	51.52 2.13 0.00	52.60 2.13 0.00	60.94 2.70 0.00	109.14 5.13 0.00	201.38 9.61 0.00	51.88 2.34 0.00	45.75 2.40 0.00	48.25 2.66 0.00	46.49 2.66 0.00	44.46 2.54 0.00	54.98 3.18 0.00	58.71 3.24 0.00	70.71 3.70 0.00	131.72 5.73 0.00	91.62 4.04 0.00	82.04 3.25 0.00	105.24 3.84 0.00	137.30 4.74 0.00	67.26 2.56 0.00	60.40 2.26 0.00	59.68 2.21 0.00
RAVENSWOOD___4 23820	58.18 2.54 0.00	51.22 2.31 0.00	51.98 2.13 0.00	51.47 2.08 0.00	52.55 2.08 0.00	60.86 2.62 0.00	109.00 4.99 0.00	200.96 9.19 0.00	51.89 2.35 0.00	45.76 2.40 0.00	48.25 2.65 0.00	46.50 2.67 0.00	44.47 2.56 0.00	54.97 3.17 0.00	58.69 3.21 0.00	70.57 3.55 0.00	131.40 5.42 0.00	91.43 3.85 0.00	81.88 3.08 0.00	104.96 3.56 0.00	136.97 4.42 0.00	67.08 2.38 0.00	60.30 2.16 0.00	59.55 2.08 0.00
RCPL_TRUST___DRP 24196	58.30 2.66 0.00	51.32 2.41 0.00	52.10 2.25 0.00	51.59 2.20 0.00	52.66 2.19 0.00	61.01 2.78 0.00	109.27 5.27 0.00	201.61 9.85 0.00	51.90 2.37 0.00	45.77 2.41 0.00	48.30 2.70 0.00	46.53 2.71 0.00	44.50 2.59 0.00	55.04 3.24 0.00	58.78 3.30 0.00	70.79 3.78 0.00	131.85 5.86 0.00	91.70 4.12 0.00	82.13 3.33 0.00	105.31 3.92 0.00	137.38 4.82 0.00	67.22 2.53 0.00	60.37 2.23 0.00	59.70 2.23 0.00
RED___ROCHESTER 323720	56.31 1.61 0.94	49.09 1.39 1.20	49.16 1.56 2.26	49.70 1.55 1.24	51.18 1.53 0.82	59.04 1.24 0.44	104.49 0.49 0.00	193.19 1.42 0.00	49.64 0.60 0.50	43.92 1.10 0.54	42.48 1.39 4.50	44.67 0.85 0.00	42.62 0.79 0.08	51.68 0.76 0.87	55.74 0.59 0.33	66.73 -0.13 0.16	124.04 -1.94 0.00	86.62 -0.96 0.00	77.61 -0.80 0.39	99.28 -1.02 1.10	128.50 -1.90 2.16	62.58 -0.86 1.25	56.88 -0.11 1.15	57.56 0.09 0.00
REGAN___SOLAR 323812	57.54 1.90 0.00	50.64 1.73 0.00	51.58 1.73 0.00	51.06 1.68 0.00	52.30 1.83 0.00	60.47 2.23 0.00	108.43 4.42 0.00	200.18 8.42 0.00	51.33 1.79 0.00	43.84 0.48 0.00	45.80 0.20 0.00	44.39 0.56 0.00	42.37 0.45 0.00	53.27 1.47 0.00	57.48 2.01 0.00	69.90 2.88 0.00	131.90 5.92 0.00	91.90 4.32 0.00	82.67 3.87 0.00	106.33 4.94 0.00	138.93 6.37 0.00	67.65 2.96 0.00	60.61 2.47 0.00	59.81 2.34 0.00
RENSSELAER___COGEN 23796	55.88 0.24 0.00	49.48 0.57 0.00	50.31 0.46 0.00	49.85 0.46 0.00	50.82 0.35 0.00	58.70 0.46 0.00	104.82 0.82 0.00	192.83 1.07 0.00	50.05 0.51 0.00	43.57 0.21 0.00	45.69 0.10 0.00	44.06 0.24 0.00	42.21 0.30 0.00	52.01 0.21 0.00	55.76 0.29 0.00	67.53 0.52 0.00	126.89 0.91 0.00	87.74 0.15 0.00	79.02 0.23 0.00	101.49 0.09 0.00	132.97 0.41 0.00	64.96 0.27 0.00	58.13 -0.01 0.00	57.44 -0.03 0.00
REPUBLIC_115KV_BARTNBRK 55605	62.83 7.19 0.00	55.34 6.43 0.00	55.77 5.92 0.00	54.93 5.54 0.00	56.36 5.89 0.00	66.21 7.97 0.00	117.49 13.49 0.00	215.23 23.47 0.00	56.49 6.96 0.00	47.26 3.91 0.00	49.96 4.37 0.00	47.95 4.12 0.00	45.89 3.97 0.00	57.37 5.58 0.00	62.13 6.66 0.00	76.18 9.17 0.00	144.76 18.78 0.00	98.41 10.83 0.00	90.29 11.49 0.00	115.16 13.77 0.00	152.36 19.79 0.00	73.34 8.64 0.00	64.70 6.56 0.00	64.03 6.56 0.00
REVERE_CPPR_DRP 24186	57.32 1.67 0.00	50.43 1.52 0.00	51.52 1.68 0.00	51.07 1.68 0.00	52.23 1.76 0.00	60.52 2.28 0.00	108.48 4.48 0.00	200.59 8.83 0.00	51.68 2.14 0.00	44.85 1.49 0.00	47.04 1.45 0.00	45.30 1.48 0.00	43.35 1.44 0.00	53.79 1.99 0.00	57.88 2.40 0.00	69.95 2.94 0.00	131.76 5.77 0.00	91.56 3.97 0.00	82.27 3.47 0.00	106.02 4.62 0.00	138.36 5.80 0.00	67.42 2.73 0.00	60.54 2.40 0.00	59.68 2.21 0.00
REYNLDPA_13_KV_LD 356490	55.94 0.29 0.00	48.88 -0.03 0.00	49.78 -0.07 0.00	49.29 -0.10 0.00	50.48 0.01 0.00	58.36 0.12 0.00	104.40 0.39 0.00	192.48 0.72 0.00	49.73 0.19 0.00	43.57 0.22 0.00	45.85 0.25 0.00	44.09 0.27 0.00	42.12 0.20 0.00	52.04 0.24 0.00	55.73 0.25 0.00	67.32 0.31 0.00	127.46 1.47 0.00	88.87 1.29 0.00	79.50 0.69 0.00	102.81 1.42 0.00	133.11 0.55 0.00	65.64 0.95 0.00	59.21 1.08 0.00	58.74 1.27 0.00
REYNOLDS_115KV_TB3 80639	56.34 0.70 0.00	49.88 0.97 0.00	50.67 0.82 0.00	50.22 0.84 0.00	51.23 0.76 0.00	59.19 0.95 0.00	105.65 1.65 0.00	193.93 2.17 0.00	50.42 0.88 0.00	43.84 0.48 0.00	45.94 0.34 0.00	44.28 0.46 0.00	42.42 0.51 0.00	52.37 0.56 0.00	56.15 0.67 0.00	67.96 0.95 0.00	127.79 1.80 0.00	88.24 0.65 0.00	79.55 0.75 0.00	102.17 0.77 0.00	134.01 1.45 0.00	65.45 0.75 0.00	58.54 0.40 0.00	57.87 0.40 0.00
RIVERBAY____ 323610	59.39 3.75 0.00	52.32 3.41 0.00	53.02 3.17 0.00	52.51 3.13 0.00	53.64 3.17 0.00	62.21 3.98 0.00	111.59 7.59 0.00	205.58 13.82 0.00	53.11 3.58 0.00	46.72 3.36 0.00	49.24 3.65 0.00	47.45 3.62 0.00	45.35 3.43 0.00	56.04 4.24 0.00	59.87 4.39 0.00	72.01 5.00 0.00	133.98 7.99 0.00	93.29 5.70 0.00	83.51 4.71 0.00	107.04 5.65 0.00	139.69 7.13 0.00	68.43 3.74 0.00	61.49 3.35 0.00	60.69 3.22 0.00
RIVERSDE_115KV_TB3 55908	56.07 0.43 0.00	49.66 0.75 0.00	50.47 0.62 0.00	50.00 0.61 0.00	50.99 0.52 0.00	58.91 0.67 0.00	105.22 1.21 0.00	193.50 1.74 0.00	50.24 0.70 0.00	43.71 0.36 0.00	45.86 0.26 0.00	44.21 0.38 0.00	42.36 0.44 0.00	52.21 0.41 0.00	55.99 0.51 0.00	67.78 0.77 0.00	127.39 1.41 0.00	88.05 0.46 0.00	79.33 0.53 0.00	101.84 0.44 0.00	133.49 0.93 0.00	65.19 0.49 0.00	58.32 0.18 0.00	57.63 0.16 0.00
ROARING___BROOK_WT_PWR 323790	54.99 -0.66 0.00	48.36 -0.55 0.00	49.27 -0.58 0.00	48.90 -0.48 0.00	49.98 -0.49 0.00	57.77 -0.48 0.00	103.22 -0.79 0.00	190.42 -1.35 0.00	49.08 -0.46 0.00	42.87 -0.49 0.00	45.10 -0.49 0.00	43.32 -0.50 0.00	41.33 -0.58 0.00	51.24 -0.56 0.00	55.13 -0.35 0.00	66.68 -0.33 0.00	125.71 -0.28 0.00	87.56 -0.03 0.00	78.79 -0.01 0.00	101.63 0.23 0.00	132.94 0.38 0.00	64.76 0.06 0.00	58.26 0.12 0.00	57.70 0.23 0.00

ROCHESRG_115KV_T4 355643	56.62 0.98 0.00	49.78 0.87 0.00	50.88 1.04 0.00	50.42 1.04 0.00	51.46 0.99 0.00	58.80 0.56 0.00	103.22 -0.79 0.00	190.66 -1.10 0.00	49.44 -0.10 0.00	43.85 0.49 0.00	46.35 0.76 0.00	44.07 0.25 0.00	42.15 0.23 0.00	51.90 0.10 0.00	55.35 -0.13 0.00	66.00 -1.02 0.00	122.33 -3.65 0.00	85.32 -2.26 0.00	76.82 -1.98 0.00	98.90 -2.50 0.00	128.80 -3.76 0.00	62.95 -1.74 0.00	57.28 -0.86 0.00	56.89 -0.58 0.00
ROCHESTER_9_IC 23652	57.04 1.40 0.00	50.13 1.22 0.00	51.24 1.39 0.00	50.78 1.39 0.00	51.83 1.36 0.00	59.26 1.02 0.00	104.08 0.08 0.00	192.32 0.55 0.00	49.89 0.36 0.00	44.25 0.89 0.00	46.77 1.18 0.00	44.47 0.64 0.00	42.51 0.59 0.00	52.31 0.52 0.00	55.81 0.33 0.00	66.56 -0.45 0.00	123.47 -2.52 0.00	86.15 -1.43 0.00	77.56 -1.24 0.00	99.81 -1.59 0.00	129.98 -2.59 0.00	63.50 -1.19 0.00	57.77 -0.37 0.00	57.35 -0.12 0.00
ROCKVIEW_13_KV_LD 356306	58.32 2.68 0.00	51.32 2.41 0.00	52.11 2.26 0.00	51.59 2.21 0.00	52.68 2.21 0.00	61.02 2.78 0.00	109.26 5.26 0.00	201.59 9.82 0.00	51.91 2.37 0.00	45.70 2.34 0.00	48.21 2.61 0.00	46.43 2.61 0.00	44.40 2.49 0.00	54.93 3.13 0.00	58.69 3.21 0.00	70.77 3.76 0.00	131.95 5.96 0.00	91.79 4.21 0.00	82.26 3.46 0.00	105.54 4.15 0.00	137.77 5.21 0.00	67.43 2.73 0.00	60.54 2.40 0.00	59.79 2.32 0.00
ROME____115KV_TB2 80656	57.32 1.67 0.00	50.43 1.52 0.00	51.52 1.68 0.00	51.07 1.68 0.00	52.23 1.76 0.00	60.52 2.28 0.00	108.48 4.48 0.00	200.59 8.83 0.00	51.68 2.14 0.00	44.85 1.49 0.00	47.04 1.45 0.00	45.30 1.48 0.00	43.35 1.44 0.00	53.79 1.99 0.00	57.88 2.40 0.00	69.95 2.94 0.00	131.76 5.77 0.00	91.56 3.97 0.00	82.27 3.47 0.00	106.02 4.62 0.00	138.36 5.80 0.00	67.42 2.73 0.00	60.54 2.40 0.00	59.68 2.21 0.00
ROSETON___1 23587	57.63 1.99 0.00	50.73 1.82 0.00	51.56 1.71 0.00	51.07 1.68 0.00	52.16 1.69 0.00	60.35 2.11 0.00	108.00 4.00 0.00	199.19 7.42 0.00	51.30 1.76 0.00	45.06 1.71 0.00	47.49 1.89 0.00	45.74 1.92 0.00	43.73 1.82 0.00	54.09 2.29 0.00	57.83 2.36 0.00	69.81 2.80 0.00	130.38 4.39 0.00	90.62 3.04 0.00	81.28 2.48 0.00	104.35 2.95 0.00	136.30 3.75 0.00	66.70 2.01 0.00	59.85 1.72 0.00	59.15 1.68 0.00
ROSETON___2 23588	57.63 1.99 0.00	50.73 1.82 0.00	51.56 1.71 0.00	51.07 1.68 0.00	52.16 1.69 0.00	60.35 2.11 0.00	108.00 4.00 0.00	199.19 7.42 0.00	51.30 1.76 0.00	45.06 1.71 0.00	47.49 1.89 0.00	45.74 1.92 0.00	43.73 1.82 0.00	54.09 2.29 0.00	57.83 2.36 0.00	69.81 2.80 0.00	130.38 4.39 0.00	90.62 3.04 0.00	81.28 2.48 0.00	104.35 2.95 0.00	136.30 3.75 0.00	66.70 2.01 0.00	59.85 1.72 0.00	59.15 1.68 0.00
ROTRRDAM_115KV_TB3 80664	57.10 1.46 0.00	50.33 1.42 0.00	51.24 1.40 0.00	50.78 1.40 0.00	51.88 1.41 0.00	59.93 1.69 0.00	107.07 3.07 0.00	197.04 5.28 0.00	50.91 1.38 0.00	44.31 0.95 0.00	46.49 0.90 0.00	44.74 0.92 0.00	42.83 0.91 0.00	53.07 1.27 0.00	56.96 1.49 0.00	68.97 1.96 0.00	129.51 3.52 0.00	89.75 2.17 0.00	80.85 2.05 0.00	103.92 2.52 0.00	136.09 3.53 0.00	66.39 1.69 0.00	59.50 1.36 0.00	58.80 1.33 0.00
RUSSELL___1 23602	57.25 1.61 0.00	50.30 1.39 0.00	51.41 1.56 0.00	50.94 1.55 0.00	52.00 1.53 0.00	59.47 1.24 0.00	104.51 0.51 0.00	193.17 1.40 0.00	50.12 0.58 0.00	44.46 1.10 0.00	46.99 1.40 0.00	44.67 0.85 0.00	42.71 0.79 0.00	52.56 0.76 0.00	56.07 0.60 0.00	66.88 -0.13 0.00	124.10 -1.89 0.00	86.62 -0.96 0.00	78.01 -0.79 0.00	100.38 -1.02 0.00	130.66 -1.90 0.00	63.83 -0.87 0.00	58.03 -0.11 0.00	57.59 0.12 0.00
RUSSELL___2 23532	57.25 1.61 0.00	50.30 1.39 0.00	51.41 1.56 0.00	50.94 1.55 0.00	52.00 1.53 0.00	59.47 1.24 0.00	104.51 0.51 0.00	193.17 1.40 0.00	50.12 0.58 0.00	44.46 1.10 0.00	46.99 1.40 0.00	44.67 0.85 0.00	42.71 0.79 0.00	52.56 0.76 0.00	56.07 0.60 0.00	66.88 -0.13 0.00	124.10 -1.89 0.00	86.62 -0.96 0.00	78.01 -0.79 0.00	100.38 -1.02 0.00	130.66 -1.90 0.00	63.83 -0.87 0.00	58.03 -0.11 0.00	57.59 0.12 0.00
RUSSELL___3 23549	57.25 1.61 0.00	50.30 1.39 0.00	51.41 1.56 0.00	50.94 1.55 0.00	52.00 1.53 0.00	59.47 1.24 0.00	104.51 0.51 0.00	193.17 1.40 0.00	50.12 0.58 0.00	44.46 1.10 0.00	46.99 1.40 0.00	44.67 0.85 0.00	42.71 0.79 0.00	52.56 0.76 0.00	56.07 0.60 0.00	66.88 -0.13 0.00	124.10 -1.89 0.00	86.62 -0.96 0.00	78.01 -0.79 0.00	100.38 -1.02 0.00	130.66 -1.90 0.00	63.83 -0.87 0.00	58.03 -0.11 0.00	57.59 0.12 0.00
RUSSELL___4 23556	57.25 1.61 0.00	50.30 1.39 0.00	51.41 1.56 0.00	50.94 1.55 0.00	52.00 1.53 0.00	59.47 1.24 0.00	104.51 0.51 0.00	193.17 1.40 0.00	50.12 0.58 0.00	44.46 1.10 0.00	46.99 1.40 0.00	44.67 0.85 0.00	42.71 0.79 0.00	52.56 0.76 0.00	56.07 0.60 0.00	66.88 -0.13 0.00	124.10 -1.89 0.00	86.62 -0.96 0.00	78.01 -0.79 0.00	100.38 -1.02 0.00	130.66 -1.90 0.00	63.83 -0.87 0.00	58.03 -0.11 0.00	57.59 0.12 0.00
RUSSELL___STATION 23914	57.25 1.61 0.00	50.30 1.39 0.00	51.41 1.56 0.00	50.94 1.55 0.00	52.00 1.53 0.00	59.47 1.24 0.00	104.51 0.51 0.00	193.17 1.40 0.00	50.12 0.58 0.00	44.46 1.10 0.00	46.99 1.40 0.00	44.67 0.85 0.00	42.71 0.79 0.00	52.56 0.76 0.00	56.07 0.60 0.00	66.88 -0.13 0.00	124.10 -1.89 0.00	86.62 -0.96 0.00	78.01 -0.79 0.00	100.38 -1.02 0.00	130.66 -1.90 0.00	63.83 -0.87 0.00	58.03 -0.11 0.00	57.59 0.12 0.00
S SALMON___HYD 24043	54.45 -1.19 0.00	47.90 -1.01 0.00	48.99 -0.86 0.00	48.53 -0.86 0.00	49.64 -0.83 0.00	57.45 -0.79 0.00	102.79 -1.21 0.00	190.09 -1.68 0.00	48.81 -0.73 0.00	42.39 -0.96 0.00	44.29 -1.31 0.00	42.49 -1.33 0.00	40.62 -1.30 0.00	50.45 -1.35 0.00	54.34 -1.13 0.00	65.44 -1.57 0.00	123.55 -2.44 0.00	86.21 -1.38 0.00	77.50 -1.30 0.00	99.96 -1.44 0.00	130.76 -1.81 0.00	63.91 -0.79 0.00	57.41 -0.73 0.00	56.69 -0.79 0.00
S.PERRY__115KV_TB1 80734	58.29 2.65 0.00	51.12 2.21 0.00	52.20 2.35 0.00	51.83 2.45 0.00	52.92 2.45 0.00	60.78 2.54 0.00	107.11 3.11 0.00	198.96 7.19 0.00	51.48 1.94 0.00	45.30 1.95 0.00	47.63 2.04 0.00	45.06 1.24 0.00	42.94 1.03 0.00	52.68 0.88 0.00	54.95 -0.52 0.00	65.13 -1.88 0.00	122.99 -2.99 0.00	86.32 -1.27 0.00	77.84 -0.96 0.00	100.37 -1.03 0.00	130.35 -2.21 0.00	63.60 -1.10 0.00	59.02 0.88 0.00	59.36 1.89 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	57.04 1.40 0.00	50.15 1.24 0.00	51.37 1.52 0.00	50.93 1.55 0.00	51.88 1.41 0.00	58.86 0.62 0.00	101.79 -2.22 0.00	187.95 -3.81 0.00	48.90 -0.64 0.00	43.77 0.41 0.00	46.45 0.86 0.00	43.87 0.04 0.00	42.07 0.16 0.00	51.79 -0.01 0.00	55.12 -0.35 0.00	65.25 -1.76 0.00	119.76 -6.23 0.00	83.45 -4.14 0.00	75.20 -3.60 0.00	96.88 -4.52 0.00	126.08 -6.48 0.00	61.61 -3.09 0.00	56.60 -1.54 0.00	56.52 -0.95 0.00

SAWYER___23_KV_LOAD 55526	57.04 1.40 0.00	50.15 1.24 0.00	51.37 1.52 0.00	50.93 1.55 0.00	51.88 1.41 0.00	58.86 0.62 0.00	101.79 -2.22 0.00	187.95 -3.81 0.00	48.90 -0.64 0.00	43.77 0.41 0.00	46.45 0.86 0.00	43.87 0.04 0.00	42.07 0.16 0.00	51.79 -0.01 0.00	55.12 -0.35 0.00	65.25 -1.76 0.00	119.76 -6.23 0.00	83.45 -4.14 0.00	75.20 -3.60 0.00	96.88 -4.52 0.00	126.08 -6.48 0.00	61.61 -3.09 0.00	56.60 -1.54 0.00	56.52 -0.95 0.00
SELKIRK___I 23801	56.51 0.87 0.00	49.97 1.06 0.00	50.89 1.05 0.00	50.44 1.06 0.00	51.46 0.99 0.00	59.38 1.14 0.00	106.04 2.04 0.00	195.00 3.24 0.00	50.45 0.92 0.00	43.87 0.51 0.00	45.98 0.39 0.00	44.26 0.44 0.00	42.39 0.47 0.00	52.38 0.58 0.00	56.30 0.82 0.00	68.22 1.21 0.00	128.32 2.34 0.00	88.73 1.14 0.00	79.94 1.15 0.00	102.73 1.34 0.00	134.60 2.04 0.00	65.70 1.01 0.00	58.85 0.71 0.00	58.18 0.71 0.00
SELKIRK___II 23799	56.27 0.63 0.00	49.74 0.83 0.00	50.62 0.77 0.00	50.16 0.78 0.00	51.18 0.71 0.00	59.06 0.82 0.00	105.50 1.50 0.00	194.19 2.42 0.00	50.29 0.75 0.00	43.84 0.48 0.00	45.99 0.40 0.00	44.32 0.50 0.00	42.42 0.51 0.00	52.37 0.57 0.00	56.15 0.68 0.00	67.96 0.95 0.00	127.60 1.62 0.00	88.33 0.74 0.00	79.51 0.71 0.00	102.17 0.77 0.00	133.81 1.25 0.00	65.38 0.68 0.00	58.56 0.42 0.00	57.87 0.40 0.00
SENECA OSWGO___HYD 24041	54.46 -1.18 0.00	47.90 -1.01 0.00	48.85 -0.99 0.00	48.41 -0.98 0.00	49.46 -1.02 0.00	57.00 -1.24 0.00	101.72 -2.28 0.00	187.91 -3.86 0.00	48.52 -1.02 0.00	42.49 -0.87 0.00	44.70 -0.89 0.00	42.88 -0.94 0.00	41.02 -0.89 0.00	50.65 -1.14 0.00	54.19 -1.29 0.00	65.13 -1.89 0.00	122.11 -3.88 0.00	85.00 -2.58 0.00	76.44 -2.36 0.00	98.60 -2.79 0.00	128.90 -3.66 0.00	63.03 -1.66 0.00	56.65 -1.49 0.00	55.97 -1.50 0.00
SENECA___115KV_TB3 355854	55.43 1.77 1.98	47.93 1.56 2.54	46.89 1.82 4.78	48.63 1.86 2.62	50.50 1.76 1.73	58.47 1.17 0.94	102.79 -1.22 0.00	190.11 -1.66 0.00	48.44 -0.06 1.04	43.10 0.88 1.14	37.53 1.39 9.45	44.34 0.52 0.00	42.35 0.62 0.18	50.51 0.56 1.85	55.06 0.28 0.69	65.67 -1.02 0.32	121.27 -4.72 0.00	84.60 -2.99 0.00	75.42 -2.58 0.80	96.04 -3.06 2.30	123.31 -4.74 4.50	59.73 -2.25 2.71	54.78 -0.87 2.49	57.15 -0.32 0.00
SENECA___ENERGY 23797	56.07 0.42 0.00	49.32 0.41 0.00	50.39 0.54 0.00	49.94 0.55 0.00	51.03 0.56 0.00	58.65 0.41 0.00	104.19 0.19 0.00	192.39 0.62 0.00	49.79 0.25 0.00	43.84 0.49 0.00	46.13 0.54 0.00	44.16 0.33 0.00	42.16 0.24 0.00	51.85 0.05 0.00	55.40 -0.07 0.00	66.42 -0.60 0.00	124.25 -1.73 0.00	86.67 -0.92 0.00	78.06 -0.74 0.00	100.46 -0.93 0.00	130.96 -1.60 0.00	63.98 -0.71 0.00	57.68 -0.46 0.00	57.16 -0.31 0.00
SHOEMAKER___GT 23640	57.72 2.08 0.00	50.78 1.87 0.00	51.65 1.80 0.00	51.17 1.78 0.00	52.26 1.79 0.00	60.46 2.22 0.00	108.23 4.22 0.00	199.58 7.81 0.00	51.34 1.80 0.00	45.06 1.71 0.00	47.43 1.84 0.00	45.69 1.86 0.00	43.68 1.77 0.00	53.91 2.11 0.00	57.73 2.25 0.00	69.81 2.79 0.00	130.63 4.65 0.00	90.88 3.30 0.00	81.52 2.71 0.00	104.71 3.32 0.00	136.78 4.22 0.00	66.89 2.20 0.00	60.03 1.89 0.00	59.28 1.81 0.00
SHOEMAKR_138KV_BK 111 55601	57.69 2.04 0.00	50.75 1.84 0.00	51.61 1.77 0.00	51.14 1.75 0.00	52.24 1.77 0.00	60.42 2.18 0.00	108.14 4.13 0.00	199.49 7.73 0.00	51.33 1.79 0.00	45.06 1.70 0.00	47.44 1.85 0.00	45.68 1.86 0.00	43.68 1.77 0.00	53.94 2.14 0.00	57.73 2.26 0.00	69.77 2.76 0.00	130.53 4.55 0.00	90.81 3.22 0.00	81.44 2.64 0.00	104.62 3.22 0.00	136.69 4.13 0.00	66.83 2.14 0.00	59.99 1.85 0.00	59.24 1.77 0.00
SHOREHAM_IC_1 23715	62.98 4.17 -3.16	52.60 3.69 0.01	53.13 3.29 0.01	52.54 3.16 0.01	53.75 3.28 0.01	62.36 3.71 -0.41	123.59 6.57 -13.01	222.44 12.11 -18.56	55.59 2.72 -3.34	45.99 2.63 0.00	48.80 3.21 0.00	45.56 3.43 1.69	42.42 3.24 2.73	54.99 3.97 0.78	67.39 4.04 -7.87	82.00 5.34 -9.65	148.81 7.47 -15.35	106.85 5.16 -14.11	95.24 4.29 -12.16	127.23 5.16 -20.67	157.25 6.44 -18.25	70.11 3.99 -1.43	62.72 4.05 -0.53	61.76 4.30 0.01
SHOREHAM_IC_2 23716	62.96 4.16 -3.16	52.60 3.70 0.01	53.14 3.30 0.01	52.54 3.16 0.01	53.74 3.27 0.01	62.35 3.71 -0.41	123.59 6.57 -13.01	222.50 12.17 -18.56	55.60 2.72 -3.34	45.99 2.63 0.00	48.80 3.21 0.00	45.56 3.43 1.69	42.42 3.23 2.73	54.99 3.98 0.78	67.39 4.05 -7.87	82.00 5.34 -9.65	148.80 7.47 -15.35	106.86 5.16 -14.11	95.24 4.29 -12.16	127.23 5.16 -20.67	157.25 6.44 -18.25	70.11 3.99 -1.43	62.71 4.04 -0.53	61.77 4.30 0.01
SISSONVILLE___ 23735	55.86 0.22 0.00	48.78 -0.13 0.00	49.73 -0.12 0.00	49.24 -0.14 0.00	50.50 0.03 0.00	58.46 0.22 0.00	104.45 0.45 0.00	193.11 1.34 0.00	50.04 0.50 0.00	43.70 0.35 0.00	45.92 0.33 0.00	44.10 0.28 0.00	41.96 0.04 0.00	51.99 0.19 0.00	55.61 0.14 0.00	67.21 0.19 0.00	127.19 1.21 0.00	88.54 0.96 0.00	80.28 1.49 0.00	103.83 2.43 0.00	135.63 3.07 0.00	66.22 1.53 0.00	59.76 1.62 0.00	59.25 1.78 0.00
SITHE_IND_GS1 24169	54.07 -1.57 0.00	47.55 -1.35 0.00	48.51 -1.34 0.00	48.06 -1.33 0.00	49.10 -1.37 0.00	56.57 -1.67 0.00	100.84 -3.16 0.00	186.13 -5.64 0.00	48.11 -1.43 0.00	42.14 -1.21 0.00	44.32 -1.27 0.00	42.54 -1.29 0.00	40.68 -1.24 0.00	50.23 -1.57 0.00	53.73 -1.74 0.00	64.58 -2.43 0.00	121.11 -4.88 0.00	84.24 -3.34 0.00	75.80 -2.99 0.00	97.73 -3.67 0.00	127.78 -4.78 0.00	62.49 -2.20 0.00	56.20 -1.93 0.00	55.55 -1.92 0.00
SITHE_IND_GS2 24170	54.07 -1.57 0.00	47.55 -1.35 0.00	48.51 -1.34 0.00	48.06 -1.33 0.00	49.10 -1.37 0.00	56.57 -1.67 0.00	100.84 -3.16 0.00	186.13 -5.64 0.00	48.11 -1.43 0.00	42.14 -1.21 0.00	44.32 -1.27 0.00	42.54 -1.29 0.00	40.68 -1.24 0.00	50.23 -1.57 0.00	53.73 -1.74 0.00	64.58 -2.43 0.00	121.11 -4.88 0.00	84.24 -3.34 0.00	75.80 -2.99 0.00	97.73 -3.67 0.00	127.78 -4.78 0.00	62.49 -2.20 0.00	56.20 -1.93 0.00	55.55 -1.92 0.00
SITHE_IND_GS3 24171	54.07 -1.57 0.00	47.55 -1.35 0.00	48.51 -1.34 0.00	48.06 -1.33 0.00	49.10 -1.37 0.00	56.57 -1.67 0.00	100.84 -3.16 0.00	186.13 -5.64 0.00	48.11 -1.43 0.00	42.14 -1.21 0.00	44.32 -1.27 0.00	42.54 -1.29 0.00	40.68 -1.24 0.00	50.23 -1.57 0.00	53.73 -1.74 0.00	64.58 -2.43 0.00	121.11 -4.88 0.00	84.24 -3.34 0.00	75.80 -2.99 0.00	97.73 -3.67 0.00	127.78 -4.78 0.00	62.49 -2.20 0.00	56.20 -1.93 0.00	55.55 -1.92 0.00
SITHE_IND_GS4 24172	54.07 -1.57 0.00	47.55 -1.35 0.00	48.51 -1.34 0.00	48.06 -1.33 0.00	49.10 -1.37 0.00	56.57 -1.67 0.00	100.84 -3.16 0.00	186.13 -5.64 0.00	48.11 -1.43 0.00	42.14 -1.21 0.00	44.32 -1.27 0.00	42.54 -1.29 0.00	40.68 -1.24 0.00	50.23 -1.57 0.00	53.73 -1.74 0.00	64.58 -2.43 0.00	121.11 -4.88 0.00	84.24 -3.34 0.00	75.80 -2.99 0.00	97.73 -3.67 0.00	127.78 -4.78 0.00	62.49 -2.20 0.00	56.20 -1.93 0.00	55.55 -1.92 0.00

SITHE___BATAVIA 24024	57.07 2.81 1.38	49.45 2.31 1.77	49.11 2.58 3.32	50.15 2.58 1.82	51.82 2.55 1.21	59.77 2.18 0.65	105.30 1.29 0.00	194.80 3.03 0.00	49.91 1.10 0.73	44.25 1.69 0.79	41.01 2.00 6.58	44.99 1.16 0.00	42.73 0.94 0.12	51.15 0.63 1.28	55.51 0.51 0.48	66.65 -0.13 0.23	124.10 -1.89 0.00	86.77 -0.81 0.00	77.65 -0.59 0.56	99.01 -0.80 1.59	127.74 -1.70 3.12	61.91 -0.94 1.85	56.65 0.21 1.69	58.18 0.71 0.00
SITHE___INDEPEND 23800	54.07 -1.57 0.00	47.56 -1.35 0.00	48.51 -1.34 0.00	48.06 -1.33 0.00	49.10 -1.37 0.00	56.57 -1.67 0.00	100.84 -3.17 0.00	186.12 -5.64 0.00	48.10 -1.43 0.00	42.14 -1.22 0.00	44.32 -1.27 0.00	42.54 -1.29 0.00	40.68 -1.24 0.00	50.23 -1.57 0.00	53.73 -1.74 0.00	64.58 -2.43 0.00	121.10 -4.88 0.00	84.24 -3.34 0.00	75.81 -2.99 0.00	97.73 -3.67 0.00	127.78 -4.78 0.00	62.49 -2.20 0.00	56.20 -1.94 0.00	55.56 -1.91 0.00
SITHE___MASSENA 23902	56.09 0.45 0.00	49.00 0.09 0.00	49.90 0.05 0.00	49.43 0.04 0.00	50.63 0.16 0.00	58.54 0.30 0.00	104.70 0.69 0.00	193.18 1.42 0.00	49.91 0.38 0.00	43.71 0.36 0.00	45.98 0.39 0.00	44.19 0.37 0.00	42.19 0.27 0.00	52.15 0.35 0.00	55.83 0.36 0.00	67.44 0.43 0.00	127.92 1.93 0.00	89.34 1.76 0.00	80.57 1.77 0.00	103.57 2.18 0.00	135.25 2.69 0.00	66.04 1.34 0.00	59.48 1.34 0.00	58.98 1.51 0.00
SITHE___OGDNSBRG 24021	56.87 1.23 0.00	49.61 0.70 0.00	50.55 0.70 0.00	50.04 0.66 0.00	51.34 0.87 0.00	59.40 1.16 0.00	106.29 2.29 0.00	196.54 4.77 0.00	50.78 1.25 0.00	44.37 1.02 0.00	46.59 1.00 0.00	44.67 0.85 0.00	42.44 0.52 0.00	52.32 0.52 0.00	55.91 0.44 0.00	67.67 0.66 0.00	129.60 3.62 0.00	90.71 3.12 0.00	81.84 3.04 0.00	105.67 4.27 0.00	137.89 5.32 0.00	67.28 2.58 0.00	60.56 2.42 0.00	60.06 2.59 0.00
SITHE___STERLING 23777	57.03 1.38 0.00	50.19 1.28 0.00	51.27 1.42 0.00	50.79 1.40 0.00	51.95 1.48 0.00	60.09 1.85 0.00	107.58 3.58 0.00	198.86 7.10 0.00	51.26 1.72 0.00	44.68 1.32 0.00	46.92 1.33 0.00	45.12 1.30 0.00	43.19 1.28 0.00	53.49 1.69 0.00	57.37 1.90 0.00	69.34 2.33 0.00	130.32 4.34 0.00	90.45 2.87 0.00	81.35 2.55 0.00	104.77 3.38 0.00	136.81 4.25 0.00	66.70 2.00 0.00	59.88 1.74 0.00	59.07 1.60 0.00
SLEIGHT__34_KV_TB1 80719	56.12 0.47 0.00	49.29 0.38 0.00	50.37 0.52 0.00	49.94 0.56 0.00	51.00 0.53 0.00	58.55 0.32 0.00	103.60 -0.40 0.00	191.30 -0.46 0.00	49.59 0.05 0.00	43.79 0.43 0.00	46.14 0.54 0.00	44.01 0.19 0.00	42.06 0.14 0.00	51.77 -0.03 0.00	55.21 -0.27 0.00	66.15 -0.86 0.00	123.26 -2.73 0.00	86.03 -1.55 0.00	77.52 -1.28 0.00	99.76 -1.64 0.00	129.97 -2.59 0.00	63.48 -1.21 0.00	57.42 -0.71 0.00	56.91 -0.56 0.00
SMITHTWN_69_KV_BK 1 55830	60.76 3.70 -1.41	52.22 3.32 0.01	52.75 2.91 0.01	52.15 2.77 0.01	53.31 2.84 0.01	61.55 3.12 -0.19	115.62 5.41 -6.21	210.72 10.10 -8.86	53.45 2.32 -1.60	45.77 2.42 0.00	48.70 3.10 0.00	45.54 3.35 1.64	42.45 3.17 2.64	54.84 3.80 0.75	63.02 3.79 -3.75	76.42 4.81 -4.60	139.71 6.40 -7.32	98.86 4.54 -6.73	88.27 3.67 -5.80	115.55 4.29 -9.86	146.68 5.42 -8.70	68.91 3.54 -0.68	61.98 3.60 -0.25	61.38 3.91 0.01
SOUTH CAIRO___GT 23612	59.09 3.45 0.00	52.20 3.29 0.00	53.11 3.26 0.00	52.65 3.27 0.00	53.76 3.29 0.00	62.21 3.97 0.00	111.63 7.62 0.00	206.19 14.42 0.00	52.93 3.39 0.00	45.56 2.21 0.00	47.49 1.90 0.00	45.82 2.00 0.00	43.56 1.64 0.00	54.17 2.37 0.00	58.72 3.24 0.00	71.79 4.78 0.00	135.69 9.70 0.00	94.19 6.61 0.00	84.97 6.17 0.00	109.00 7.60 0.00	142.62 10.06 0.00	69.34 4.65 0.00	61.93 3.80 0.00	61.01 3.54 0.00
SOUTH HAMPTN___IC 23720	64.08 5.09 -3.35	53.38 4.48 0.01	53.94 4.10 0.01	53.34 3.96 0.01	54.59 4.12 0.01	63.41 4.73 -0.43	126.25 8.50 -13.75	227.05 15.67 -19.62	56.61 3.54 -3.53	46.68 3.32 0.00	49.51 3.91 0.00	46.19 4.07 1.71	43.01 3.85 2.76	55.73 4.72 0.79	68.68 4.89 -8.32	83.62 6.41 -10.20	151.73 9.52 -16.23	108.54 6.05 -14.91	96.80 5.15 -12.85	129.71 6.46 -21.85	159.86 8.02 -19.28	71.01 4.80 -1.51	63.55 4.85 -0.56	62.54 5.07 0.01
SOUTHDOW_115KV_TB1 355954	58.69 3.05 0.00	51.46 2.55 0.00	52.73 2.88 0.00	52.30 2.91 0.00	53.36 2.90 0.00	61.05 2.81 0.00	106.35 2.35 0.00	198.07 6.31 0.00	50.57 1.03 0.00	45.23 1.88 0.00	48.20 2.60 0.00	45.43 1.61 0.00	43.58 1.67 0.00	53.57 1.77 0.00	57.15 1.68 0.00	67.42 0.41 0.00	123.93 -2.05 0.00	86.52 -1.07 0.00	77.80 -1.00 0.00	100.58 -0.81 0.00	130.87 -1.69 0.00	64.54 -0.16 0.00	58.99 0.85 0.00	58.96 1.49 0.00
SOUTHOLD_69_KV_BK 2 55809	64.78 5.79 -3.35	53.99 5.08 0.01	54.56 4.72 0.01	53.96 4.58 0.01	55.24 4.78 0.01	64.22 5.55 -0.43	127.71 9.97 -13.74	229.79 18.43 -19.60	57.27 4.20 -3.53	47.23 3.88 0.00	50.05 4.46 0.00	46.67 4.56 1.71	43.45 4.30 2.76	56.31 5.30 0.79	69.33 5.54 -8.31	84.45 7.24 -10.19	153.29 11.10 -16.21	108.93 6.45 -14.90	97.29 5.65 -12.84	130.51 7.28 -21.83	160.82 9.00 -19.27	71.60 5.40 -1.50	64.12 5.43 -0.56	63.08 5.62 0.01
SOUTHOLD___IC 23719	64.79 5.80 -3.35	53.99 5.08 0.01	54.56 4.72 0.01	53.96 4.58 0.01	55.24 4.78 0.01	64.22 5.55 -0.43	127.72 9.97 -13.74	229.80 18.43 -19.60	57.27 4.20 -3.53	47.23 3.87 0.00	50.05 4.46 0.00	46.68 4.57 1.71	43.46 4.30 2.76	56.30 5.29 0.79	69.32 5.53 -8.31	84.45 7.24 -10.19	153.30 11.11 -16.21	108.92 6.44 -14.90	97.29 5.65 -12.84	130.51 7.28 -21.83	160.83 9.00 -19.27	71.59 5.40 -1.50	64.14 5.44 -0.56	63.08 5.62 0.01
SOUTH_FORK_WT_PWR 323839	65.00 6.01 -3.35	54.17 5.27 0.01	54.76 4.92 0.01	54.16 4.78 0.01	55.44 4.97 0.01	64.45 5.78 -0.43	128.19 10.44 -13.75	230.56 19.18 -19.61	57.44 4.38 -3.53	47.37 4.02 0.00	50.19 4.60 0.00	46.82 4.70 1.71	43.58 4.42 2.76	56.46 5.45 0.79	69.51 5.72 -8.32	84.69 7.48 -10.20	153.67 11.46 -16.22	108.51 6.02 -14.90	96.97 5.33 -12.84	130.37 7.14 -21.84	160.57 8.74 -19.28	71.59 5.39 -1.50	64.21 5.52 -0.56	63.14 5.68 0.01
SPIERFLS_115KV_TB 1 80737	59.30 3.65 0.00	52.22 3.30 0.00	53.00 3.15 0.00	52.55 3.16 0.00	53.75 3.28 0.00	62.46 4.22 0.00	111.49 7.49 0.00	204.93 13.17 0.00	53.17 3.63 0.00	45.60 2.24 0.00	47.89 2.30 0.00	46.05 2.23 0.00	44.07 2.15 0.00	54.75 2.95 0.00	58.99 3.51 0.00	71.70 4.68 0.00	135.10 9.12 0.00	93.15 5.57 0.00	84.38 5.58 0.00	108.14 6.74 0.00	142.49 9.93 0.00	69.17 4.48 0.00	61.68 3.55 0.00	60.91 3.45 0.00
ST LAWRENCE____ 23600	55.29 -0.35 0.00	48.33 -0.58 0.00	49.23 -0.62 0.00	48.74 -0.64 0.00	49.92 -0.55 0.00	57.70 -0.55 0.00	103.21 -0.80 0.00	190.39 -1.37 0.00	49.18 -0.36 0.00	43.09 -0.26 0.00	45.32 -0.27 0.00	43.58 -0.25 0.00	41.64 -0.28 0.00	51.46 -0.34 0.00	55.11 -0.36 0.00	66.58 -0.43 0.00	126.24 0.25 0.00	88.08 0.50 0.00	79.25 0.45 0.00	101.97 0.58 0.00	133.05 0.49 0.00	64.99 0.30 0.00	58.51 0.38 0.00	58.01 0.54 0.00

STATE_CA_115KV_115_LB 55624	56.09 0.45 0.00	49.70 0.79 0.00	50.52 0.67 0.00	50.03 0.64 0.00	51.01 0.54 0.00	58.95 0.71 0.00	105.33 1.33 0.00	193.85 2.09 0.00	50.32 0.78 0.00	43.77 0.41 0.00	45.96 0.36 0.00	44.31 0.48 0.00	42.46 0.54 0.00	52.30 0.50 0.00	56.12 0.64 0.00	67.94 0.93 0.00	127.65 1.67 0.00	88.25 0.66 0.00	79.45 0.65 0.00	102.03 0.63 0.00	133.62 1.06 0.00	65.25 0.56 0.00	58.39 0.25 0.00	57.66 0.19 0.00
STATE_ST_34_KV_LOAD 55959	56.38 0.74 0.00	49.39 0.48 0.00	50.58 0.74 0.00	50.16 0.77 0.00	51.26 0.79 0.00	59.07 0.83 0.00	105.16 1.16 0.00	194.22 2.46 0.00	50.23 0.70 0.00	44.11 0.75 0.00	46.26 0.67 0.00	44.36 0.53 0.00	42.28 0.36 0.00	52.09 0.29 0.00	55.52 0.05 0.00	66.87 -0.14 0.00	125.43 -0.55 0.00	87.50 -0.09 0.00	79.08 0.28 0.00	101.53 0.13 0.00	132.45 -0.10 0.00	64.73 0.03 0.00	58.24 0.11 0.00	57.75 0.28 0.00
STATION_5_MISC_HYD 23604	56.10 1.39 0.93	48.93 1.22 1.20	48.98 1.39 2.26	49.54 1.39 1.24	51.01 1.35 0.82	58.82 1.02 0.44	104.06 0.06 0.00	192.32 0.55 0.00	49.41 0.37 0.50	43.71 0.90 0.54	42.26 1.17 4.50	44.47 0.64 0.00	42.43 0.59 0.08	51.46 0.53 0.87	55.47 0.33 0.33	66.40 -0.45 0.16	123.46 -2.53 0.00	86.15 -1.44 0.00	77.17 -1.24 0.39	98.72 -1.57 1.10	127.82 -2.59 2.15	62.25 -1.19 1.25	56.62 -0.37 1.15	57.32 -0.14 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	56.37 0.73 0.00	49.53 0.62 0.00	50.61 0.77 0.00	50.16 0.78 0.00	51.24 0.76 0.00	58.77 0.53 0.00	104.01 0.01 0.00	192.14 0.37 0.00	49.77 0.23 0.00	43.96 0.61 0.00	46.34 0.74 0.00	44.19 0.37 0.00	42.22 0.30 0.00	51.96 0.16 0.00	55.49 0.01 0.00	66.44 -0.57 0.00	123.78 -2.21 0.00	86.38 -1.20 0.00	77.74 -1.06 0.00	100.12 -1.28 0.00	130.48 -2.09 0.00	63.76 -0.93 0.00	57.67 -0.47 0.00	57.16 -0.31 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	56.45 0.81 0.00	49.63 0.73 0.00	50.73 0.88 0.00	50.27 0.88 0.00	51.31 0.84 0.00	58.68 0.44 0.00	103.20 -0.80 0.00	190.60 -1.16 0.00	49.44 -0.10 0.00	43.82 0.46 0.00	46.28 0.68 0.00	44.04 0.22 0.00	42.11 0.19 0.00	51.84 0.04 0.00	55.31 -0.17 0.00	66.00 -1.02 0.00	122.52 -3.46 0.00	85.44 -2.15 0.00	76.89 -1.91 0.00	99.00 -2.40 0.00	128.94 -3.62 0.00	63.02 -1.67 0.00	57.26 -0.87 0.00	56.83 -0.64 0.00
STA_56___34_KV_BUS2 355983	56.45 0.81 0.00	49.63 0.73 0.00	50.73 0.88 0.00	50.27 0.88 0.00	51.31 0.84 0.00	58.68 0.44 0.00	103.20 -0.80 0.00	190.60 -1.16 0.00	49.44 -0.10 0.00	43.82 0.46 0.00	46.28 0.68 0.00	44.04 0.22 0.00	42.11 0.19 0.00	51.84 0.04 0.00	55.31 -0.17 0.00	66.00 -1.02 0.00	122.52 -3.46 0.00	85.44 -2.15 0.00	76.89 -1.91 0.00	99.00 -2.40 0.00	128.94 -3.62 0.00	63.02 -1.67 0.00	57.26 -0.87 0.00	56.83 -0.64 0.00
STA_67___115KV_BK2 355882	56.94 1.30 0.00	50.06 1.15 0.00	51.16 1.31 0.00	50.70 1.32 0.00	51.75 1.28 0.00	59.16 0.92 0.00	103.88 -0.13 0.00	191.93 0.17 0.00	49.78 0.24 0.00	44.16 0.80 0.00	46.66 1.07 0.00	44.37 0.54 0.00	42.42 0.50 0.00	52.21 0.41 0.00	55.69 0.21 0.00	66.42 -0.59 0.00	123.20 -2.79 0.00	85.93 -1.65 0.00	77.38 -1.42 0.00	99.57 -1.82 0.00	129.63 -2.93 0.00	63.36 -1.34 0.00	57.64 -0.49 0.00	57.23 -0.24 0.00
STA_7___115KV_9TRANS 80674	57.25 1.61 0.00	50.30 1.39 0.00	51.41 1.56 0.00	50.94 1.55 0.00	52.00 1.53 0.00	59.47 1.24 0.00	104.51 0.51 0.00	193.17 1.40 0.00	50.12 0.58 0.00	44.46 1.10 0.00	46.99 1.40 0.00	44.67 0.85 0.00	42.71 0.79 0.00	52.56 0.76 0.00	56.07 0.60 0.00	66.88 -0.13 0.00	124.10 -1.89 0.00	86.62 -0.96 0.00	78.01 -0.79 0.00	100.38 -1.02 0.00	130.66 -1.90 0.00	63.83 -0.87 0.00	58.03 -0.11 0.00	57.59 0.12 0.00
STA_82___115KV_TB1 80780	56.91 1.26 0.00	50.02 1.11 0.00	51.13 1.28 0.00	50.67 1.28 0.00	51.72 1.25 0.00	59.12 0.88 0.00	103.79 -0.22 0.00	191.80 0.04 0.00	49.74 0.20 0.00	44.12 0.77 0.00	46.63 1.03 0.00	44.33 0.50 0.00	42.38 0.46 0.00	52.16 0.36 0.00	55.64 0.16 0.00	66.35 -0.66 0.00	123.08 -2.91 0.00	85.85 -1.74 0.00	77.30 -1.50 0.00	99.48 -1.91 0.00	129.50 -3.06 0.00	63.31 -1.39 0.00	57.59 -0.55 0.00	57.19 -0.28 0.00
STEEL___WIND 323596	55.34 1.68 1.98	47.83 1.47 2.54	46.82 1.74 4.78	48.54 1.77 2.62	50.39 1.65 1.73	58.37 1.07 0.94	102.66 -1.35 0.00	189.76 -2.00 0.00	48.36 -0.14 1.04	43.05 0.83 1.14	37.48 1.34 9.45	44.30 0.48 0.00	42.30 0.56 0.18	50.42 0.47 1.85	54.98 0.20 0.69	65.56 -1.13 0.32	121.15 -4.83 0.00	84.53 -3.06 0.00	75.34 -2.65 0.80	95.94 -3.16 2.30	123.17 -4.88 4.50	59.67 -2.31 2.71	54.71 -0.94 2.49	57.05 -0.42 0.00
STEPHTWN_115KV_BK_2 55603	56.92 1.27 0.00	50.21 1.30 0.00	51.11 1.26 0.00	50.51 1.13 0.00	51.63 1.16 0.00	59.71 1.47 0.00	106.66 2.66 0.00	196.38 4.61 0.00	50.85 1.31 0.00	44.22 0.86 0.00	46.43 0.84 0.00	44.78 0.96 0.00	42.81 0.89 0.00	52.87 1.07 0.00	56.75 1.27 0.00	68.91 1.90 0.00	129.36 3.37 0.00	89.51 1.92 0.00	80.60 1.80 0.00	103.45 2.05 0.00	135.36 2.80 0.00	66.12 1.42 0.00	59.12 0.98 0.00	58.41 0.94 0.00
STEUBEN_REC_LFGE 323667	56.11 0.46 0.00	49.24 0.33 0.00	50.24 0.39 0.00	50.01 0.62 0.00	51.08 0.61 0.00	58.77 0.53 0.00	103.77 -0.24 0.00	192.95 1.18 0.00	50.10 0.56 0.00	44.21 0.85 0.00	47.18 1.59 0.00	44.30 0.48 0.00	42.51 0.59 0.00	52.24 0.44 0.00	55.49 0.01 0.00	66.26 -0.75 0.00	124.03 -1.96 0.00	86.76 -0.82 0.00	78.12 -0.68 0.00	100.84 -0.55 0.00	130.96 -1.61 0.00	64.01 -0.69 0.00	58.36 0.22 0.00	58.33 0.86 0.00
STILLWATER___SOLAR 323814	58.25 2.61 0.00	51.37 2.46 0.00	52.20 2.35 0.00	51.73 2.34 0.00	52.88 2.41 0.00	61.27 3.03 0.00	109.45 5.44 0.00	201.06 9.29 0.00	52.06 2.52 0.00	44.92 1.57 0.00	47.08 1.49 0.00	45.31 1.48 0.00	43.41 1.50 0.00	53.89 2.10 0.00	58.02 2.55 0.00	70.39 3.37 0.00	132.51 6.52 0.00	91.54 3.96 0.00	82.67 3.87 0.00	106.12 4.72 0.00	139.33 6.77 0.00	67.86 3.17 0.00	60.60 2.46 0.00	59.88 2.41 0.00
STONY___BROOK 24151	61.67 3.64 -2.38	52.16 3.25 0.01	52.68 2.83 0.01	52.08 2.70 0.01	53.22 2.76 0.01	61.57 3.02 -0.31	119.14 5.17 -9.97	215.60 9.61 -14.23	54.31 2.21 -2.56	45.70 2.34 0.00	48.62 3.03 0.00	45.45 3.28 1.66	42.34 3.10 2.67	54.70 3.67 0.76	65.21 3.70 -6.03	79.09 4.68 -7.39	143.77 6.02 -11.77	102.59 4.19 -10.81	91.47 3.35 -9.32	121.15 3.91 -15.84	151.45 4.91 -13.98	69.17 3.38 -1.09	62.04 3.49 -0.40	61.27 3.81 0.01
STURGEON_POOL_HYD 23609	57.88 2.23 0.00	50.92 2.01 0.00	51.79 1.94 0.00	51.31 1.92 0.00	52.40 1.93 0.00	60.60 2.36 0.00	108.54 4.53 0.00	200.33 8.56 0.00	51.54 2.00 0.00	45.25 1.90 0.00	47.68 2.08 0.00	45.91 2.09 0.00	43.85 1.93 0.00	54.22 2.42 0.00	58.03 2.56 0.00	70.05 3.04 0.00	131.00 5.01 0.00	91.10 3.52 0.00	81.75 2.95 0.00	104.97 3.57 0.00	137.11 4.55 0.00	67.12 2.42 0.00	60.21 2.07 0.00	59.45 1.98 0.00

ST_LAW_115_BK7_LBMP 345037	55.30 -0.34 0.00	48.31 -0.60 0.00	49.21 -0.64 0.00	48.74 -0.65 0.00	49.91 -0.56 0.00	57.69 -0.56 0.00	103.20 -0.80 0.00	190.40 -1.37 0.00	49.17 -0.36 0.00	43.08 -0.27 0.00	45.32 -0.27 0.00	43.58 -0.25 0.00	41.64 -0.28 0.00	51.44 -0.36 0.00	55.09 -0.38 0.00	66.57 -0.44 0.00	126.25 0.26 0.00	88.12 0.54 0.00	79.28 0.48 0.00	102.02 0.63 0.00	133.08 0.52 0.00	65.02 0.32 0.00	58.56 0.42 0.00	58.06 0.59 0.00
ST_LAW_115_BK8_LBMP 345038	55.30 -0.34 0.00	48.31 -0.60 0.00	49.21 -0.64 0.00	48.74 -0.65 0.00	49.91 -0.56 0.00	57.69 -0.56 0.00	103.20 -0.80 0.00	190.40 -1.37 0.00	49.17 -0.36 0.00	43.08 -0.27 0.00	45.32 -0.27 0.00	43.58 -0.25 0.00	41.64 -0.28 0.00	51.44 -0.36 0.00	55.09 -0.38 0.00	66.57 -0.44 0.00	126.25 0.26 0.00	88.12 0.54 0.00	79.28 0.48 0.00	102.02 0.63 0.00	133.08 0.52 0.00	65.02 0.32 0.00	58.56 0.42 0.00	58.06 0.59 0.00
ST_LAW_230_BK5_LBMP 345035	55.29 -0.35 0.00	48.33 -0.58 0.00	49.23 -0.62 0.00	48.74 -0.64 0.00	49.92 -0.55 0.00	57.70 -0.55 0.00	103.21 -0.80 0.00	190.39 -1.37 0.00	49.18 -0.36 0.00	43.09 -0.26 0.00	45.32 -0.27 0.00	43.58 -0.25 0.00	41.64 -0.28 0.00	51.46 -0.34 0.00	55.11 -0.36 0.00	66.58 -0.43 0.00	126.24 0.25 0.00	88.08 0.50 0.00	79.25 0.45 0.00	101.97 0.58 0.00	133.05 0.49 0.00	64.99 0.30 0.00	58.51 0.38 0.00	58.01 0.54 0.00
ST_LAW_230_BK6_LBMP 345036	55.29 -0.35 0.00	48.33 -0.58 0.00	49.23 -0.62 0.00	48.74 -0.64 0.00	49.92 -0.55 0.00	57.70 -0.55 0.00	103.21 -0.80 0.00	190.39 -1.37 0.00	49.18 -0.36 0.00	43.09 -0.26 0.00	45.32 -0.27 0.00	43.58 -0.25 0.00	41.64 -0.28 0.00	51.46 -0.34 0.00	55.11 -0.36 0.00	66.58 -0.43 0.00	126.24 0.25 0.00	88.08 0.50 0.00	79.25 0.45 0.00	101.97 0.58 0.00	133.05 0.49 0.00	64.99 0.30 0.00	58.51 0.38 0.00	58.01 0.54 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	57.84 2.20 0.00	50.88 1.97 0.00	51.70 1.86 0.00	51.22 1.84 0.00	52.33 1.85 0.00	60.57 2.34 0.00	108.45 4.45 0.00	200.02 8.26 0.00	51.45 1.91 0.00	45.21 1.85 0.00	47.66 2.07 0.00	45.89 2.06 0.00	43.85 1.94 0.00	54.26 2.46 0.00	58.02 2.54 0.00	70.07 3.06 0.00	130.90 4.92 0.00	91.07 3.48 0.00	81.64 2.84 0.00	104.85 3.46 0.00	136.89 4.33 0.00	66.96 2.27 0.00	60.09 1.95 0.00	59.36 1.89 0.00
SWANROAD_115KV_TB1 355699	56.59 0.94 0.00	49.40 0.48 0.00	50.60 0.76 0.00	50.18 0.79 0.00	51.13 0.66 0.00	58.01 -0.22 0.00	100.01 -4.00 0.00	184.37 -7.39 0.00	48.02 -1.52 0.00	43.01 -0.34 0.00	45.62 0.02 0.00	43.11 -0.71 0.00	41.31 -0.60 0.00	50.72 -1.08 0.00	54.03 -1.45 0.00	64.10 -2.91 0.00	117.55 -8.44 0.00	81.91 -5.68 0.00	73.79 -5.01 0.00	94.86 -6.53 0.00	123.39 -9.17 0.00	60.36 -4.34 0.00	55.62 -2.52 0.00	55.85 -1.62 0.00
SYNERGY___BIOGAS 323694	58.46 2.82 0.00	51.22 2.31 0.00	52.42 2.58 0.00	51.97 2.58 0.00	53.02 2.55 0.00	60.42 2.18 0.00	105.32 1.32 0.00	194.82 3.06 0.00	50.62 1.08 0.00	45.05 1.70 0.00	47.61 2.01 0.00	44.99 1.16 0.00	42.86 0.94 0.00	52.43 0.63 0.00	55.98 0.50 0.00	66.88 -0.13 0.00	124.16 -1.83 0.00	86.77 -0.82 0.00	78.20 -0.60 0.00	100.59 -0.81 0.00	130.80 -1.76 0.00	63.76 -0.94 0.00	58.35 0.21 0.00	58.22 0.75 0.00
SYRACUSE___ENERGY_ST1 323597	55.61 -0.03 0.00	48.87 -0.05 0.00	49.89 0.04 0.00	49.44 0.05 0.00	50.51 0.04 0.00	58.26 0.02 0.00	103.95 -0.05 0.00	191.95 0.18 0.00	49.58 0.04 0.00	43.47 0.11 0.00	45.72 0.13 0.00	43.81 -0.02 0.00	41.88 -0.04 0.00	51.68 -0.12 0.00	55.25 -0.23 0.00	66.45 -0.56 0.00	124.53 -1.46 0.00	86.71 -0.87 0.00	78.07 -0.74 0.00	100.59 -0.81 0.00	131.39 -1.17 0.00	64.23 -0.47 0.00	57.75 -0.39 0.00	57.08 -0.39 0.00
SYRACUSE___ENERGY_ST2 323598	55.61 -0.03 0.00	48.87 -0.05 0.00	49.89 0.04 0.00	49.44 0.05 0.00	50.51 0.04 0.00	58.26 0.02 0.00	103.95 -0.05 0.00	191.95 0.18 0.00	49.58 0.04 0.00	43.47 0.11 0.00	45.72 0.13 0.00	43.81 -0.02 0.00	41.88 -0.04 0.00	51.68 -0.12 0.00	55.25 -0.23 0.00	66.45 -0.56 0.00	124.53 -1.46 0.00	86.71 -0.87 0.00	78.07 -0.74 0.00	100.59 -0.81 0.00	131.39 -1.17 0.00	64.23 -0.47 0.00	57.75 -0.39 0.00	57.08 -0.39 0.00
SYRACUSE___POWER 24017	55.71 0.07 0.00	48.99 0.08 0.00	49.99 0.14 0.00	49.54 0.15 0.00	50.60 0.13 0.00	58.35 0.11 0.00	104.12 0.12 0.00	192.29 0.53 0.00	49.68 0.14 0.00	43.55 0.20 0.00	45.83 0.24 0.00	43.89 0.07 0.00	41.97 0.06 0.00	51.81 0.01 0.00	55.39 -0.09 0.00	66.61 -0.40 0.00	124.80 -1.19 0.00	86.91 -0.68 0.00	78.20 -0.60 0.00	100.79 -0.61 0.00	131.67 -0.89 0.00	64.38 -0.32 0.00	57.85 -0.28 0.00	57.17 -0.30 0.00
TALLMAN_138KV_BK151 55660	57.97 2.32 0.00	50.98 2.07 0.00	51.78 1.93 0.00	51.29 1.91 0.00	52.39 1.92 0.00	60.70 2.47 0.00	108.68 4.67 0.00	200.58 8.82 0.00	51.54 2.00 0.00	45.34 1.99 0.00	47.83 2.24 0.00	46.08 2.26 0.00	44.04 2.12 0.00	54.54 2.74 0.00	58.24 2.76 0.00	70.29 3.28 0.00	131.18 5.19 0.00	91.29 3.71 0.00	81.76 2.96 0.00	104.98 3.58 0.00	137.02 4.46 0.00	67.03 2.34 0.00	60.17 2.03 0.00	59.42 1.95 0.00
TEALLAVE_115KV_TB7 355573	55.35 -0.30 0.00	48.69 -0.22 0.00	49.67 -0.18 0.00	49.22 -0.17 0.00	50.28 -0.19 0.00	57.95 -0.29 0.00	103.32 -0.68 0.00	190.84 -0.92 0.00	49.31 -0.22 0.00	43.24 -0.11 0.00	45.50 -0.10 0.00	43.57 -0.25 0.00	41.67 -0.24 0.00	51.46 -0.34 0.00	55.01 -0.46 0.00	66.10 -0.92 0.00	123.75 -2.24 0.00	86.09 -1.50 0.00	77.43 -1.37 0.00	99.82 -1.58 0.00	130.39 -2.17 0.00	63.82 -0.87 0.00	57.38 -0.75 0.00	56.71 -0.76 0.00
TELGRAPH_34_KV_EAST 80808	57.51 1.87 0.00	50.34 1.43 0.00	51.54 1.70 0.00	51.10 1.72 0.00	52.09 1.62 0.00	59.18 0.94 0.00	102.66 -1.34 0.00	189.67 -2.10 0.00	49.34 -0.19 0.00	44.07 0.72 0.00	46.67 1.08 0.00	44.13 0.30 0.00	42.19 0.28 0.00	51.76 -0.04 0.00	55.18 -0.30 0.00	65.60 -1.41 0.00	120.84 -5.15 0.00	84.35 -3.23 0.00	75.99 -2.81 0.00	97.76 -3.64 0.00	127.20 -5.35 0.00	62.11 -2.58 0.00	57.02 -1.12 0.00	57.03 -0.44 0.00
TEMPLE___115KV_TB 2 55572	55.37 -0.27 0.00	48.70 -0.21 0.00	49.69 -0.16 0.00	49.23 -0.16 0.00	50.30 -0.17 0.00	57.96 -0.28 0.00	103.35 -0.65 0.00	190.91 -0.86 0.00	49.33 -0.20 0.00	43.25 -0.10 0.00	45.53 -0.07 0.00	43.59 -0.23 0.00	41.69 -0.23 0.00	51.48 -0.32 0.00	55.03 -0.44 0.00	66.12 -0.89 0.00	123.79 -2.20 0.00	86.15 -1.43 0.00	77.49 -1.31 0.00	99.89 -1.51 0.00	130.48 -2.08 0.00	63.85 -0.85 0.00	57.40 -0.73 0.00	56.73 -0.74 0.00
TIANA___69_KV_BK 1 55817	63.83 4.84 -3.35	53.17 4.27 0.01	53.73 3.89 0.01	53.13 3.75 0.01	54.35 3.88 0.01	63.14 4.47 -0.43	125.73 7.98 -13.74	226.09 14.72 -19.60	56.39 3.33 -3.53	46.50 3.14 0.00	49.33 3.74 0.00	46.02 3.90 1.71	42.84 3.68 2.76	55.54 4.53 0.79	68.45 4.67 -8.31	83.32 6.11 -10.19	151.20 9.00 -16.21	108.36 5.88 -14.90	96.61 4.98 -12.84	129.39 6.17 -21.83	159.50 7.67 -19.27	70.81 4.61 -1.50	63.33 4.64 -0.56	62.35 4.88 0.01

TILDEN___115KV_TB1 80814	55.71 0.07 0.00	48.99 0.08 0.00	49.99 0.14 0.00	49.54 0.15 0.00	50.60 0.13 0.00	58.35 0.11 0.00	104.12 0.12 0.00	192.29 0.53 0.00	49.68 0.14 0.00	43.55 0.20 0.00	45.83 0.24 0.00	43.89 0.07 0.00	41.97 0.06 0.00	51.81 0.01 0.00	55.39 -0.09 0.00	66.61 -0.40 0.00	124.80 -1.19 0.00	86.91 -0.68 0.00	78.20 -0.60 0.00	100.79 -0.61 0.00	131.67 -0.89 0.00	64.38 -0.32 0.00	57.85 -0.28 0.00	57.17 -0.30 0.00
TRIGEN___CC 323695	59.20 3.23 -0.33	51.80 2.88 -0.01	52.36 2.50 -0.01	51.77 2.37 -0.01	52.96 2.48 -0.01	60.97 2.73 0.00	108.94 4.94 0.00	201.12 9.36 0.00	51.72 2.18 0.00	45.63 2.27 0.00	48.39 2.80 0.00	49.86 3.08 -2.95	49.61 2.93 -4.77	56.79 3.63 -1.36	59.09 3.60 -0.01	71.37 4.34 -0.01	131.87 5.88 0.00	91.96 4.38 0.00	82.29 3.49 0.00	105.53 4.13 0.00	137.74 5.18 0.00	67.77 3.08 0.00	61.14 3.00 -0.01	60.70 3.22 -0.01
TRINITY___115KV___4 BK 55933	55.93 0.29 0.00	49.53 0.62 0.00	50.36 0.51 0.00	49.89 0.50 0.00	50.87 0.40 0.00	58.76 0.52 0.00	104.93 0.92 0.00	193.04 1.28 0.00	50.12 0.58 0.00	43.62 0.26 0.00	45.75 0.16 0.00	44.12 0.30 0.00	42.27 0.35 0.00	52.08 0.28 0.00	55.86 0.39 0.00	67.63 0.62 0.00	127.10 1.11 0.00	87.84 0.25 0.00	79.13 0.33 0.00	101.62 0.22 0.00	133.18 0.63 0.00	65.04 0.35 0.00	58.19 0.05 0.00	57.49 0.02 0.00
UNION___PROCESSING_DRP 323587	56.91 1.26 0.00	50.04 1.13 0.00	51.14 1.29 0.00	50.69 1.30 0.00	51.73 1.26 0.00	59.14 0.90 0.00	103.82 -0.18 0.00	191.83 0.07 0.00	49.76 0.22 0.00	44.13 0.78 0.00	46.63 1.04 0.00	44.34 0.52 0.00	42.40 0.48 0.00	52.16 0.36 0.00	55.64 0.16 0.00	66.36 -0.65 0.00	123.09 -2.90 0.00	85.89 -1.70 0.00	77.31 -1.48 0.00	99.51 -1.89 0.00	129.58 -2.97 0.00	63.33 -1.36 0.00	57.60 -0.54 0.00	57.22 -0.25 0.00
UPPER HUDSON___HYD 24058	59.30 3.66 0.00	52.22 3.31 0.00	53.00 3.15 0.00	52.55 3.16 0.00	53.75 3.28 0.00	62.46 4.22 0.00	111.49 7.49 0.00	204.94 13.17 0.00	53.17 3.63 0.00	45.59 2.24 0.00	47.89 2.30 0.00	46.05 2.23 0.00	44.06 2.15 0.00	54.75 2.95 0.00	58.99 3.51 0.00	71.70 4.68 0.00	135.10 9.11 0.00	93.15 5.57 0.00	84.38 5.58 0.00	108.14 6.74 0.00	142.44 9.88 0.00	69.17 4.48 0.00	61.68 3.55 0.00	60.91 3.44 0.00
UPPER RAQUET___HYD 24056	55.86 0.22 0.00	48.78 -0.13 0.00	49.73 -0.12 0.00	49.24 -0.14 0.00	50.50 0.03 0.00	58.46 0.22 0.00	104.46 0.45 0.00	193.09 1.32 0.00	50.04 0.50 0.00	43.70 0.35 0.00	45.92 0.33 0.00	44.10 0.28 0.00	41.96 0.04 0.00	51.99 0.19 0.00	55.61 0.14 0.00	67.21 0.19 0.00	127.19 1.21 0.00	88.54 0.96 0.00	80.29 1.49 0.00	103.82 2.42 0.00	135.63 3.07 0.00	66.22 1.53 0.00	59.76 1.62 0.00	59.25 1.78 0.00
VALLEY44_115KV_TB2 355964	57.26 1.62 0.00	50.37 1.46 0.00	51.46 1.62 0.00	51.08 1.69 0.00	52.16 1.69 0.00	59.45 1.21 0.00	102.78 -1.22 0.00	190.00 -1.76 0.00	49.08 -0.46 0.00	44.06 0.71 0.00	47.13 1.53 0.00	44.50 0.68 0.00	42.77 0.86 0.00	52.61 0.81 0.00	56.12 0.65 0.00	66.08 -0.93 0.00	121.10 -4.89 0.00	84.53 -3.06 0.00	75.98 -2.82 0.00	98.56 -2.83 0.00	128.06 -4.50 0.00	62.48 -2.21 0.00	57.16 -0.98 0.00	57.21 -0.26 0.00
VALLEY___115KV_TB 1-4 80826	57.43 1.79 0.00	50.67 1.76 0.00	51.56 1.71 0.00	51.08 1.70 0.00	52.24 1.77 0.00	60.44 2.20 0.00	108.60 4.59 0.00	200.35 8.58 0.00	51.62 2.08 0.00	44.45 1.09 0.00	46.60 1.01 0.00	44.96 1.14 0.00	43.09 1.18 0.00	53.53 1.73 0.00	57.79 2.32 0.00	70.35 3.34 0.00	132.54 6.55 0.00	91.89 4.31 0.00	82.86 4.06 0.00	106.43 5.04 0.00	139.43 6.87 0.00	67.94 3.24 0.00	60.84 2.70 0.00	60.06 2.59 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	58.69 3.04 0.00	51.66 2.75 0.00	52.77 2.92 0.00	52.23 2.85 0.00	53.40 2.93 0.00	61.59 3.34 0.00	110.24 6.24 0.00	203.44 11.68 0.00	52.48 2.94 0.00	46.01 2.65 0.00	48.50 2.90 0.00	46.62 2.79 0.00	44.53 2.62 0.00	55.09 3.29 0.00	58.95 3.47 0.00	71.59 4.57 0.00	134.04 8.05 0.00	93.17 5.58 0.00	83.54 4.74 0.00	107.71 6.32 0.00	140.80 8.24 0.00	68.72 4.02 0.00	61.68 3.54 0.00	60.90 3.42 0.00
VISCHER___FERRY HYD 24020	57.08 1.44 0.00	50.42 1.51 0.00	51.19 1.34 0.00	50.76 1.38 0.00	51.84 1.37 0.00	60.01 1.77 0.00	107.14 3.14 0.00	196.62 4.86 0.00	51.08 1.54 0.00	44.26 0.90 0.00	46.34 0.75 0.00	44.62 0.80 0.00	42.77 0.85 0.00	52.93 1.13 0.00	56.80 1.33 0.00	68.85 1.84 0.00	129.68 3.69 0.00	89.44 1.85 0.00	80.80 2.00 0.00	103.72 2.33 0.00	136.20 3.64 0.00	66.44 1.74 0.00	59.32 1.18 0.00	58.66 1.19 0.00
V_A_10_SYNC_DSASP 323832	56.51 0.86 0.00	49.68 0.78 0.00	50.87 1.02 0.00	50.42 1.03 0.00	51.39 0.92 0.00	58.40 0.16 0.00	101.46 -2.55 0.00	187.28 -4.48 0.00	48.64 -0.90 0.00	43.41 0.05 0.00	46.00 0.41 0.00	43.61 -0.21 0.00	41.78 -0.14 0.00	51.43 -0.37 0.00	54.76 -0.71 0.00	64.99 -2.02 0.00	119.59 -6.39 0.00	83.33 -4.25 0.00	75.03 -3.77 0.00	96.63 -4.77 0.00	125.81 -6.75 0.00	61.50 -3.19 0.00	56.34 -1.80 0.00	56.19 -1.28 0.00
V_CMM_10_SYNC_DSASP 323787	55.62 -0.02 0.00	48.60 -0.30 0.00	49.49 -0.36 0.00	49.00 -0.39 0.00	50.20 -0.28 0.00	58.02 -0.22 0.00	103.79 -0.21 0.00	191.45 -0.31 0.00	49.46 -0.08 0.00	43.33 -0.03 0.00	45.58 -0.01 0.00	43.84 0.01 0.00	41.88 -0.03 0.00	51.74 -0.06 0.00	55.40 -0.07 0.00	66.95 -0.07 0.00	126.87 0.88 0.00	88.49 0.90 0.00	79.39 0.60 0.00	102.44 1.04 0.00	133.14 0.58 0.00	65.34 0.64 0.00	58.90 0.76 0.00	58.40 0.93 0.00
V_CMP_10_SYNC_DSASP 323788	54.89 -0.75 0.00	47.91 -1.00 0.00	48.83 -1.02 0.00	48.38 -1.01 0.00	49.79 -0.68 0.00	57.81 -0.43 0.00	104.03 0.02 0.00	192.77 1.00 0.00	49.87 0.33 0.00	43.59 0.23 0.00	45.86 0.26 0.00	44.17 0.35 0.00	42.25 0.33 0.00	52.24 0.44 0.00	55.99 0.52 0.00	67.71 0.70 0.00	128.48 2.49 0.00	89.95 2.36 0.00	81.20 2.40 0.00	103.98 2.58 0.00	135.86 3.30 0.00	66.24 1.55 0.00	59.62 1.49 0.00	59.08 1.61 0.00
V_D_10_SYNC_DSASP 323841	56.07 0.43 0.00	49.00 0.09 0.00	49.89 0.04 0.00	49.41 0.03 0.00	50.62 0.15 0.00	58.52 0.28 0.00	104.66 0.65 0.00	193.13 1.36 0.00	49.89 0.36 0.00	43.70 0.35 0.00	45.97 0.37 0.00	44.19 0.36 0.00	42.18 0.27 0.00	52.14 0.34 0.00	55.83 0.35 0.00	67.44 0.42 0.00	127.91 1.92 0.00	89.34 1.75 0.00	80.55 1.75 0.00	103.57 2.17 0.00	135.24 2.68 0.00	66.03 1.33 0.00	59.46 1.32 0.00	58.96 1.49 0.00
V_E_10_SYNC_DSASP 323830	58.55 2.91 0.00	51.49 2.58 0.00	52.81 2.96 0.00	52.40 3.01 0.00	53.51 3.04 0.00	61.93 3.69 0.00	111.40 7.39 0.00	207.15 15.38 0.00	53.30 3.76 0.00	46.68 3.33 0.00	49.34 3.75 0.00	47.01 3.19 0.00	44.88 2.96 0.00	55.39 3.59 0.00	59.54 4.07 0.00	71.90 4.89 0.00	136.59 10.61 0.00	95.89 8.30 0.00	86.19 7.39 0.00	111.16 9.76 0.00	144.99 12.43 0.00	70.41 5.71 0.00	63.04 4.91 0.00	61.96 4.49 0.00

V_F_30_NSYNC___DSASP 323816	58.34 2.69 0.00	51.44 2.53 0.00	52.27 2.43 0.00	51.80 2.42 0.00	52.96 2.49 0.00	61.35 3.11 0.00	109.60 5.60 0.00	201.32 9.56 0.00	52.12 2.58 0.00	45.02 1.66 0.00	47.21 1.61 0.00	45.43 1.61 0.00	43.52 1.61 0.00	54.01 2.21 0.00	58.12 2.65 0.00	70.49 3.48 0.00	132.66 6.67 0.00	91.69 4.11 0.00	82.80 4.00 0.00	106.25 4.86 0.00	139.54 6.98 0.00	67.93 3.24 0.00	60.68 2.55 0.00	59.95 2.49 0.00
V_F_30_SYNC_DSASP 323786	56.09 0.45 0.00	49.70 0.79 0.00	50.52 0.67 0.00	50.03 0.64 0.00	51.01 0.54 0.00	58.95 0.71 0.00	105.33 1.33 0.00	193.84 2.08 0.00	50.32 0.78 0.00	43.76 0.41 0.00	45.95 0.36 0.00	44.31 0.48 0.00	42.45 0.54 0.00	52.29 0.49 0.00	56.11 0.64 0.00	67.93 0.92 0.00	127.65 1.66 0.00	88.24 0.65 0.00	79.44 0.64 0.00	102.01 0.62 0.00	133.62 1.06 0.00	65.25 0.56 0.00	58.38 0.24 0.00	57.66 0.19 0.00
V_XM_10_SYNC_DSASP 323789	54.89 -0.75 0.00	47.91 -1.00 0.00	48.83 -1.02 0.00	48.38 -1.01 0.00	49.79 -0.68 0.00	57.81 -0.43 0.00	104.03 0.02 0.00	192.77 1.00 0.00	49.87 0.33 0.00	43.59 0.23 0.00	45.86 0.26 0.00	44.17 0.35 0.00	42.25 0.33 0.00	52.24 0.44 0.00	55.99 0.52 0.00	67.71 0.70 0.00	128.48 2.49 0.00	89.95 2.36 0.00	81.20 2.40 0.00	103.98 2.58 0.00	135.86 3.30 0.00	66.24 1.55 0.00	59.62 1.49 0.00	59.08 1.61 0.00
W.BABYLN_69_KV_BK1 56697	60.87 4.19 -1.03	52.59 3.68 0.00	53.14 3.29 0.00	52.53 3.15 0.00	53.72 3.25 0.00	62.02 3.66 -0.12	114.27 6.52 -3.75	209.36 12.24 -5.35	53.47 2.97 -0.96	46.21 2.85 0.00	49.07 3.48 0.00	47.00 3.67 0.49	44.64 3.52 0.79	55.97 4.39 0.23	62.29 4.54 -2.27	75.42 5.62 -2.78	138.58 8.17 -4.43	97.51 5.85 -4.07	87.15 4.84 -3.50	113.13 5.77 -5.96	145.07 7.25 -5.26	69.44 4.34 -0.41	62.43 4.14 -0.15	61.78 4.31 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	58.25 2.61 0.00	51.23 2.32 0.00	52.04 2.19 0.00	51.55 2.16 0.00	52.65 2.18 0.00	61.00 2.76 0.00	109.24 5.24 0.00	201.66 9.89 0.00	51.82 2.29 0.00	45.58 2.23 0.00	48.09 2.50 0.00	46.34 2.52 0.00	44.28 2.36 0.00	54.83 3.03 0.00	58.58 3.10 0.00	70.70 3.69 0.00	131.95 5.96 0.00	91.82 4.24 0.00	82.24 3.44 0.00	105.60 4.20 0.00	137.81 5.26 0.00	67.41 2.71 0.00	60.50 2.36 0.00	59.74 2.27 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	58.60 2.96 0.00	51.23 2.32 0.00	52.01 2.17 0.00	51.50 2.11 0.00	52.58 2.11 0.00	60.91 2.67 0.00	109.07 5.07 0.00	201.28 9.51 0.00	51.80 2.26 0.00	45.66 2.30 0.00	48.16 2.57 0.00	46.40 2.58 0.00	44.38 2.46 0.00	54.89 3.09 0.00	58.63 3.15 0.00	70.63 3.62 0.00	131.58 5.60 0.00	91.53 3.94 0.00	81.97 3.17 0.00	105.14 3.74 0.00	137.18 4.62 0.00	67.22 2.53 0.00	60.37 2.23 0.00	59.70 2.23 0.00
W50THST__13_KV_LOAD 356117	58.61 2.97 0.00	51.56 2.65 0.00	52.34 2.49 0.00	51.82 2.43 0.00	52.91 2.44 0.00	61.32 3.08 0.00	109.84 5.83 0.00	202.73 10.96 0.00	52.22 2.69 0.00	46.10 2.74 0.00	48.66 3.07 0.00	46.88 3.06 0.00	44.85 2.93 0.00	55.46 3.66 0.00	59.24 3.76 0.00	71.28 4.26 0.00	132.63 6.65 0.00	92.24 4.66 0.00	82.58 3.78 0.00	105.85 4.45 0.00	137.97 5.41 0.00	67.53 2.84 0.00	60.64 2.50 0.00	59.96 2.49 0.00
WADING RIVER_IC_1 23522	63.24 4.22 -3.38	52.64 3.73 0.01	53.17 3.33 0.01	52.57 3.19 0.01	53.80 3.33 0.01	62.45 3.78 -0.43	124.55 6.69 -13.85	223.95 12.41 -19.77	55.87 2.77 -3.56	46.03 2.68 0.00	48.85 3.25 0.00	45.58 3.47 1.71	42.42 3.28 2.76	55.02 4.01 0.79	67.98 4.12 -8.38	82.73 5.44 -10.27	150.00 7.67 -16.34	107.83 5.22 -15.02	96.08 4.34 -12.94	128.65 5.24 -22.01	158.55 6.56 -19.43	70.26 4.05 -1.52	62.80 4.10 -0.56	61.80 4.34 0.01
WADING RIVER_IC_2 23547	63.24 4.22 -3.38	52.64 3.73 0.01	53.17 3.33 0.01	52.57 3.19 0.01	53.80 3.33 0.01	62.45 3.78 -0.43	124.55 6.69 -13.85	223.95 12.41 -19.77	55.87 2.77 -3.56	46.03 2.68 0.00	48.85 3.25 0.00	45.58 3.47 1.71	42.42 3.28 2.76	55.02 4.01 0.79	67.98 4.12 -8.38	82.73 5.44 -10.27	150.00 7.67 -16.34	107.83 5.22 -15.02	96.08 4.34 -12.94	128.65 5.24 -22.01	158.55 6.56 -19.43	70.26 4.05 -1.52	62.80 4.10 -0.56	61.80 4.34 0.01
WADING RIVER_IC_3 23601	63.24 4.22 -3.38	52.64 3.73 0.01	53.17 3.33 0.01	52.57 3.19 0.01	53.80 3.33 0.01	62.45 3.78 -0.43	124.55 6.69 -13.85	223.95 12.41 -19.77	55.87 2.77 -3.56	46.03 2.68 0.00	48.85 3.25 0.00	45.58 3.47 1.71	42.42 3.28 2.76	55.02 4.01 0.79	67.98 4.12 -8.38	82.73 5.44 -10.27	150.00 7.67 -16.34	107.83 5.22 -15.02	96.08 4.34 -12.94	128.65 5.24 -22.01	158.55 6.56 -19.43	70.26 4.05 -1.52	62.80 4.10 -0.56	61.80 4.34 0.01
WALDENNY_12_KV_BK2 80841	57.47 1.83 0.00	50.46 1.55 0.00	51.67 1.82 0.00	51.22 1.84 0.00	52.22 1.75 0.00	59.39 1.15 0.00	102.79 -1.22 0.00	190.00 -1.77 0.00	49.44 -0.09 0.00	44.24 0.89 0.00	46.99 1.40 0.00	44.34 0.52 0.00	42.53 0.61 0.00	52.36 0.56 0.00	55.74 0.26 0.00	66.00 -1.01 0.00	121.32 -4.67 0.00	84.60 -2.98 0.00	76.18 -2.61 0.00	98.27 -3.13 0.00	127.78 -4.78 0.00	62.40 -2.30 0.00	57.19 -0.94 0.00	57.18 -0.29 0.00
WALDEN___HYDRO 24148	58.11 2.47 0.00	51.13 2.22 0.00	51.95 2.11 0.00	51.48 2.09 0.00	52.58 2.11 0.00	60.88 2.64 0.00	109.00 5.00 0.00	201.13 9.36 0.00	51.72 2.18 0.00	45.42 2.07 0.00	47.85 2.25 0.00	46.08 2.25 0.00	44.03 2.11 0.00	54.43 2.63 0.00	58.22 2.74 0.00	70.33 3.32 0.00	131.57 5.58 0.00	91.56 3.98 0.00	82.13 3.33 0.00	105.46 4.07 0.00	137.75 5.19 0.00	67.36 2.66 0.00	60.44 2.30 0.00	59.68 2.21 0.00
WARRENSBURG____ 23737	59.30 3.65 0.00	52.22 3.30 0.00	53.00 3.15 0.00	52.55 3.16 0.00	53.75 3.28 0.00	62.46 4.22 0.00	111.49 7.49 0.00	204.93 13.17 0.00	53.17 3.63 0.00	45.60 2.24 0.00	47.89 2.30 0.00	46.05 2.23 0.00	44.07 2.15 0.00	54.75 2.95 0.00	58.99 3.51 0.00	71.70 4.68 0.00	135.10 9.12 0.00	93.15 5.57 0.00	84.38 5.58 0.00	108.14 6.74 0.00	142.49 9.93 0.00	69.17 4.48 0.00	61.68 3.55 0.00	60.91 3.45 0.00
WATERSIDE___6 8 9 23538	58.18 2.53 0.00	51.22 2.31 0.00	51.98 2.14 0.00	51.47 2.08 0.00	52.54 2.07 0.00	60.86 2.62 0.00	108.99 4.99 0.00	200.94 9.17 0.00	51.89 2.36 0.00	45.77 2.41 0.00	48.25 2.65 0.00	46.49 2.67 0.00	44.47 2.56 0.00	54.98 3.18 0.00	58.69 3.21 0.00	70.57 3.55 0.00	131.40 5.41 0.00	91.43 3.85 0.00	81.87 3.07 0.00	104.96 3.56 0.00	136.98 4.42 0.00	67.08 2.39 0.00	60.30 2.17 0.00	59.54 2.07 0.00
WATKINRD_115KV_LN8_ILLION 55919	57.04 1.40 0.00	50.28 1.37 0.00	51.20 1.35 0.00	50.73 1.34 0.00	51.85 1.38 0.00	59.95 1.71 0.00	107.46 3.46 0.00	198.26 6.50 0.00	51.11 1.57 0.00	44.21 0.86 0.00	46.38 0.78 0.00	44.69 0.87 0.00	42.82 0.91 0.00	53.11 1.31 0.00	57.21 1.73 0.00	69.48 2.47 0.00	130.80 4.81 0.00	90.78 3.20 0.00	81.79 3.00 0.00	105.09 3.69 0.00	137.57 5.01 0.00	67.04 2.34 0.00	60.06 1.93 0.00	59.32 1.84 0.00

WDELAWARE___HYD 323627	58.09 2.45 0.00	51.09 2.18 0.00	51.96 2.11 0.00	51.46 2.08 0.00	52.60 2.13 0.00	60.96 2.72 0.00	109.16 5.15 0.00	201.62 9.85 0.00	51.84 2.30 0.00	45.48 2.13 0.00	47.91 2.32 0.00	46.12 2.29 0.00	43.87 1.96 0.00	52.99 1.19 0.00	56.67 1.19 0.00	68.42 1.40 0.00	128.67 2.68 0.00	89.66 2.08 0.00	80.42 1.62 0.00	103.38 1.98 0.00	135.18 2.62 0.00	67.72 3.03 0.00	60.73 2.59 0.00	59.90 2.43 0.00
WEST BABYLON___IC 23714	60.87 4.19 -1.03	52.59 3.68 0.00	53.14 3.29 0.00	52.53 3.15 0.00	53.72 3.25 0.00	62.02 3.66 -0.12	114.27 6.52 -3.75	209.36 12.24 -5.35	53.47 2.97 -0.96	46.21 2.85 0.00	49.07 3.48 0.00	47.00 3.67 0.49	44.64 3.52 0.79	55.97 4.39 0.23	62.29 4.54 -2.27	75.42 5.62 -2.78	138.58 8.17 -4.43	97.51 5.85 -4.07	87.15 4.84 -3.50	113.13 5.77 -5.96	145.07 7.25 -5.26	69.44 4.34 -0.41	62.43 4.14 -0.15	61.78 4.31 0.00
WEST CANADA___HYD 24049	55.83 0.18 0.00	49.16 0.24 0.00	50.10 0.25 0.00	49.63 0.25 0.00	50.72 0.25 0.00	58.52 0.28 0.00	104.47 0.46 0.00	192.56 0.79 0.00	49.74 0.20 0.00	43.46 0.11 0.00	45.69 0.10 0.00	43.96 0.13 0.00	42.05 0.13 0.00	51.99 0.20 0.00	55.75 0.27 0.00	67.45 0.44 0.00	126.65 0.66 0.00	87.96 0.37 0.00	79.15 0.35 0.00	101.81 0.41 0.00	133.22 0.67 0.00	64.93 0.24 0.00	58.31 0.17 0.00	57.65 0.18 0.00
WESTERN_NY_WIND 24143	58.39 2.75 0.00	51.16 2.25 0.00	52.37 2.52 0.00	51.91 2.52 0.00	52.96 2.49 0.00	60.34 2.10 0.00	105.15 1.15 0.00	194.48 2.72 0.00	50.55 1.01 0.00	44.97 1.61 0.00	47.54 1.95 0.00	44.92 1.10 0.00	42.81 0.89 0.00	52.36 0.57 0.00	55.92 0.45 0.00	66.79 -0.22 0.00	123.91 -2.07 0.00	86.60 -0.99 0.00	78.05 -0.75 0.00	100.39 -1.01 0.00	130.52 -2.04 0.00	63.64 -1.05 0.00	58.25 0.11 0.00	58.15 0.68 0.00
WESTOVER___LESR 323668	56.69 1.05 0.00	49.83 0.93 0.00	50.89 1.04 0.00	50.45 1.06 0.00	51.51 1.04 0.00	59.34 1.10 0.00	105.74 1.74 0.00	195.23 3.47 0.00	50.40 0.86 0.00	44.29 0.94 0.00	46.71 1.12 0.00	44.67 0.84 0.00	42.73 0.82 0.00	52.73 0.93 0.00	56.36 0.88 0.00	67.85 0.84 0.00	127.14 1.16 0.00	88.51 0.92 0.00	79.60 0.80 0.00	102.60 1.20 0.00	134.04 1.48 0.00	65.45 0.76 0.00	58.89 0.75 0.00	58.26 0.79 0.00
WETHRSFD_WT_PWR 323626	55.87 0.23 0.00	49.10 0.19 0.00	50.23 0.38 0.00	49.91 0.53 0.00	50.87 0.40 0.00	58.02 -0.22 0.00	101.20 -2.80 0.00	187.47 -4.29 0.00	48.69 -0.85 0.00	43.31 -0.05 0.00	46.13 0.53 0.00	43.51 -0.32 0.00	41.72 -0.20 0.00	51.39 -0.41 0.00	54.64 -0.84 0.00	65.01 -2.00 0.00	120.53 -5.46 0.00	84.09 -3.49 0.00	75.76 -3.05 0.00	97.78 -3.61 0.00	127.07 -5.49 0.00	62.11 -2.59 0.00	56.85 -1.29 0.00	56.88 -0.59 0.00
WHAVSTOR_138KV_BK127 55557	57.91 2.26 0.00	50.95 2.05 0.00	51.75 1.90 0.00	51.27 1.88 0.00	52.35 1.88 0.00	60.64 2.40 0.00	108.56 4.56 0.00	200.34 8.57 0.00	51.50 1.97 0.00	45.30 1.94 0.00	47.78 2.18 0.00	46.03 2.20 0.00	44.00 2.08 0.00	54.46 2.66 0.00	58.17 2.70 0.00	70.19 3.18 0.00	130.97 4.99 0.00	91.16 3.58 0.00	81.66 2.86 0.00	104.84 3.44 0.00	136.88 4.32 0.00	66.96 2.26 0.00	60.11 1.98 0.00	59.38 1.91 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	57.91 2.26 0.00	50.95 2.05 0.00	51.75 1.90 0.00	51.27 1.88 0.00	52.35 1.88 0.00	60.64 2.40 0.00	108.56 4.56 0.00	200.34 8.57 0.00	51.50 1.97 0.00	45.30 1.94 0.00	47.78 2.18 0.00	46.03 2.20 0.00	44.00 2.08 0.00	54.46 2.66 0.00	58.17 2.70 0.00	70.19 3.18 0.00	130.97 4.99 0.00	91.16 3.58 0.00	81.66 2.86 0.00	104.84 3.44 0.00	136.88 4.32 0.00	66.96 2.26 0.00	60.11 1.98 0.00	59.38 1.91 0.00
WHITEHAL_115KV_TB1 80871	60.43 4.79 0.00	53.33 4.42 0.00	53.75 3.90 0.00	53.28 3.90 0.00	54.54 4.06 0.00	64.06 5.82 0.00	113.51 9.50 0.00	207.85 16.08 0.00	54.78 5.24 0.00	45.91 2.56 0.00	48.41 2.82 0.00	46.56 2.74 0.00	44.55 2.63 0.00	55.69 3.90 0.00	60.23 4.75 0.00	73.84 6.83 0.00	139.80 13.81 0.00	94.82 7.23 0.00	87.09 8.29 0.00	111.16 9.76 0.00	147.25 14.69 0.00	71.02 6.32 0.00	62.67 4.54 0.00	61.96 4.49 0.00
WHITEPLN_13_KV_LOAD 356215	58.57 2.92 0.00	51.52 2.61 0.00	52.33 2.48 0.00	51.82 2.43 0.00	52.92 2.45 0.00	61.31 3.07 0.00	109.86 5.86 0.00	202.86 11.10 0.00	52.20 2.66 0.00	45.93 2.58 0.00	48.44 2.85 0.00	46.63 2.81 0.00	44.60 2.69 0.00	55.19 3.39 0.00	58.97 3.50 0.00	71.16 4.15 0.00	132.82 6.83 0.00	92.41 4.82 0.00	82.78 3.98 0.00	106.25 4.86 0.00	138.57 6.01 0.00	67.80 3.11 0.00	60.84 2.71 0.00	60.06 2.59 0.00
WM_FLOYD_69_KV_BK2 356380	62.90 4.05 -3.21	52.50 3.60 0.01	53.04 3.20 0.01	52.43 3.05 0.01	53.63 3.16 0.01	62.23 3.58 -0.41	123.48 6.28 -13.20	222.29 11.70 -18.82	55.55 2.62 -3.39	45.90 2.55 0.00	48.74 3.15 0.00	45.51 3.37 1.69	42.38 3.18 2.72	54.91 3.88 0.78	67.42 3.97 -7.98	82.02 5.23 -9.78	148.77 7.22 -15.57	106.95 5.06 -14.30	95.27 4.14 -12.33	127.35 4.99 -20.96	157.35 6.29 -18.50	70.04 3.90 -1.45	62.62 3.95 -0.54	61.67 4.20 0.01
WOODARD__115KV_TB2 355635	55.21 -0.43 0.00	48.55 -0.36 0.00	49.55 -0.30 0.00	49.09 -0.30 0.00	50.15 -0.32 0.00	57.80 -0.44 0.00	103.08 -0.92 0.00	190.37 -1.40 0.00	49.18 -0.36 0.00	43.11 -0.25 0.00	45.35 -0.24 0.00	43.46 -0.36 0.00	41.56 -0.35 0.00	51.33 -0.47 0.00	54.89 -0.58 0.00	65.92 -1.09 0.00	123.50 -2.49 0.00	85.92 -1.67 0.00	77.32 -1.48 0.00	99.65 -1.74 0.00	130.21 -2.35 0.00	63.74 -0.95 0.00	57.30 -0.84 0.00	56.63 -0.84 0.00
WOODMERE_69_KV_BK1 55827	60.68 4.00 -1.03	52.49 3.55 -0.03	53.02 3.14 -0.03	52.43 3.01 -0.03	53.63 3.13 -0.03	61.69 3.45 0.00	110.27 6.26 0.00	203.49 11.73 0.00	52.27 2.74 0.00	46.14 2.78 0.00	48.99 3.38 -0.01	56.58 3.65 -9.11	60.06 3.44 -14.70	60.30 4.30 -4.20	59.88 4.37 -0.03	72.32 5.28 -0.03	133.44 7.45 0.00	93.13 5.54 0.00	83.35 4.54 0.00	106.80 5.40 0.00	139.57 7.00 -0.01	68.59 3.90 0.00	61.89 3.73 -0.02	61.45 3.95 -0.04
YORK___WARBASSE 23770	58.39 2.75 0.00	51.49 2.57 0.00	52.21 2.36 0.00	51.72 2.33 0.00	52.80 2.33 0.00	61.11 2.87 0.00	109.47 5.47 0.00	201.80 10.04 0.00	52.15 2.61 0.00	45.94 2.58 0.00	48.41 2.81 0.00	46.68 2.85 0.00	44.62 2.70 0.00	55.19 3.39 0.00	58.89 3.42 0.00	70.77 3.76 0.00	131.87 5.88 0.00	91.81 4.22 0.00	82.22 3.42 0.00	105.41 4.01 0.00	137.68 5.13 0.00	67.42 2.73 0.00	60.65 2.52 0.00	59.82 2.35 0.00