

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

12/02/2025

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	74.73	70.55	68.25	67.78	66.58	71.22	92.70	103.78	103.55	119.24	120.66	121.61	118.40	113.82	112.27	107.37	122.06	151.33	130.11	117.74	104.40	94.35	89.54	81.43
24138	2.11	2.05	1.92	1.91	1.69	2.07	2.87	2.92	3.89	4.70	5.09	5.57	4.99	4.80	4.53	4.62	5.03	5.96	5.24	4.64	3.43	3.19	2.27	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	74.94	70.69	68.45	67.98	66.78	71.36	92.88	103.88	103.75	119.47	120.77	121.73	118.51	113.93	112.38	107.58	122.30	151.62	130.49	117.96	104.70	94.54	89.71	81.67
24260	2.32	2.19	2.12	2.11	1.88	2.21	3.05	3.03	4.09	4.93	5.20	5.69	5.10	4.91	4.63	4.83	5.27	6.25	5.62	4.86	3.74	3.37	2.44	2.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	74.94	70.69	68.45	67.98	66.78	71.36	92.88	103.88	103.75	119.47	120.77	121.73	118.51	113.93	112.38	107.58	122.30	151.62	130.49	117.96	104.70	94.54	89.71	81.67
24261	2.32	2.19	2.12	2.11	1.88	2.21	3.05	3.03	4.09	4.93	5.20	5.69	5.10	4.91	4.63	4.83	5.27	6.25	5.62	4.86	3.74	3.37	2.44	2.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	75.60	71.44	69.11	68.70	67.82	72.40	94.40	106.00	105.45	121.08	122.04	122.31	119.19	114.36	112.92	108.19	123.23	153.08	131.36	118.76	106.11	95.08	90.85	82.38
24011	2.98	2.95	2.79	2.83	2.92	3.25	4.58	5.14	5.78	6.53	6.47	6.27	5.78	5.34	5.17	5.45	6.20	7.70	6.49	5.66	5.15	3.92	3.58	2.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	75.81	71.65	69.31	68.97	68.08	72.60	94.85	106.50	106.05	121.65	122.74	123.00	119.64	114.80	113.35	108.60	123.81	154.24	131.98	119.32	106.51	95.45	91.20	82.62
23798	3.19	3.15	2.99	3.10	3.18	3.46	5.03	5.64	6.38	7.10	7.17	6.96	6.23	5.77	5.60	5.85	6.79	8.87	7.11	6.22	5.55	4.29	3.93	3.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	75.60	71.44	69.11	68.70	67.82	72.40	94.40	106.00	105.45	121.08	122.04	122.31	119.19	114.36	112.92	108.19	123.23	153.08	131.36	118.76	106.11	95.08	90.85	82.38
24028	2.98	2.95	2.79	2.83	2.92	3.25	4.58	5.14	5.78	6.53	6.47	6.27	5.78	5.34	5.17	5.45	6.20	7.70	6.49	5.66	5.15	3.92	3.58	2.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	75.45	71.17	68.91	68.43	67.43	71.84	93.51	104.48	104.84	120.27	121.35	121.96	117.60	113.16	111.84	106.96	121.36	150.76	129.61	117.40	104.59	94.54	90.32	82.23
23527	2.83	2.67	2.58	2.57	2.53	2.69	3.68	3.63	5.18	5.72	5.78	5.91	4.20	4.14	4.09	4.21	4.33	5.38	4.74	4.30	3.63	3.38	3.05	2.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	73.42	69.25	67.12	66.66	65.68	70.04	90.72	101.36	100.86	116.04	116.96	117.55	114.31	110.00	108.61	103.98	117.97	146.10	125.87	113.89	101.57	91.62	87.62	79.68
24190	0.80	0.75	0.80	0.79	0.78	0.90	0.90	0.50	1.20	1.49	1.39	1.51	0.91	0.98	0.86	1.23	0.94	0.73	1.00	0.79	0.61	0.46	0.35	0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	73.78	69.60	67.45	66.92	65.94	70.32	91.44	102.57	100.56	116.38	117.31	117.90	114.88	110.44	109.25	103.47	117.97	146.83	125.99	114.12	101.87	92.08	88.23	81.11
355683	1.16	1.10	1.13	1.05	1.04	1.18	1.62	1.71	0.90	1.83	1.73	1.86	1.47	1.42	1.51	0.72	0.94	1.45	1.12	1.02	0.91	0.91	0.96	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
ALBANY_1_SOLAR	74.87	70.69	68.45	67.98	67.04	71.36	92.51	103.38	101.76	116.96	117.88	118.24	115.56	111.20	109.90	105.11	119.49	148.57	127.49	115.48	103.49	93.53	89.36	81.35
323833	2.25	2.19	2.12	2.11	2.14	2.21	2.69	2.52	2.10	2.41	2.31	2.20	2.15	2.18	2.15	2.37	2.46	3.19	2.63	2.38	2.53	2.37	2.09	1.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	74.87	70.63	68.45	67.98	66.97	71.36	92.51	103.38	101.76	116.96	117.76	118.24	115.56	111.20	109.90	105.11	119.37	148.43	127.49	115.48	103.49	93.44	89.36	81.27
323834	2.25	2.13	2.12	2.11	2.08	2.21	2.69	2.52	2.10	2.41	2.19	2.20	2.15	2.18	2.15	2.37	2.34	3.06	2.63	2.38	2.53	2.28	2.09	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	73.42	69.25	67.12	66.66	65.68	70.04	90.72	101.36	100.86	116.04	116.96	117.55	114.31	110.00	108.61	103.98	117.97	146.10	125.87	113.89	101.57	91.62	87.62	79.68
23571	0.80	0.75	0.80	0.79	0.78	0.90	0.90	0.50	1.20	1.49	1.39	1.51	0.91	0.98	0.86	1.23	0.94	0.73	1.00	0.79	0.61	0.46	0.35	0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	73.42 0.80 0.00	69.25 0.75 0.00	67.12 0.80 0.00	66.66 0.79 0.00	65.68 0.78 0.00	70.04 0.90 0.00	90.72 0.90 0.00	101.36 0.50 0.00	100.86 1.20 0.00	116.04 1.49 0.00	116.96 1.39 0.00	117.55 1.51 0.00	114.31 0.91 0.00	110.00 0.98 0.00	108.61 0.86 0.00	103.98 1.23 0.00	117.97 0.94 0.00	146.10 0.73 0.00	125.87 1.00 0.00	113.89 0.79 0.00	101.57 0.61 0.00	91.62 0.46 0.00	87.62 0.35 0.00	79.68 0.16 0.00
ALBANY___3 23573	73.42 0.80 0.00	69.25 0.75 0.00	67.12 0.80 0.00	66.66 0.79 0.00	65.68 0.78 0.00	70.04 0.90 0.00	90.72 0.90 0.00	101.36 0.50 0.00	100.86 1.20 0.00	116.04 1.49 0.00	116.96 1.39 0.00	117.55 1.51 0.00	114.31 0.91 0.00	110.00 0.98 0.00	108.61 0.86 0.00	103.98 1.23 0.00	117.97 0.94 0.00	146.10 0.73 0.00	125.87 1.00 0.00	113.89 0.79 0.00	101.57 0.61 0.00	91.62 0.46 0.00	87.62 0.35 0.00	79.68 0.16 0.00
ALBANY___4 23574	73.42 0.80 0.00	69.25 0.75 0.00	67.12 0.80 0.00	66.66 0.79 0.00	65.68 0.78 0.00	70.04 0.90 0.00	90.72 0.90 0.00	101.36 0.50 0.00	100.86 1.20 0.00	116.04 1.49 0.00	116.96 1.39 0.00	117.55 1.51 0.00	114.31 0.91 0.00	110.00 0.98 0.00	108.61 0.86 0.00	103.98 1.23 0.00	117.97 0.94 0.00	146.10 0.73 0.00	125.87 1.00 0.00	113.89 0.79 0.00	101.57 0.61 0.00	91.62 0.46 0.00	87.62 0.35 0.00	79.68 0.16 0.00
ALBANY___LFGE 323615	74.00 1.38 0.00	69.87 1.37 0.00	67.72 1.40 0.00	67.25 1.39 0.00	66.26 1.36 0.00	70.60 1.45 0.00	91.52 1.70 0.00	102.27 1.41 0.00	101.66 1.99 0.00	116.96 2.41 0.00	118.00 2.43 0.00	118.59 2.55 0.00	115.11 1.70 0.00	110.76 1.74 0.00	109.36 1.62 0.00	104.60 1.85 0.00	118.79 1.76 0.00	147.41 2.03 0.00	126.61 1.75 0.00	114.57 1.47 0.00	102.48 1.52 0.00	92.53 1.37 0.00	88.40 1.13 0.00	80.32 0.80 0.00
ALCOA_PA_115KV_PL-6C 55860	74.29 1.67 0.00	70.07 1.58 0.00	67.98 1.66 0.00	67.45 1.58 0.00	66.45 1.56 0.00	70.81 1.66 0.00	92.07 2.25 0.00	103.38 2.52 0.00	101.86 2.19 0.00	117.30 2.75 0.00	118.35 2.77 0.00	118.94 2.90 0.00	116.01 2.61 0.00	111.64 2.62 0.00	110.22 2.48 0.00	104.80 2.05 0.00	119.37 2.34 0.00	148.72 3.34 0.00	127.61 2.75 0.00	115.59 2.49 0.00	103.18 2.22 0.00	93.17 2.01 0.00	89.36 2.09 0.00	81.67 2.15 0.00
ALCOA_RYNLDS___DRP 24188	74.29 1.67 0.00	70.07 1.58 0.00	67.98 1.66 0.00	67.45 1.58 0.00	66.45 1.56 0.00	70.81 1.66 0.00	92.07 2.25 0.00	103.38 2.52 0.00	101.86 2.19 0.00	117.30 2.75 0.00	118.35 2.77 0.00	118.94 2.90 0.00	116.01 2.61 0.00	111.64 2.62 0.00	110.22 2.48 0.00	104.80 2.05 0.00	119.37 2.34 0.00	148.72 3.34 0.00	127.61 2.75 0.00	115.59 2.49 0.00	103.18 2.22 0.00	93.17 2.01 0.00	89.36 2.09 0.00	81.67 2.15 0.00
ALCOA___DSASP 323711	74.29 1.67 0.00	70.07 1.58 0.00	67.98 1.66 0.00	67.45 1.58 0.00	66.45 1.56 0.00	70.81 1.66 0.00	92.07 2.25 0.00	103.38 2.52 0.00	101.86 2.19 0.00	117.30 2.75 0.00	118.35 2.77 0.00	118.94 2.90 0.00	116.01 2.61 0.00	111.64 2.62 0.00	110.22 2.48 0.00	104.80 2.05 0.00	119.37 2.34 0.00	148.72 3.34 0.00	127.61 2.75 0.00	115.59 2.49 0.00	103.18 2.22 0.00	93.17 2.01 0.00	89.36 2.09 0.00	81.67 2.15 0.00
ALLEGHENY___COGEN 23514	73.42 0.80 0.00	68.98 0.48 0.00	66.46 0.13 0.00	66.27 0.40 0.00	65.61 0.72 0.00	70.04 0.90 0.00	90.54 0.72 0.00	105.29 4.43 0.00	103.06 3.39 0.00	110.99 -3.55 0.00	111.06 -4.51 0.00	110.70 -5.34 0.00	107.96 -5.44 0.00	103.24 -5.78 0.00	102.90 -4.85 0.00	98.02 -4.72 0.00	113.75 -3.28 0.00	143.34 -2.04 0.00	122.00 -2.87 0.00	110.50 -2.60 0.00	104.90 3.93 0.00	93.17 2.00 0.00	89.28 2.01 0.00	81.43 1.91 0.00
ALTAMONT_115KV_TB 2 55880	73.71 1.09 0.00	69.53 1.03 0.00	67.32 0.99 0.00	66.86 0.99 0.00	65.87 0.97 0.00	70.25 1.11 0.00	91.17 1.35 0.00	101.97 1.11 0.00	100.86 1.20 0.00	116.04 1.49 0.00	116.96 1.39 0.00	117.43 1.39 0.00	114.88 1.47 0.00	110.44 1.42 0.00	109.15 1.40 0.00	104.39 1.64 0.00	118.43 1.40 0.00	146.83 1.45 0.00	126.37 1.50 0.00	114.46 1.36 0.00	102.07 1.11 0.00	92.17 1.00 0.00	88.14 0.87 0.00	80.24 0.72 0.00
ALTONA_WT_PWR 323606	74.65 2.03 0.00	70.41 1.92 0.00	68.31 1.99 0.00	67.78 1.91 0.00	66.71 1.81 0.00	71.15 2.01 0.00	92.61 2.79 0.00	103.88 3.02 0.00	102.76 3.09 0.00	118.10 3.55 0.00	119.16 3.59 0.00	119.64 3.60 0.00	116.93 3.52 0.00	112.41 3.38 0.00	111.09 3.34 0.00	105.62 2.87 0.00	120.66 3.63 0.00	150.16 4.79 0.00	128.86 3.99 0.00	116.83 3.73 0.00	104.19 3.23 0.00	94.08 2.92 0.00	90.06 2.79 0.00	82.23 2.71 0.00
AMERICAN_REF_FUEL 24010	69.43 -3.19 0.00	65.56 -2.94 0.00	63.08 -3.25 0.00	62.84 -3.03 0.00	62.11 -2.79 0.00	64.72 -4.43 0.00	80.93 -8.89 0.00	93.79 -7.06 0.00	90.79 -8.87 0.00	104.01 -10.54 0.00	104.70 -10.87 0.00	104.55 -11.49 0.00	101.61 -11.80 0.00	97.36 -11.66 0.00	96.75 -10.99 0.00	92.06 -10.69 0.00	106.73 -10.30 0.00	131.56 -13.81 0.00	113.51 -11.36 0.00	103.26 -9.84 0.00	93.09 -7.88 0.00	83.32 -7.84 0.00	81.77 -5.50 0.00	75.79 -3.74 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	72.55 -0.07 0.00	68.43 -0.07 0.00	65.86 -0.46 0.00	65.74 -0.13 0.00	65.03 0.13 0.00	68.73 -0.41 0.00	87.49 -2.34 0.00	101.26 0.41 0.00	98.47 -1.19 0.00	112.26 -2.29 0.00	113.26 -2.31 0.00	113.14 -2.90 0.00	109.89 -3.52 0.00	105.10 -3.92 0.00	104.08 -3.66 0.00	99.05 -3.69 0.00	115.15 -1.88 0.00	142.90 -2.47 0.00	123.00 -1.87 0.00	111.63 -1.47 0.00	100.15 -0.81 0.00	89.43 -1.73 0.00	87.10 -0.17 0.00	80.24 0.71 0.00
ARTHUR KILL_GT_1 23520	74.36 1.74 0.00	70.14 1.64 0.00	68.18 1.86 0.00	67.91 2.04 0.00	66.65 1.75 0.00	70.60 1.45 0.00	91.79 1.98 0.01	102.56 1.71 0.01	102.15 2.49 0.01	117.52 2.98 0.01	118.80 3.24 0.01	119.63 3.60 0.01	116.46 3.06 0.01	112.07 3.05 0.01	110.54 2.80 0.01	105.62 2.88 0.01	120.30 3.28 0.01	149.15 3.78 0.01	128.48 3.62 0.01	116.15 3.05 0.01	103.28 2.32 0.01	93.16 2.01 0.01	88.40 1.13 0.01	80.71 1.19 0.00
ARTHUR_KILL_2 23512	74.07 1.45 0.00	69.94 1.44 0.00	68.25 1.92 0.00	67.78 1.91 0.00	66.58 1.68 0.00	69.98 0.83 0.00	91.52 1.70 0.01	101.96 1.11 0.01	102.15 2.49 0.01	117.18 2.64 0.01	118.45 2.89 0.01	119.40 3.37 0.01	116.01 2.61 0.01	111.63 2.61 0.01	110.22 2.48 0.01	105.11 2.37 0.01	119.72 2.69 0.01	148.85 3.48 0.01	127.85 2.99 0.01	115.70 2.60 0.01	102.67 1.71 0.01	92.80 1.64 0.01	88.13 0.87 0.01	80.48 0.96 0.00
ARTHUR_KILL_3 23513	73.93 1.31 0.00	69.80 1.30 0.00	67.65 1.33 0.00	67.19 1.32 0.00	66.00 1.10 0.00	70.39 1.25 0.00	91.80 1.97 0.00	102.27 1.41 0.00	102.65 2.99 0.00	117.98 3.43 0.00	119.27 3.70 0.00	120.34 4.30 0.00	117.14 3.74 0.00	112.51 3.49 0.00	111.09 3.34 0.00	106.44 3.69 0.00	120.54 3.51 0.00	150.02 4.65 0.00	128.61 3.74 0.00	116.38 3.28 0.00	103.18 2.22 0.00	93.35 2.18 0.00	88.66 1.39 0.00	80.63 1.11 0.00



ARTHUR_KILL_COGEN 323718	74.29 1.67 0.00	70.14 1.64 0.00	68.45 2.12 0.00	67.98 2.11 0.00	66.78 1.88 0.00	70.18 1.04 0.00	91.79 1.97 0.01	102.36 1.52 0.01	102.44 2.79 0.01	117.51 2.97 0.01	118.80 3.23 0.01	119.74 3.71 0.01	116.34 2.94 0.01	111.96 2.94 0.01	110.53 2.80 0.01	105.41 2.67 0.01	120.18 3.16 0.01	149.29 3.93 0.01	128.35 3.49 0.01	116.15 3.05 0.01	103.08 2.12 0.01	93.16 2.00 0.01	88.39 1.13 0.01	80.72 1.19 0.00
ASHOKAN____ 23654	75.67 3.05 0.00	71.38 2.88 0.00	69.11 2.79 0.00	68.63 2.77 0.00	67.69 2.79 0.00	72.12 2.97 0.00	93.96 4.13 0.00	105.19 4.33 0.00	104.65 4.98 0.00	120.84 6.30 0.00	121.23 5.66 0.00	121.84 5.80 0.00	118.06 4.65 0.00	113.39 4.37 0.00	112.17 4.42 0.00	107.38 4.63 0.00	122.53 5.50 0.00	153.36 7.99 0.00	131.48 6.61 0.00	118.75 5.65 0.00	105.01 4.04 0.00	95.27 4.11 0.00	90.50 3.23 0.00	82.23 2.71 0.00
ASTORIA_EAST_ENERGY_CC1 323581	74.07 1.45 0.00	69.94 1.44 0.00	67.85 1.53 0.00	67.25 1.39 0.00	66.00 1.10 0.00	69.83 0.69 0.01	91.25 1.43 0.01	101.75 0.91 0.01	102.04 2.39 0.01	117.18 2.64 0.01	118.22 2.66 0.01	119.28 3.24 0.01	116.01 2.61 0.01	111.41 2.40 0.01	110.00 2.27 0.01	105.52 2.78 0.01	119.48 2.46 0.01	148.71 3.35 0.01	127.73 2.87 0.01	115.58 2.49 0.01	102.47 1.52 0.01	92.53 1.37 0.01	87.88 0.62 0.01	80.40 0.88 0.00
ASTORIA_EAST_ENERGY_CC2 323582	74.07 1.45 0.00	69.94 1.44 0.00	67.85 1.53 0.00	67.25 1.39 0.00	66.00 1.10 0.00	69.83 0.69 0.01	91.25 1.43 0.01	101.75 0.91 0.01	102.04 2.39 0.01	117.18 2.64 0.01	118.22 2.66 0.01	119.28 3.24 0.01	116.01 2.61 0.01	111.41 2.40 0.01	110.00 2.27 0.01	105.52 2.78 0.01	119.48 2.46 0.01	148.71 3.35 0.01	127.73 2.87 0.01	115.58 2.49 0.01	102.47 1.52 0.01	92.53 1.37 0.01	87.88 0.62 0.01	80.40 0.88 0.00
ASTORIA_GT2_1 24094	74.22 1.60 0.00	69.94 1.44 0.00	67.78 1.46 0.00	67.25 1.38 0.00	66.00 1.10 0.00	70.11 0.97 0.00	91.34 1.53 0.01	102.26 1.41 0.01	101.85 2.19 0.01	117.17 2.63 0.01	118.45 2.89 0.01	119.40 3.37 0.01	116.12 2.72 0.01	111.63 2.62 0.01	110.11 2.37 0.01	105.41 2.67 0.01	119.71 2.69 0.01	148.56 3.20 0.01	127.98 3.12 0.01	115.81 2.71 0.01	102.67 1.72 0.01	92.61 1.46 0.01	87.87 0.61 0.01	80.48 0.95 0.00
ASTORIA_GT2_2 24095	74.22 1.60 0.00	69.94 1.44 0.00	67.78 1.46 0.00	67.25 1.38 0.00	66.00 1.10 0.00	70.11 0.97 0.00	91.34 1.53 0.01	102.26 1.41 0.01	101.85 2.19 0.01	117.17 2.63 0.01	118.45 2.89 0.01	119.40 3.37 0.01	116.12 2.72 0.01	111.63 2.62 0.01	110.11 2.37 0.01	105.41 2.67 0.01	119.71 2.69 0.01	148.56 3.20 0.01	127.98 3.12 0.01	115.81 2.71 0.01	102.67 1.72 0.01	92.61 1.46 0.01	87.87 0.61 0.01	80.48 0.95 0.00
ASTORIA_GT2_3 24096	74.22 1.60 0.00	69.94 1.44 0.00	67.78 1.46 0.00	67.25 1.38 0.00	66.00 1.10 0.00	70.11 0.97 0.00	91.34 1.53 0.01	102.26 1.41 0.01	101.85 2.19 0.01	117.17 2.63 0.01	118.45 2.89 0.01	119.40 3.37 0.01	116.12 2.72 0.01	111.63 2.62 0.01	110.11 2.37 0.01	105.41 2.67 0.01	119.71 2.69 0.01	148.56 3.20 0.01	127.98 3.12 0.01	115.81 2.71 0.01	102.67 1.72 0.01	92.61 1.46 0.01	87.87 0.61 0.01	80.48 0.95 0.00
ASTORIA_GT2_4 24097	74.22 1.60 0.00	69.94 1.44 0.00	67.78 1.46 0.00	67.25 1.38 0.00	66.00 1.10 0.00	70.11 0.97 0.00	91.34 1.53 0.01	102.26 1.41 0.01	101.85 2.19 0.01	117.17 2.63 0.01	118.45 2.89 0.01	119.40 3.37 0.01	116.12 2.72 0.01	111.63 2.62 0.01	110.11 2.37 0.01	105.41 2.67 0.01	119.71 2.69 0.01	148.56 3.20 0.01	127.98 3.12 0.01	115.81 2.71 0.01	102.67 1.72 0.01	92.61 1.46 0.01	87.87 0.61 0.01	80.48 0.95 0.00
ASTORIA_GT3_1 24098	74.22 1.60 0.00	69.94 1.44 0.00	67.78 1.46 0.00	67.25 1.38 0.00	66.00 1.10 0.00	70.11 0.97 0.00	91.34 1.53 0.01	102.26 1.41 0.01	101.85 2.19 0.01	117.17 2.63 0.01	118.45 2.89 0.01	119.40 3.37 0.01	116.12 2.72 0.01	111.63 2.62 0.01	110.11 2.37 0.01	105.41 2.67 0.01	119.71 2.69 0.01	148.56 3.20 0.01	127.98 3.12 0.01	115.81 2.71 0.01	102.67 1.72 0.01	92.61 1.46 0.01	87.87 0.61 0.01	80.48 0.95 0.00
ASTORIA_GT3_2 24099	74.22 1.60 0.00	69.94 1.44 0.00	67.78 1.46 0.00	67.25 1.38 0.00	66.00 1.10 0.00	70.11 0.97 0.00	91.34 1.53 0.01	102.26 1.41 0.01	101.85 2.19 0.01	117.17 2.63 0.01	118.45 2.89 0.01	119.40 3.37 0.01	116.12 2.72 0.01	111.63 2.62 0.01	110.11 2.37 0.01	105.41 2.67 0.01	119.71 2.69 0.01	148.56 3.20 0.01	127.98 3.12 0.01	115.81 2.71 0.01	102.67 1.72 0.01	92.61 1.46 0.01	87.87 0.61 0.01	80.48 0.95 0.00
ASTORIA_GT3_3 24100	74.22 1.60 0.00	69.94 1.44 0.00	67.78 1.46 0.00	67.25 1.38 0.00	66.00 1.10 0.00	70.11 0.97 0.00	91.34 1.53 0.01	102.26 1.41 0.01	101.85 2.19 0.01	117.17 2.63 0.01	118.45 2.89 0.01	119.40 3.37 0.01	116.12 2.72 0.01	111.63 2.62 0.01	110.11 2.37 0.01	105.41 2.67 0.01	119.71 2.69 0.01	148.56 3.20 0.01	127.98 3.12 0.01	115.81 2.71 0.01	102.67 1.72 0.01	92.61 1.46 0.01	87.87 0.61 0.01	80.48 0.95 0.00
ASTORIA_GT3_4 24101	74.22 1.60 0.00	69.94 1.44 0.00	67.78 1.46 0.00	67.25 1.38 0.00	66.00 1.10 0.00	70.11 0.97 0.00	91.34 1.53 0.01	102.26 1.41 0.01	101.85 2.19 0.01	117.17 2.63 0.01	118.45 2.89 0.01	119.40 3.37 0.01	116.12 2.72 0.01	111.63 2.62 0.01	110.11 2.37 0.01	105.41 2.67 0.01	119.71 2.69 0.01	148.56 3.20 0.01	127.98 3.12 0.01	115.81 2.71 0.01	102.67 1.72 0.01	92.61 1.46 0.01	87.87 0.61 0.01	80.48 0.95 0.00
ASTORIA_GT4_1 24102	74.22 1.60 0.00	69.94 1.44 0.00	67.78 1.46 0.00	67.25 1.38 0.00	66.00 1.10 0.00	70.11 0.97 0.00	91.34 1.53 0.01	102.26 1.41 0.01	101.85 2.19 0.01	117.17 2.63 0.01	118.45 2.89 0.01	119.40 3.37 0.01	116.12 2.72 0.01	111.63 2.62 0.01	110.11 2.37 0.01	105.41 2.67 0.01	119.71 2.69 0.01	148.56 3.20 0.01	127.98 3.12 0.01	115.81 2.71 0.01	102.67 1.72 0.01	92.61 1.46 0.01	87.87 0.61 0.01	80.48 0.95 0.00
ASTORIA_GT4_2 24103	74.22 1.60 0.00	69.94 1.44 0.00	67.78 1.46 0.00	67.25 1.38 0.00	66.00 1.10 0.00	70.11 0.97 0.00	91.34 1.53 0.01	102.26 1.41 0.01	101.85 2.19 0.01	117.17 2.63 0.01	118.45 2.89 0.01	119.40 3.37 0.01	116.12 2.72 0.01	111.63 2.62 0.01	110.11 2.37 0.01	105.41 2.67 0.01	119.71 2.69 0.01	148.56 3.20 0.01	127.98 3.12 0.01	115.81 2.71 0.01	102.67 1.72 0.01	92.61 1.46 0.01	87.87 0.61 0.01	80.48 0.95 0.00
ASTORIA_GT4_3 24104	74.22 1.60 0.00	69.94 1.44 0.00	67.78 1.46 0.00	67.25 1.38 0.00	66.00 1.10 0.00	70.11 0.97 0.00	91.34 1.53 0.01	102.26 1.41 0.01	101.85 2.19 0.01	117.17 2.63 0.01	118.45 2.89 0.01	119.40 3.37 0.01	116.12 2.72 0.01	111.63 2.62 0.01	110.11 2.37 0.01	105.41 2.67 0.01	119.71 2.69 0.01	148.56 3.20 0.01	127.98 3.12 0.01	115.81 2.71 0.01	102.67 1.72 0.01	92.61 1.46 0.01	87.87 0.61 0.01	80.48 0.95 0.00



ASTORIA_GT4_4 24105	74.22 1.60 0.00	69.94 1.44 0.00	67.78 1.46 0.00	67.25 1.38 0.00	66.00 1.10 0.00	70.11 0.97 0.00	91.34 1.53 0.01	102.26 1.41 0.01	101.85 2.19 0.01	117.17 2.63 0.01	118.45 2.89 0.01	119.40 3.37 0.01	116.12 2.72 0.01	111.63 2.62 0.01	110.11 2.37 0.01	105.41 2.67 0.01	119.71 2.69 0.01	148.56 3.20 0.01	127.98 3.12 0.01	115.81 2.71 0.01	102.67 1.72 0.01	92.61 1.46 0.01	87.87 0.61 0.01	80.48 0.95 0.00
ASTORIA_GT_1 23523	74.29 1.67 0.00	70.07 1.58 0.00	67.85 1.53 0.00	67.38 1.51 0.00	66.13 1.23 0.00	70.18 1.04 0.00	91.52 1.71 0.01	102.46 1.61 0.01	102.05 2.39 0.01	117.52 2.98 0.01	118.68 3.12 0.01	119.75 3.71 0.01	116.35 2.95 0.01	111.85 2.83 0.01	110.32 2.59 0.01	105.62 2.88 0.01	120.06 3.04 0.01	148.85 3.49 0.01	128.23 3.37 0.01	116.03 2.94 0.01	102.87 1.92 0.01	92.80 1.64 0.01	88.05 0.79 0.01	80.56 1.03 0.00
ASTORIA_GT_10 24110	74.22 1.60 0.00	70.07 1.58 0.00	67.98 1.66 0.00	67.52 1.65 0.00	66.26 1.36 0.00	70.60 1.45 0.00	91.52 1.71 0.01	102.36 1.51 0.01	102.15 2.49 0.01	117.52 2.98 0.01	118.92 3.35 0.01	119.86 3.83 0.01	116.57 3.18 0.01	112.18 3.16 0.01	110.65 2.91 0.01	105.93 3.19 0.01	120.30 3.28 0.01	149.15 3.78 0.01	128.36 3.50 0.01	116.03 2.94 0.01	103.08 2.12 0.01	93.07 1.91 0.01	88.40 1.13 0.01	80.79 1.27 0.00
ASTORIA_GT_11 24225	74.22 1.60 0.00	70.07 1.58 0.00	67.98 1.66 0.00	67.52 1.65 0.00	66.26 1.36 0.00	70.60 1.45 0.00	91.52 1.71 0.01	102.36 1.51 0.01	102.15 2.49 0.01	117.52 2.98 0.01	118.92 3.35 0.01	119.86 3.83 0.01	116.57 3.18 0.01	112.18 3.16 0.01	110.65 2.91 0.01	105.93 3.19 0.01	120.30 3.28 0.01	149.15 3.78 0.01	128.36 3.50 0.01	116.03 2.94 0.01	103.08 2.12 0.01	93.07 1.91 0.01	88.40 1.13 0.01	80.79 1.27 0.00
ASTORIA_GT_12 24226	74.22 1.60 0.00	70.07 1.58 0.00	67.98 1.66 0.00	67.52 1.65 0.00	66.26 1.36 0.00	70.60 1.45 0.00	91.52 1.71 0.01	102.36 1.51 0.01	102.15 2.49 0.01	117.52 2.98 0.01	118.92 3.35 0.01	119.86 3.83 0.01	116.57 3.18 0.01	112.18 3.16 0.01	110.65 2.91 0.01	105.93 3.19 0.01	120.30 3.28 0.01	149.15 3.78 0.01	128.36 3.50 0.01	116.03 2.94 0.01	103.08 2.12 0.01	93.07 1.91 0.01	88.40 1.13 0.01	80.79 1.27 0.00
ASTORIA_GT_13 24227	74.22 1.60 0.00	70.07 1.58 0.00	67.98 1.66 0.00	67.52 1.65 0.00	66.26 1.36 0.00	70.60 1.45 0.00	91.52 1.71 0.01	102.36 1.51 0.01	102.15 2.49 0.01	117.52 2.98 0.01	118.92 3.35 0.01	119.86 3.83 0.01	116.57 3.18 0.01	112.18 3.16 0.01	110.65 2.91 0.01	105.93 3.19 0.01	120.30 3.28 0.01	149.15 3.78 0.01	128.36 3.50 0.01	116.03 2.94 0.01	103.08 2.12 0.01	93.07 1.91 0.01	88.40 1.13 0.01	80.79 1.27 0.00
ASTORIA_GT_5 24106	74.29 1.67 0.00	70.07 1.58 0.00	67.85 1.53 0.00	67.38 1.51 0.00	66.13 1.23 0.00	70.18 1.04 0.00	91.52 1.71 0.01	102.46 1.61 0.01	102.05 2.39 0.01	117.52 2.98 0.01	118.68 3.12 0.01	119.75 3.71 0.01	116.35 2.95 0.01	111.85 2.83 0.01	110.32 2.59 0.01	105.62 2.88 0.01	120.06 3.04 0.01	148.85 3.49 0.01	128.23 3.37 0.01	116.03 2.94 0.01	102.87 1.92 0.01	92.80 1.64 0.01	88.05 0.79 0.01	80.56 1.03 0.00
ASTORIA_GT_7 24107	74.29 1.67 0.00	70.07 1.58 0.00	67.85 1.53 0.00	67.38 1.51 0.00	66.13 1.23 0.00	70.18 1.04 0.00	91.52 1.71 0.01	102.46 1.61 0.01	102.05 2.39 0.01	117.52 2.98 0.01	118.68 3.12 0.01	119.75 3.71 0.01	116.35 2.95 0.01	111.85 2.83 0.01	110.32 2.59 0.01	105.62 2.88 0.01	120.06 3.04 0.01	148.85 3.49 0.01	128.23 3.37 0.01	116.03 2.94 0.01	102.87 1.92 0.01	92.80 1.64 0.01	88.05 0.79 0.01	80.56 1.03 0.00
ASTORIA_GT_8 24108	74.29 1.67 0.00	70.07 1.58 0.00	67.85 1.53 0.00	67.38 1.51 0.00	66.13 1.23 0.00	70.18 1.04 0.00	91.52 1.71 0.01	102.46 1.61 0.01	102.05 2.39 0.01	117.52 2.98 0.01	118.68 3.12 0.01	119.75 3.71 0.01	116.35 2.95 0.01	111.85 2.83 0.01	110.32 2.59 0.01	105.62 2.88 0.01	120.06 3.04 0.01	148.85 3.49 0.01	128.23 3.37 0.01	116.03 2.94 0.01	102.87 1.92 0.01	92.80 1.64 0.01	88.05 0.79 0.01	80.56 1.03 0.00
ASTORIA___2 24149	74.15 1.53 0.00	69.94 1.44 0.00	67.85 1.53 0.00	67.32 1.45 0.00	66.07 1.17 0.00	69.83 0.69 0.01	91.34 1.53 0.01	101.75 0.91 0.01	102.04 2.39 0.01	117.28 2.74 0.01	118.33 2.77 0.01	119.40 3.37 0.01	116.11 2.72 0.01	111.52 2.51 0.01	110.11 2.37 0.01	105.52 2.78 0.01	119.59 2.57 0.01	148.71 3.35 0.01	127.73 2.87 0.01	115.70 2.60 0.01	102.47 1.52 0.01	92.61 1.45 0.01	87.88 0.62 0.01	80.48 0.96 0.00
ASTORIA___3 23516	74.15 1.53 0.00	70.08 1.58 0.00	68.05 1.72 0.00	67.58 1.71 0.00	66.32 1.43 0.00	70.32 1.17 0.00	91.52 1.70 0.01	102.06 1.21 0.01	102.35 2.69 0.01	117.63 3.09 0.01	118.92 3.35 0.01	119.98 3.95 0.01	116.69 3.29 0.01	112.06 3.05 0.01	110.65 2.91 0.01	106.13 3.39 0.01	120.18 3.16 0.01	149.43 4.06 0.01	128.23 3.37 0.01	116.03 2.94 0.01	102.87 1.91 0.01	93.07 1.92 0.01	88.39 1.13 0.01	80.79 1.27 0.00
ASTORIA___4 23517	74.22 1.60 0.00	70.07 1.58 0.00	67.98 1.66 0.00	67.52 1.65 0.00	66.26 1.36 0.00	70.60 1.45 0.00	91.52 1.71 0.01	102.26 1.41 0.01	102.15 2.49 0.01	117.52 2.98 0.01	118.92 3.35 0.01	119.86 3.83 0.01	116.57 3.18 0.01	112.18 3.16 0.01	110.65 2.91 0.01	105.93 3.19 0.01	120.30 3.28 0.01	149.15 3.78 0.01	128.36 3.50 0.01	116.03 2.94 0.01	103.08 2.12 0.01	93.07 1.91 0.01	88.40 1.13 0.01	80.79 1.27 0.00
ASTORIA___5 23518	74.15 1.53 0.00	70.08 1.58 0.00	68.05 1.72 0.00	67.58 1.71 0.00	66.32 1.43 0.00	70.32 1.17 0.00	91.52 1.70 0.01	102.06 1.21 0.01	102.35 2.69 0.01	117.63 3.09 0.01	118.92 3.35 0.01	119.98 3.95 0.01	116.69 3.29 0.01	112.06 3.05 0.01	110.65 2.91 0.01	106.13 3.39 0.01	120.18 3.16 0.01	149.43 4.06 0.01	128.23 3.37 0.01	116.03 2.94 0.01	102.87 1.91 0.01	93.07 1.92 0.01	88.39 1.13 0.01	80.79 1.27 0.00
AST_ENERGY_2_CC3 323677	73.27 0.65 0.00	69.18 0.68 0.00	67.06 0.73 0.00	66.53 0.66 0.00	65.29 0.39 0.00	69.00 -0.14 0.01	90.27 0.45 0.01	100.65 -0.20 0.01	100.86 1.20 0.01	115.92 1.38 0.01	116.96 1.39 0.01	118.00 1.97 0.01	114.76 1.37 0.01	110.22 1.20 0.01	108.82 1.08 0.01	104.38 1.64 0.01	118.19 1.17 0.01	147.12 1.75 0.01	126.36 1.50 0.01	114.34 1.25 0.01	101.36 0.41 0.01	91.52 0.37 0.01	86.83 -0.43 0.01	79.44 -0.08 0.00
AST_ENERGY_2_CC4 323678	73.27 0.65 0.00	69.18 0.68 0.00	67.06 0.73 0.00	66.53 0.66 0.00	65.29 0.39 0.00	69.00 -0.14 0.01	90.27 0.45 0.01	100.65 -0.20 0.01	100.86 1.20 0.01	115.92 1.38 0.01	116.96 1.39 0.01	118.00 1.97 0.01	114.76 1.37 0.01	110.22 1.20 0.01	108.82 1.08 0.01	104.38 1.64 0.01	118.19 1.17 0.01	147.12 1.75 0.01	126.36 1.50 0.01	114.34 1.25 0.01	101.36 0.41 0.01	91.52 0.37 0.01	86.83 -0.43 0.01	79.44 -0.08 0.00



ATHENS_STG_1 23668	73.93 1.31 0.00	69.80 1.30 0.00	67.58 1.26 0.00	67.12 1.25 0.00	66.07 1.17 0.00	70.46 1.31 0.00	91.62 1.80 0.00	102.37 1.52 0.00	101.46 1.80 0.00	116.61 2.06 0.00	117.42 1.84 0.00	118.01 1.97 0.00	115.21 1.81 0.00	110.76 1.74 0.00	109.46 1.72 0.00	104.70 1.95 0.00	118.55 1.52 0.00	147.12 1.75 0.00	126.49 1.62 0.00	114.57 1.47 0.00	102.18 1.22 0.00	92.53 1.37 0.00	88.49 1.22 0.00	80.48 0.96 0.00
ATHENS_STG_2 23670	73.93 1.31 0.00	69.80 1.30 0.00	67.58 1.26 0.00	67.12 1.25 0.00	66.07 1.17 0.00	70.46 1.31 0.00	91.62 1.80 0.00	102.37 1.52 0.00	101.46 1.80 0.00	116.61 2.06 0.00	117.42 1.84 0.00	118.01 1.97 0.00	115.21 1.81 0.00	110.76 1.74 0.00	109.46 1.72 0.00	104.70 1.95 0.00	118.55 1.52 0.00	147.12 1.75 0.00	126.49 1.62 0.00	114.57 1.47 0.00	102.18 1.22 0.00	92.53 1.37 0.00	88.49 1.22 0.00	80.48 0.96 0.00
ATHENS_STG_3 23677	73.93 1.31 0.00	69.80 1.30 0.00	67.58 1.26 0.00	67.12 1.25 0.00	66.07 1.17 0.00	70.46 1.31 0.00	91.62 1.80 0.00	102.37 1.52 0.00	101.46 1.80 0.00	116.61 2.06 0.00	117.42 1.84 0.00	118.01 1.97 0.00	115.21 1.81 0.00	110.76 1.74 0.00	109.46 1.72 0.00	104.70 1.95 0.00	118.55 1.52 0.00	147.12 1.75 0.00	126.49 1.62 0.00	114.57 1.47 0.00	102.18 1.22 0.00	92.53 1.37 0.00	88.49 1.22 0.00	80.48 0.96 0.00
AUBURN___LFGE 323710	71.75 -0.87 0.00	67.68 -0.82 0.00	65.53 -0.80 0.00	65.14 -0.72 0.00	64.25 -0.65 0.00	68.25 -0.90 0.00	88.74 -1.08 0.00	100.45 -0.40 0.00	99.27 -0.40 0.00	113.97 -0.57 0.00	115.11 -0.46 0.00	115.11 -0.93 0.00	112.39 -1.02 0.00	107.93 -1.09 0.00	106.78 -0.97 0.00	101.52 -1.23 0.00	116.44 -0.59 0.00	145.52 0.15 0.00	124.37 -0.50 0.00	112.65 -0.45 0.00	100.76 -0.20 0.00	90.43 -0.73 0.00	86.57 -0.70 0.00	78.97 -0.56 0.00
BABYLON_RES_REC 323704	76.83 4.21 0.00	72.26 3.76 0.00	69.64 3.31 0.00	69.10 3.23 0.00	67.88 2.99 0.00	72.46 3.32 0.00	94.49 4.67 0.00	102.77 1.91 0.00	104.84 5.18 0.00	118.66 4.12 0.00	121.12 5.55 0.00	122.77 6.73 0.00	119.87 6.46 0.00	115.56 6.54 0.00	114.43 6.68 0.00	109.75 6.99 0.00	124.29 7.02 0.00	151.04 5.66 0.00	131.23 6.36 0.00	122.85 6.67 -3.08	105.92 4.95 -0.01	96.64 5.47 -0.01	91.29 4.02 0.00	83.26 3.74 0.00
BALL_HILL_WT_PWR 323825	71.82 -0.80 0.00	67.81 -0.68 0.00	65.26 -1.06 0.00	65.08 -0.79 0.00	64.31 -0.59 0.00	67.83 -1.32 0.00	86.05 -3.77 0.00	99.54 -1.31 0.00	96.68 -2.99 0.00	110.19 -4.35 0.00	111.18 -4.39 0.00	111.05 -4.99 0.00	107.96 -5.44 0.00	103.35 -5.67 0.00	102.47 -5.28 0.00	97.51 -5.24 0.00	113.17 -3.86 0.00	140.28 -5.09 0.00	120.75 -4.12 0.00	109.71 -3.39 0.00	98.54 -2.42 0.00	88.06 -3.10 0.00	85.79 -1.48 0.00	79.20 -0.32 0.00
BARON_WINDS___WT_PWR 323822	70.66 -1.96 0.00	66.58 -1.92 0.00	64.34 -1.99 0.00	63.96 -1.91 0.00	63.15 -1.75 0.00	67.28 -1.86 0.00	86.59 -3.23 0.00	99.44 -1.41 0.00	97.27 -2.39 0.00	111.34 -3.21 0.00	112.46 -3.12 0.00	112.44 -3.60 0.00	109.43 -3.97 0.00	105.20 -3.82 0.00	103.97 -3.77 0.00	98.84 -3.90 0.00	113.88 -3.15 0.00	141.74 -3.63 0.00	121.62 -3.25 0.00	110.16 -2.94 0.00	98.54 -2.42 0.00	88.24 -2.92 0.00	85.00 -2.27 0.00	78.09 -1.43 0.00
BARRETT_IC_1 23704	76.03 3.41 0.00	71.58 3.09 0.00	69.05 2.72 0.00	68.51 2.64 0.00	67.36 2.47 0.00	71.84 2.69 0.00	93.77 3.95 0.00	102.57 1.71 0.00	104.15 4.49 0.00	118.44 3.90 0.00	120.79 5.21 -0.01	122.19 6.15 -0.01	119.19 5.78 -0.01	114.80 5.77 -0.01	113.57 5.81 -0.01	108.72 5.96 -0.02	125.61 5.97 -2.61	149.88 4.51 0.00	129.99 5.12 0.00	153.08 5.76 -34.21	105.12 4.14 -0.02	95.82 4.65 -0.01	90.41 3.14 0.00	82.47 2.94 0.00
BARRETT_IC_10 23701	76.03 3.41 0.00	71.58 3.09 0.00	69.05 2.72 0.00	68.51 2.64 0.00	67.36 2.47 0.00	71.84 2.69 0.00	93.77 3.95 0.00	102.57 1.71 0.00	104.15 4.49 0.00	118.44 3.90 0.00	120.79 5.21 -0.01	122.19 6.15 -0.01	119.19 5.78 -0.01	114.80 5.77 -0.01	113.57 5.81 -0.01	108.72 5.96 -0.02	125.61 5.97 -2.61	149.88 4.51 0.00	129.99 5.12 0.00	153.08 5.76 -34.21	105.12 4.14 -0.02	95.82 4.65 -0.01	90.41 3.14 0.00	82.47 2.94 0.00
BARRETT_IC_11 23702	76.03 3.41 0.00	71.58 3.09 0.00	69.05 2.72 0.00	68.51 2.64 0.00	67.36 2.47 0.00	71.84 2.69 0.00	93.77 3.95 0.00	102.57 1.71 0.00	104.15 4.49 0.00	118.44 3.90 0.00	120.79 5.21 -0.01	122.19 6.15 -0.01	119.19 5.78 -0.01	114.80 5.77 -0.01	113.57 5.81 -0.01	108.72 5.96 -0.02	125.61 5.97 -2.61	149.88 4.51 0.00	129.99 5.12 0.00	153.08 5.76 -34.21	105.12 4.14 -0.02	95.82 4.65 -0.01	90.41 3.14 0.00	82.47 2.94 0.00
BARRETT_IC_12 23703	76.03 3.41 0.00	71.58 3.09 0.00	69.05 2.72 0.00	68.51 2.64 0.00	67.36 2.47 0.00	71.84 2.69 0.00	93.77 3.95 0.00	102.57 1.71 0.00	104.15 4.49 0.00	118.44 3.90 0.00	120.79 5.21 -0.01	122.19 6.15 -0.01	119.19 5.78 -0.01	114.80 5.77 -0.01	113.57 5.81 -0.01	108.72 5.96 -0.02	125.61 5.97 -2.61	149.88 4.51 0.00	129.99 5.12 0.00	153.08 5.76 -34.21	105.12 4.14 -0.02	95.82 4.65 -0.01	90.41 3.14 0.00	82.47 2.94 0.00
BARRETT_IC_2 23705	76.03 3.41 0.00	71.58 3.09 0.00	69.05 2.72 0.00	68.51 2.64 0.00	67.36 2.47 0.00	71.84 2.69 0.00	93.77 3.95 0.00	102.57 1.71 0.00	104.15 4.49 0.00	118.44 3.90 0.00	120.79 5.21 -0.01	122.19 6.15 -0.01	119.19 5.78 -0.01	114.80 5.77 -0.01	113.57 5.81 -0.01	108.72 5.96 -0.02	125.61 5.97 -2.61	149.88 4.51 0.00	129.99 5.12 0.00	153.08 5.76 -34.21	105.12 4.14 -0.02	95.82 4.65 -0.01	90.41 3.14 0.00	82.47 2.94 0.00
BARRETT_IC_3 23706	76.03 3.41 0.00	71.58 3.09 0.00	69.05 2.72 0.00	68.51 2.64 0.00	67.36 2.47 0.00	71.84 2.69 0.00	93.77 3.95 0.00	102.57 1.71 0.00	104.15 4.49 0.00	118.44 3.90 0.00	120.79 5.21 -0.01	122.19 6.15 -0.01	119.19 5.78 -0.01	114.80 5.77 -0.01	113.57 5.81 -0.01	108.72 5.96 -0.02	125.61 5.97 -2.61	149.88 4.51 0.00	129.99 5.12 0.00	153.08 5.76 -34.21	105.12 4.14 -0.02	95.82 4.65 -0.01	90.41 3.14 0.00	82.47 2.94 0.00
BARRETT_IC_4 23707	76.03 3.41 0.00	71.58 3.09 0.00	69.05 2.72 0.00	68.51 2.64 0.00	67.36 2.47 0.00	71.84 2.69 0.00	93.77 3.95 0.00	102.57 1.71 0.00	104.15 4.49 0.00	118.44 3.90 0.00	120.79 5.21 -0.01	122.19 6.15 -0.01	119.19 5.78 -0.01	114.80 5.77 -0.01	113.57 5.81 -0.01	108.72 5.96 -0.02	125.61 5.97 -2.61	149.88 4.51 0.00	129.99 5.12 0.00	153.08 5.76 -34.21	105.12 4.14 -0.02	95.82 4.65 -0.01	90.41 3.14 0.00	82.47 2.94 0.00
BARRETT_IC_5 23708	76.03 3.41 0.00	71.58 3.09 0.00	69.05 2.72 0.00	68.51 2.64 0.00	67.36 2.47 0.00	71.84 2.69 0.00	93.77 3.95 0.00	102.57 1.71 0.00	104.15 4.49 0.00	118.44 3.90 0.00	120.79 5.21 -0.01	122.19 6.15 -0.01	119.19 5.78 -0.01	114.80 5.77 -0.01	113.57 5.81 -0.01	108.72 5.96 -0.02	125.61 5.97 -2.61	149.88 4.51 0.00	129.99 5.12 0.00	153.08 5.76 -34.21	105.12 4.14 -0.02	95.82 4.65 -0.01	90.41 3.14 0.00	82.47 2.94 0.00



BARRETT_IC_6 23709	76.03 3.41 0.00	71.58 3.09 0.00	69.05 2.72 0.00	68.51 2.64 0.00	67.36 2.47 0.00	71.84 2.69 0.00	93.77 3.95 0.00	102.57 1.71 0.00	104.15 4.49 0.00	118.44 3.90 0.00	120.79 5.21 -0.01	122.19 6.15 -0.01	119.19 5.78 -0.01	114.80 5.77 -0.01	113.57 5.81 -0.01	108.72 5.96 -0.02	125.61 5.97 -2.61	149.88 4.51 0.00	129.99 5.12 0.00	153.08 5.76 -34.21	105.12 4.14 -0.02	95.82 4.65 -0.01	90.41 3.14 0.00	82.47 2.94 0.00
BARRETT_IC_7 23710	76.11 3.49 0.00	71.58 3.08 0.00	68.98 2.65 0.00	68.50 2.63 0.00	67.30 2.40 0.00	72.26 3.11 0.00	93.86 4.04 0.00	103.48 2.62 0.00	103.05 3.39 0.00	118.10 3.55 0.00	120.66 5.09 0.00	122.07 6.03 0.00	118.85 5.44 0.00	114.69 5.67 0.00	113.13 5.39 0.00	108.61 5.86 0.00	125.85 6.20 -2.61	149.44 4.07 0.00	129.99 5.12 0.00	153.08 5.77 -34.21	105.91 4.95 0.00	95.81 4.65 0.00	90.67 3.40 0.00	82.46 2.94 0.00
BARRETT_IC_8 23711	76.03 3.41 0.00	71.58 3.09 0.00	69.05 2.72 0.00	68.51 2.64 0.00	67.36 2.47 0.00	71.84 2.69 0.00	93.77 3.95 0.00	102.57 1.71 0.00	104.15 4.49 0.00	118.44 3.90 0.00	120.79 5.21 -0.01	122.19 6.15 -0.01	119.19 5.78 -0.01	114.80 5.77 -0.01	113.57 5.81 -0.01	108.72 5.96 -0.02	125.61 5.97 -2.61	149.88 4.51 0.00	129.99 5.12 0.00	153.08 5.76 -34.21	105.12 4.14 -0.02	95.82 4.65 -0.01	90.41 3.14 0.00	82.47 2.94 0.00
BARRETT_IC_9 23700	76.03 3.41 0.00	71.58 3.09 0.00	69.05 2.72 0.00	68.51 2.64 0.00	67.36 2.47 0.00	71.84 2.69 0.00	93.77 3.95 0.00	102.57 1.71 0.00	104.15 4.49 0.00	118.44 3.90 0.00	120.79 5.21 -0.01	122.19 6.15 -0.01	119.19 5.78 -0.01	114.80 5.77 -0.01	113.57 5.81 -0.01	108.72 5.96 -0.02	125.61 5.97 -2.61	149.88 4.51 0.00	129.99 5.12 0.00	153.08 5.76 -34.21	105.12 4.14 -0.02	95.82 4.65 -0.01	90.41 3.14 0.00	82.47 2.94 0.00
BARRETT___1 23545	76.03 3.41 0.00	71.58 3.09 0.00	69.05 2.72 0.00	68.51 2.64 0.00	67.36 2.47 0.00	71.84 2.69 0.00	93.77 3.95 0.00	102.57 1.71 0.00	104.15 4.49 0.00	118.44 3.90 0.00	120.79 5.21 -0.01	122.19 6.15 -0.01	119.19 5.78 -0.01	114.80 5.77 -0.01	113.57 5.81 -0.01	108.72 5.96 -0.02	125.61 5.97 -2.61	149.88 4.51 0.00	129.99 5.12 0.00	153.08 5.76 -34.21	105.12 4.14 -0.02	95.82 4.65 -0.01	90.41 3.14 0.00	82.47 2.94 0.00
BARRETT___2 23546	76.03 3.41 0.00	71.58 3.09 0.00	69.05 2.72 0.00	68.51 2.64 0.00	67.36 2.47 0.00	71.84 2.69 0.00	93.77 3.95 0.00	102.57 1.71 0.00	104.15 4.49 0.00	118.44 3.90 0.00	120.79 5.21 -0.01	122.19 6.15 -0.01	119.19 5.78 -0.01	114.80 5.77 -0.01	113.57 5.81 -0.01	108.72 5.96 -0.02	125.61 5.97 -2.61	149.88 4.51 0.00	129.99 5.12 0.00	153.08 5.77 -34.21	105.12 4.14 -0.02	95.82 4.65 -0.01	90.41 3.14 0.00	82.47 2.94 0.00
BATAVIA___115KV_TB1 55881	71.68 -0.94 0.00	67.81 -0.68 0.00	65.53 -0.80 0.00	65.28 -0.59 0.00	64.64 -0.26 0.00	67.00 -2.14 0.00	84.97 -4.85 0.00	96.72 -4.14 0.00	95.68 -3.99 0.00	108.82 -5.73 0.00	109.45 -6.13 0.00	109.31 -6.73 0.00	106.94 -6.46 0.00	101.83 -7.20 0.00	102.04 -5.71 0.00	96.48 -6.27 0.00	111.65 -5.38 0.00	139.70 -5.67 0.00	118.62 -6.24 0.00	108.24 -4.86 0.00	97.53 -3.43 0.00	87.70 -3.46 0.00	85.52 -1.75 0.00	78.89 -0.64 0.00
BAYONEEC___CTG1 323682	74.36 1.74 0.00	70.21 1.71 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.39 1.49 0.00	70.74 1.59 0.00	92.25 2.43 0.00	102.77 1.91 0.00	103.15 3.49 0.00	118.55 4.01 0.00	119.85 4.28 0.00	120.91 4.87 0.00	117.60 4.20 0.00	112.94 3.92 0.00	111.52 3.77 0.00	106.86 4.11 0.00	121.12 4.09 0.00	150.60 5.23 0.00	129.24 4.37 0.00	116.95 3.85 0.00	103.58 2.62 0.00	93.71 2.55 0.00	89.11 1.84 0.00	81.03 1.51 0.00
BAYONEEC___CTG10 323750	74.36 1.74 0.00	70.21 1.71 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.39 1.49 0.00	70.74 1.59 0.00	92.25 2.43 0.00	102.77 1.91 0.00	103.15 3.49 0.00	118.55 4.01 0.00	119.85 4.28 0.00	120.91 4.87 0.00	117.60 4.20 0.00	112.94 3.92 0.00	111.52 3.77 0.00	106.86 4.11 0.00	121.12 4.09 0.00	150.60 5.23 0.00	129.24 4.37 0.00	116.95 3.85 0.00	103.58 2.62 0.00	93.71 2.55 0.00	89.11 1.84 0.00	81.03 1.51 0.00
BAYONEEC___CTG2 323683	74.36 1.74 0.00	70.21 1.71 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.39 1.49 0.00	70.74 1.59 0.00	92.25 2.43 0.00	102.77 1.91 0.00	103.15 3.49 0.00	118.55 4.01 0.00	119.85 4.28 0.00	120.91 4.87 0.00	117.60 4.20 0.00	112.94 3.92 0.00	111.52 3.77 0.00	106.86 4.11 0.00	121.12 4.09 0.00	150.60 5.23 0.00	129.24 4.37 0.00	116.95 3.85 0.00	103.58 2.62 0.00	93.71 2.55 0.00	89.11 1.84 0.00	81.03 1.51 0.00
BAYONEEC___CTG3 323684	74.36 1.74 0.00	70.21 1.71 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.39 1.49 0.00	70.74 1.59 0.00	92.25 2.43 0.00	102.77 1.91 0.00	103.15 3.49 0.00	118.55 4.01 0.00	119.85 4.28 0.00	120.91 4.87 0.00	117.60 4.20 0.00	112.94 3.92 0.00	111.52 3.77 0.00	106.86 4.11 0.00	121.12 4.09 0.00	150.60 5.23 0.00	129.24 4.37 0.00	116.95 3.85 0.00	103.58 2.62 0.00	93.71 2.55 0.00	89.11 1.84 0.00	81.03 1.51 0.00
BAYONEEC___CTG4 323685	74.36 1.74 0.00	70.21 1.71 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.39 1.49 0.00	70.74 1.59 0.00	92.25 2.43 0.00	102.77 1.91 0.00	103.15 3.49 0.00	118.55 4.01 0.00	119.85 4.28 0.00	120.91 4.87 0.00	117.60 4.20 0.00	112.94 3.92 0.00	111.52 3.77 0.00	106.86 4.11 0.00	121.12 4.09 0.00	150.60 5.23 0.00	129.24 4.37 0.00	116.95 3.85 0.00	103.58 2.62 0.00	93.71 2.55 0.00	89.11 1.84 0.00	81.03 1.51 0.00
BAYONEEC___CTG5 323686	74.36 1.74 0.00	70.21 1.71 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.39 1.49 0.00	70.74 1.59 0.00	92.25 2.43 0.00	102.77 1.91 0.00	103.15 3.49 0.00	118.55 4.01 0.00	119.85 4.28 0.00	120.91 4.87 0.00	117.60 4.20 0.00	112.94 3.92 0.00	111.52 3.77 0.00	106.86 4.11 0.00	121.12 4.09 0.00	150.60 5.23 0.00	129.24 4.37 0.00	116.95 3.85 0.00	103.58 2.62 0.00	93.71 2.55 0.00	89.11 1.84 0.00	81.03 1.51 0.00
BAYONEEC___CTG6 323687	74.36 1.74 0.00	70.21 1.71 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.39 1.49 0.00	70.74 1.59 0.00	92.25 2.43 0.00	102.77 1.91 0.00	103.15 3.49 0.00	118.55 4.01 0.00	119.85 4.28 0.00	120.91 4.87 0.00	117.60 4.20 0.00	112.94 3.92 0.00	111.52 3.77 0.00	106.86 4.11 0.00	121.12 4.09 0.00	150.60 5.23 0.00	129.24 4.37 0.00	116.95 3.85 0.00	103.58 2.62 0.00	93.71 2.55 0.00	89.11 1.84 0.00	81.03 1.51 0.00
BAYONEEC___CTG7 323688	74.36 1.74 0.00	70.21 1.71 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.39 1.49 0.00	70.74 1.59 0.00	92.25 2.43 0.00	102.77 1.91 0.00	103.15 3.49 0.00	118.55 4.01 0.00	119.85 4.28 0.00	120.91 4.87 0.00	117.60 4.20 0.00	112.94 3.92 0.00	111.52 3.77 0.00	106.86 4.11 0.00	121.12 4.09 0.00	150.60 5.23 0.00	129.24 4.37 0.00	116.95 3.85 0.00	103.58 2.62 0.00	93.71 2.55 0.00	89.11 1.84 0.00	81.03 1.51 0.00



BAYONEEC___CTG8 323689	74.36 1.74 0.00	70.21 1.71 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.39 1.49 0.00	70.74 1.59 0.00	92.25 2.43 0.00	102.77 1.91 0.00	103.15 3.49 0.00	118.55 4.01 0.00	119.85 4.28 0.00	120.91 4.87 0.00	117.60 4.20 0.00	112.94 3.92 0.00	111.52 3.77 0.00	106.86 4.11 0.00	121.12 4.09 0.00	150.60 5.23 0.00	129.24 4.37 0.00	116.95 3.85 0.00	103.58 2.62 0.00	93.71 2.55 0.00	89.11 1.84 0.00	81.03 1.51 0.00
BAYONEEC___CTG9 323749	74.36 1.74 0.00	70.21 1.71 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.39 1.49 0.00	70.74 1.59 0.00	92.25 2.43 0.00	102.77 1.91 0.00	103.15 3.49 0.00	118.55 4.01 0.00	119.85 4.28 0.00	120.91 4.87 0.00	117.60 4.20 0.00	112.94 3.92 0.00	111.52 3.77 0.00	106.86 4.11 0.00	121.12 4.09 0.00	150.60 5.23 0.00	129.24 4.37 0.00	116.95 3.85 0.00	103.58 2.62 0.00	93.71 2.55 0.00	89.11 1.84 0.00	81.03 1.51 0.00
BEACON___LESR 323632	74.50 1.88 0.00	70.28 1.78 0.00	68.12 1.79 0.00	67.65 1.78 0.00	66.71 1.81 0.00	71.15 2.01 0.00	92.33 2.51 0.00	103.27 2.42 0.00	102.56 2.89 0.00	117.87 3.32 0.00	118.93 3.35 0.00	119.41 3.37 0.00	115.90 2.49 0.00	111.42 2.40 0.00	110.11 2.37 0.00	105.42 2.67 0.00	119.83 2.80 0.00	148.86 3.48 0.00	127.74 2.87 0.00	115.70 2.60 0.00	103.49 2.53 0.00	93.35 2.18 0.00	89.11 1.84 0.00	80.95 1.43 0.00
BEAVER RIVER___HYD 24048	74.07 1.45 0.00	69.46 0.96 0.00	67.19 0.86 0.00	66.46 0.59 0.00	65.74 0.84 0.00	69.98 0.83 0.00	90.99 1.16 0.00	102.98 2.12 0.00	102.05 2.39 0.00	118.10 3.55 0.00	120.43 4.85 0.00	120.69 4.65 0.00	117.95 4.54 0.00	113.39 4.37 0.00	111.52 3.77 0.00	105.73 2.98 0.00	120.07 3.04 0.00	149.88 4.51 0.00	128.61 3.74 0.00	116.61 3.51 0.00	103.69 2.73 0.00	93.81 2.65 0.00	89.53 2.27 0.00	81.43 1.91 0.00
BEEBEE_GT_13 23619	71.53 -1.09 0.00	67.61 -0.89 0.00	65.33 -0.99 0.00	65.01 -0.86 0.00	64.38 -0.52 0.00	67.28 -1.87 0.00	86.14 -3.68 0.00	97.73 -3.13 0.00	96.77 -2.89 0.00	110.54 -4.01 0.00	111.18 -4.39 0.00	111.40 -4.64 0.00	108.87 -4.54 0.00	104.12 -4.91 0.00	103.87 -3.88 0.00	98.43 -4.32 0.00	113.17 -3.86 0.00	141.45 -3.93 0.00	120.37 -4.50 0.00	109.59 -3.51 0.00	98.44 -2.52 0.00	88.61 -2.55 0.00	85.79 -1.48 0.00	78.65 -0.87 0.00
BENSHRST_27_KV_BENSHRST_1 355998	74.65 2.03 0.00	70.42 1.92 0.00	68.32 1.99 0.00	67.91 2.04 0.00	66.65 1.75 0.00	70.81 1.66 0.00	92.15 2.34 0.01	103.07 2.22 0.01	102.75 3.09 0.01	118.32 3.78 0.01	119.61 4.05 0.01	120.56 4.53 0.01	117.37 3.97 0.01	112.83 3.82 0.01	111.29 3.56 0.01	106.34 3.60 0.01	121.12 4.10 0.01	150.16 4.80 0.01	129.35 4.50 0.01	116.94 3.85 0.01	103.88 2.93 0.01	93.71 2.55 0.01	88.83 1.57 0.01	81.19 1.67 0.00
BETHLEHEM___GRP 23843	73.42 0.80 0.00	69.25 0.75 0.00	67.12 0.80 0.00	66.66 0.79 0.00	65.68 0.78 0.00	70.04 0.90 0.00	90.72 0.90 0.00	101.36 0.50 0.00	100.86 1.20 0.00	116.04 1.49 0.00	116.96 1.39 0.00	117.55 1.51 0.00	114.31 0.91 0.00	110.00 0.98 0.00	108.61 0.86 0.00	103.98 1.23 0.00	117.97 0.94 0.00	146.10 0.73 0.00	125.87 1.00 0.00	113.89 0.79 0.00	101.57 0.61 0.00	91.62 0.46 0.00	87.62 0.35 0.00	79.68 0.16 0.00
BETHLEHEM___GS1 323560	73.42 0.80 0.00	69.25 0.75 0.00	67.12 0.80 0.00	66.72 0.85 0.00	65.74 0.84 0.00	69.98 0.83 0.00	90.72 0.90 0.00	101.26 0.41 0.00	100.56 0.89 0.00	115.58 1.03 0.00	116.61 1.04 0.00	117.08 1.04 0.00	113.86 0.46 0.00	109.46 0.44 0.00	108.18 0.43 0.00	103.47 0.72 0.00	117.38 0.35 0.00	145.66 0.29 0.00	125.24 0.38 0.00	113.33 0.23 0.00	101.47 0.51 0.00	91.62 0.46 0.00	87.62 0.35 0.00	79.68 0.16 0.00
BETHLEHEM___GS2 323561	73.42 0.80 0.00	69.25 0.75 0.00	67.12 0.80 0.00	66.72 0.85 0.00	65.74 0.84 0.00	69.98 0.83 0.00	90.72 0.90 0.00	101.26 0.41 0.00	100.56 0.89 0.00	115.58 1.03 0.00	116.61 1.04 0.00	117.08 1.04 0.00	113.86 0.46 0.00	109.46 0.44 0.00	108.18 0.43 0.00	103.47 0.72 0.00	117.38 0.35 0.00	145.66 0.29 0.00	125.24 0.38 0.00	113.33 0.23 0.00	101.47 0.51 0.00	91.62 0.46 0.00	87.62 0.35 0.00	79.68 0.16 0.00
BETHLEHEM___GS3 323562	73.42 0.80 0.00	69.25 0.75 0.00	67.12 0.80 0.00	66.72 0.85 0.00	65.74 0.84 0.00	69.98 0.83 0.00	90.72 0.90 0.00	101.26 0.41 0.00	100.56 0.89 0.00	115.58 1.03 0.00	116.61 1.04 0.00	117.08 1.04 0.00	113.86 0.46 0.00	109.46 0.44 0.00	108.18 0.43 0.00	103.47 0.72 0.00	117.38 0.35 0.00	145.66 0.29 0.00	125.24 0.38 0.00	113.33 0.23 0.00	101.47 0.51 0.00	91.62 0.46 0.00	87.62 0.35 0.00	79.68 0.16 0.00
BETHLEHEM___STEEL 23779	71.17 -1.45 0.00	67.33 -1.16 0.00	65.07 -1.26 0.00	64.75 -1.12 0.00	64.12 -0.78 0.00	66.38 -2.77 0.00	84.16 -5.66 0.00	95.71 -5.14 0.00	94.48 -5.18 0.00	107.33 -7.22 0.00	108.29 -7.28 0.00	108.27 -7.77 0.00	105.47 -7.94 0.00	100.85 -8.18 0.00	100.42 -7.33 0.00	95.04 -7.71 0.00	110.01 -7.02 0.00	137.23 -8.14 0.00	116.75 -8.12 0.00	106.43 -6.67 0.00	96.12 -4.85 0.00	86.51 -4.65 0.00	84.74 -2.53 0.00	78.25 -1.27 0.00
BETHLHEM_115KV_TB1 79974	73.49 0.87 0.00	69.32 0.82 0.00	67.19 0.86 0.00	66.72 0.86 0.00	65.74 0.84 0.00	70.11 0.97 0.00	90.81 0.99 0.00	101.56 0.71 0.00	100.96 1.30 0.00	116.04 1.49 0.00	117.07 1.50 0.00	117.55 1.51 0.00	114.43 1.02 0.00	110.11 1.09 0.00	108.82 1.08 0.00	104.08 1.34 0.00	118.20 1.17 0.00	146.39 1.02 0.00	125.99 1.12 0.00	114.12 1.02 0.00	101.67 0.71 0.00	91.80 0.64 0.00	87.79 0.52 0.00	79.84 0.32 0.00
BETHPAGE_CC_5 323564	75.96 3.34 0.00	71.58 3.09 0.00	69.05 2.72 0.00	68.51 2.64 0.00	67.30 2.40 0.00	71.84 2.69 0.00	93.59 3.77 0.00	102.07 1.21 0.00	103.85 4.19 0.00	117.87 3.32 0.00	120.31 4.74 0.00	121.84 5.80 0.00	118.96 5.56 0.00	114.58 5.56 0.00	113.35 5.60 0.00	108.71 5.96 -0.01	123.45 6.08 -0.34	150.16 4.79 0.00	130.23 5.37 0.00	123.25 5.76 -4.39	104.81 3.84 -0.01	95.64 4.47 -0.01	90.32 3.05 0.00	82.38 2.86 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	71.31 -1.31 0.00	67.54 -0.96 0.00	65.20 -1.13 0.00	64.95 -0.92 0.00	64.25 -0.65 0.00	66.59 -2.56 0.00	84.61 -5.21 0.00	96.12 -4.74 0.00	94.88 -4.78 0.00	107.79 -6.76 0.00	108.75 -6.82 0.00	108.73 -7.31 0.00	106.03 -7.37 0.00	101.39 -7.63 0.00	100.85 -6.90 0.00	95.56 -7.19 0.00	110.59 -6.44 0.00	137.96 -7.41 0.00	117.37 -7.49 0.00	106.99 -6.11 0.00	96.62 -4.34 0.00	86.88 -4.28 0.00	85.00 -2.27 0.00	78.49 -1.03 0.00
BINGHAMTON___COGEN 23790	71.24 -1.38 0.00	67.27 -1.23 0.00	65.07 -1.26 0.00	64.75 -1.12 0.00	63.86 -1.04 0.00	67.69 -1.45 0.00	87.67 -2.16 0.00	99.34 -1.51 0.00	98.07 -1.59 0.00	112.14 -2.41 0.00	113.26 -2.31 0.00	113.37 -2.67 0.00	110.57 -2.84 0.00	106.30 -2.73 0.00	105.16 -2.59 0.00	99.97 -2.77 0.00	114.92 -2.11 0.00	143.48 -1.89 0.00	122.62 -2.25 0.00	111.18 -1.92 0.00	99.65 -1.31 0.00	89.43 -1.73 0.00	85.96 -1.31 0.00	78.65 -0.87 0.00



BIXINCNT_115KV_LOAD 355685	72.04 -0.58 0.00	68.09 -0.41 0.00	65.79 -0.53 0.00	65.47 -0.40 0.00	64.77 -0.13 0.00	67.62 -1.52 0.00	86.41 -3.41 0.00	98.44 -2.42 0.00	97.17 -2.49 0.00	110.31 -4.24 0.00	111.41 -4.16 0.00	111.40 -4.64 0.00	108.53 -4.88 0.00	103.79 -5.23 0.00	103.01 -4.74 0.00	97.71 -5.03 0.00	113.05 -3.98 0.00	141.16 -4.22 0.00	120.12 -4.74 0.00	109.25 -3.85 0.00	98.44 -2.52 0.00	88.43 -2.73 0.00	86.40 -0.87 0.00	79.60 0.08 0.00
BLACK RIVER___HYD 24047	73.78 1.16 0.00	69.39 0.89 0.00	67.12 0.80 0.00	66.46 0.59 0.00	65.74 0.84 0.00	70.11 0.97 0.00	91.26 1.43 0.00	104.08 3.23 0.00	103.06 3.39 0.00	118.79 4.24 0.00	120.89 5.32 0.00	120.91 4.87 0.00	118.17 4.76 0.00	113.60 4.58 0.00	111.73 3.99 0.00	105.83 3.08 0.00	120.77 3.74 0.00	150.90 5.52 0.00	129.49 4.62 0.00	117.51 4.41 0.00	104.40 3.43 0.00	93.90 2.73 0.00	89.45 2.18 0.00	81.27 1.75 0.00
BLACKRVR_115KV_TB2 79977	73.78 1.16 0.00	69.39 0.89 0.00	67.12 0.80 0.00	66.46 0.59 0.00	65.81 0.91 0.00	70.11 0.97 0.00	91.26 1.44 0.00	103.98 3.13 0.00	103.05 3.39 0.00	118.67 4.12 0.00	120.77 5.20 0.00	120.91 4.87 0.00	118.06 4.65 0.00	113.49 4.47 0.00	111.62 3.88 0.00	105.73 2.98 0.00	120.66 3.63 0.00	150.90 5.52 0.00	129.24 4.37 0.00	117.40 4.30 0.00	104.40 3.43 0.00	93.90 2.73 0.00	89.54 2.27 0.00	81.27 1.75 0.00
BLDWN_LI_69_KV_BK4 356085	76.47 3.85 0.00	71.92 3.42 0.00	69.31 2.98 0.00	68.83 2.96 0.00	67.56 2.66 0.00	72.67 3.53 0.00	94.40 4.58 0.00	103.68 2.82 0.00	103.35 3.69 0.00	118.33 3.78 0.00	120.77 5.20 0.00	122.19 6.15 0.00	118.96 5.56 0.00	114.91 5.89 0.00	113.24 5.50 0.00	108.81 6.06 0.00	124.64 6.67 -0.94	150.46 5.09 0.00	130.74 5.87 0.00	131.60 6.33 -12.17	106.21 5.25 0.00	96.45 5.29 0.00	91.28 4.01 0.00	83.02 3.50 0.00
BLISS_WT_PWR 323608	72.33 -0.29 0.00	68.16 -0.34 0.00	65.66 -0.66 0.00	65.41 -0.46 0.00	64.57 -0.32 0.00	68.11 -1.04 0.00	86.41 -3.41 0.00	100.25 -0.60 0.00	97.47 -2.19 0.00	111.22 -3.33 0.00	112.22 -3.36 0.00	112.21 -3.83 0.00	108.98 -4.42 0.00	104.45 -4.57 0.00	103.43 -4.31 0.00	98.44 -4.31 0.00	113.99 -3.04 0.00	141.30 -4.07 0.00	121.62 -3.25 0.00	110.28 -2.82 0.00	99.04 -1.92 0.00	88.52 -2.65 0.00	86.40 -0.87 0.00	79.68 0.16 0.00
BLUESTONE___WT_PWR 323821	75.16 2.54 0.00	70.90 2.40 0.00	68.45 2.12 0.00	67.84 1.97 0.00	67.04 2.14 0.00	71.56 2.42 0.00	93.15 3.33 0.00	106.40 5.54 0.00	105.34 5.68 0.00	121.07 6.53 0.00	122.74 7.17 0.00	123.00 6.96 0.00	120.21 6.80 0.00	115.45 6.43 0.00	113.78 6.03 0.00	108.40 5.65 0.00	124.63 7.60 0.00	155.55 10.17 0.00	133.36 8.50 0.00	120.90 7.80 0.00	107.73 6.77 0.00	95.27 4.11 0.00	90.93 3.66 0.00	82.71 3.18 0.00
BLUE_CIRC_CHEM_DRP 24182	74.44 1.82 0.00	70.21 1.71 0.00	67.98 1.66 0.00	67.52 1.65 0.00	66.52 1.62 0.00	70.94 1.80 0.00	91.98 2.16 0.00	102.77 1.92 0.00	101.56 1.89 0.00	116.72 2.18 0.00	117.65 2.08 0.00	118.13 2.09 0.00	115.67 2.27 0.00	111.31 2.29 0.00	109.90 2.15 0.00	105.11 2.36 0.00	119.49 2.46 0.00	148.14 2.76 0.00	127.49 2.62 0.00	115.36 2.26 0.00	102.88 1.92 0.00	92.90 1.73 0.00	88.84 1.57 0.00	80.87 1.35 0.00
BOC_GAS_DRP 24189	73.64 1.02 0.00	69.46 0.96 0.00	67.25 0.93 0.00	66.79 0.92 0.00	65.74 0.84 0.00	70.18 1.04 0.00	91.08 1.26 0.00	101.76 0.91 0.00	100.76 1.10 0.00	115.92 1.37 0.00	116.84 1.27 0.00	117.32 1.28 0.00	114.65 1.25 0.00	110.33 1.31 0.00	108.93 1.19 0.00	104.19 1.44 0.00	118.32 1.29 0.00	146.54 1.16 0.00	126.24 1.37 0.00	114.23 1.13 0.00	101.87 0.91 0.00	92.08 0.91 0.00	88.05 0.79 0.00	80.08 0.56 0.00
BOONVILLE_115KV_TB1 79983	75.31 2.69 0.00	70.83 2.33 0.00	68.45 2.12 0.00	67.78 1.91 0.00	66.97 2.08 0.00	71.50 2.35 0.00	93.06 3.23 0.00	105.09 4.24 0.00	104.35 4.68 0.00	120.39 5.84 0.00	122.28 6.70 0.00	122.54 6.50 0.00	119.87 6.46 0.00	115.13 6.11 0.00	113.24 5.50 0.00	107.78 5.03 0.00	122.88 5.85 0.00	153.22 7.85 0.00	131.24 6.37 0.00	119.21 6.11 0.00	106.11 5.15 0.00	95.54 4.38 0.00	91.11 3.84 0.00	82.78 3.26 0.00
BORALEX_4TH_BRANCH 23824	75.45 2.83 0.00	71.17 2.67 0.00	68.85 2.52 0.00	68.44 2.57 0.00	67.36 2.47 0.00	71.98 2.83 0.00	93.51 3.68 0.00	104.59 3.73 0.00	104.75 5.08 0.00	120.16 5.61 0.00	121.24 5.66 0.00	121.73 5.69 0.00	117.60 4.20 0.00	113.17 4.14 0.00	111.84 4.09 0.00	107.06 4.32 0.00	121.59 4.56 0.00	150.32 4.94 0.00	129.74 4.87 0.00	117.51 4.41 0.00	104.70 3.74 0.00	94.54 3.37 0.00	90.32 3.05 0.00	82.23 2.70 0.00
BOWLINE___1 23526	73.56 0.94 0.00	69.46 0.96 0.00	67.25 0.93 0.00	66.79 0.92 0.00	65.68 0.78 0.00	70.11 0.97 0.00	91.44 1.62 0.00	102.07 1.21 0.00	102.05 2.39 0.00	117.18 2.64 0.00	118.46 2.89 0.00	119.41 3.37 0.00	116.12 2.72 0.00	111.63 2.61 0.00	110.23 2.48 0.00	105.52 2.78 0.00	119.60 2.57 0.00	148.57 3.19 0.00	127.49 2.63 0.00	115.48 2.38 0.00	102.57 1.61 0.00	92.81 1.64 0.00	88.23 0.96 0.00	80.24 0.71 0.00
BOWLINE___2 23595	73.71 1.09 0.00	69.59 1.09 0.00	67.38 1.06 0.00	66.92 1.05 0.00	65.80 0.91 0.00	70.25 1.10 0.00	91.52 1.70 0.00	102.27 1.41 0.00	102.25 2.59 0.00	117.41 2.86 0.00	118.57 3.00 0.00	119.52 3.48 0.00	116.24 2.84 0.00	111.75 2.73 0.00	110.33 2.58 0.00	105.62 2.87 0.00	119.72 2.69 0.00	148.72 3.35 0.00	127.74 2.87 0.00	115.70 2.60 0.00	102.68 1.71 0.00	92.99 1.82 0.00	88.40 1.13 0.00	80.32 0.80 0.00
BRADY___115KV_TB2 356060	75.02 2.40 0.00	70.83 2.33 0.00	68.65 2.32 0.00	68.11 2.24 0.00	67.17 2.27 0.00	71.50 2.35 0.00	93.15 3.32 0.00	104.49 3.63 0.00	102.95 3.29 0.00	118.33 3.78 0.00	119.50 3.93 0.00	120.10 4.06 0.00	117.15 3.74 0.00	112.62 3.60 0.00	111.09 3.34 0.00	105.63 2.88 0.00	120.54 3.51 0.00	150.32 4.94 0.00	128.99 4.12 0.00	116.83 3.73 0.00	104.19 3.23 0.00	94.08 2.92 0.00	90.15 2.88 0.00	82.46 2.94 0.00
BRANSCOMB___SOLAR 323811	75.38 2.76 0.00	71.17 2.67 0.00	68.91 2.58 0.00	68.43 2.57 0.00	67.56 2.66 0.00	71.98 2.84 0.00	93.77 3.95 0.00	105.09 4.24 0.00	104.55 4.88 0.00	120.04 5.50 0.00	121.12 5.55 0.00	121.38 5.34 0.00	118.06 4.65 0.00	113.49 4.47 0.00	112.17 4.42 0.00	107.38 4.63 0.00	122.17 5.14 0.00	151.92 6.55 0.00	130.23 5.37 0.00	117.96 4.86 0.00	105.20 4.24 0.00	94.63 3.46 0.00	90.50 3.23 0.00	82.14 2.62 0.00
BRDGHMPT_69_KV_BK1 55812	79.16 6.54 0.00	74.18 5.69 0.00	71.17 4.84 0.00	70.41 4.54 0.00	69.05 4.15 0.00	74.26 5.12 0.00	94.67 4.85 0.00	101.76 0.91 0.00	102.06 2.39 0.00	118.78 4.24 0.00	122.28 6.70 0.00	124.28 8.24 0.00	121.12 7.71 0.00	117.09 8.07 0.00	115.18 7.43 0.00	110.45 7.71 0.00	125.56 8.43 -0.11	148.57 3.20 0.00	131.48 6.62 0.00	122.00 7.58 -1.32	107.53 6.56 0.00	94.08 2.92 0.00	89.89 2.62 0.00	81.75 2.23 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	77.85 5.23 0.00	73.16 4.66 0.00	70.44 4.11 0.00	69.89 4.02 0.00	68.66 3.76 0.00	73.85 4.70 0.00	95.75 5.93 0.00	104.79 3.93 0.00	104.15 4.48 0.00	118.90 4.35 0.00	121.93 6.36 0.00	123.58 7.54 0.00	120.32 6.92 0.00	116.44 7.41 0.00	114.86 7.11 0.00	110.56 7.81 0.00	125.96 8.78 -0.15	150.46 5.09 0.00	131.36 6.49 0.00	121.62 6.67 -1.85	107.93 6.97 0.00	97.45 6.29 0.00	92.51 5.24 0.00	84.13 4.61 0.00
BRISTLHL_115KV_TB1 79998	70.44 -2.18 0.00	66.38 -2.12 0.00	64.27 -2.06 0.00	63.89 -1.98 0.00	63.01 -1.88 0.00	66.93 -2.21 0.00	86.77 -3.05 0.00	100.05 -0.81 0.00	98.87 -0.80 0.00	113.63 -0.92 0.00	114.99 -0.58 0.00	115.00 -1.04 0.00	112.27 -1.13 0.00	108.04 -0.98 0.00	106.78 -0.97 0.00	99.46 -3.29 0.00	113.64 -3.39 0.00	141.59 -3.78 0.00	121.37 -3.50 0.00	109.93 -3.17 0.00	98.24 -2.73 0.00	88.43 -2.73 0.00	84.83 -2.44 0.00	77.37 -2.15 0.00
BROOKHAVEN___DRP 24191	77.34 4.72 0.00	72.61 4.11 0.00	69.84 3.52 0.00	69.29 3.43 0.00	68.01 3.12 0.00	73.23 4.08 0.00	93.77 3.95 0.00	101.16 0.30 0.00	101.36 1.69 0.00	117.18 2.63 0.00	120.31 4.74 0.00	122.07 6.03 0.00	118.85 5.44 0.00	115.02 6.00 0.00	113.46 5.71 0.00	109.12 6.37 0.00	124.28 7.14 -0.11	147.55 2.18 0.00	130.24 5.37 0.00	120.97 6.56 -1.31	106.62 5.65 0.00	94.35 3.19 0.00	90.15 2.88 0.00	81.67 2.15 0.00
BROOKLYN_NAVY_YARD 23515	74.22 1.60 0.00	70.08 1.58 0.00	67.91 1.59 0.00	67.38 1.52 0.00	66.19 1.30 0.00	70.60 1.45 0.00	92.15 2.33 0.00	102.77 1.91 0.00	103.15 3.49 0.00	118.55 4.01 0.00	119.73 4.15 0.00	120.80 4.76 0.00	117.48 4.08 0.00	112.84 3.81 0.00	111.41 3.67 0.00	106.75 4.00 0.00	121.01 3.98 0.00	150.46 5.09 0.00	129.11 4.25 0.00	116.83 3.73 0.00	103.49 2.53 0.00	93.71 2.55 0.00	89.11 1.84 0.00	80.95 1.43 0.00
BROOKLYN___ARMY_DRP 323595	74.36 1.74 0.00	70.14 1.64 0.00	68.05 1.72 0.00	67.65 1.78 0.00	66.39 1.49 0.00	70.60 1.45 0.00	91.79 1.98 0.01	102.66 1.82 0.01	102.35 2.69 0.01	117.75 3.21 0.01	119.15 3.58 0.01	119.98 3.95 0.01	116.80 3.40 0.01	112.29 3.27 0.01	110.75 3.02 0.01	105.93 3.19 0.01	120.53 3.51 0.01	149.44 4.07 0.01	128.73 3.87 0.01	116.37 3.28 0.01	103.28 2.32 0.01	93.25 2.10 0.01	88.48 1.22 0.01	80.79 1.27 0.00
BROOME_2_LFGE 323671	71.31 -1.31 0.00	67.27 -1.23 0.00	65.00 -1.33 0.00	64.68 -1.18 0.00	63.79 -1.10 0.00	67.90 -1.24 0.00	87.67 -2.16 0.00	100.16 -0.70 0.00	98.17 -1.49 0.00	112.37 -2.18 0.00	113.50 -2.08 0.00	113.60 -2.44 0.00	110.68 -2.72 0.00	106.40 -2.62 0.00	105.27 -2.47 0.00	100.18 -2.56 0.00	115.15 -1.88 0.00	143.48 -1.89 0.00	123.24 -1.63 0.00	111.63 -1.47 0.00	99.86 -1.11 0.00	89.43 -1.73 0.00	85.96 -1.31 0.00	78.65 -0.87 0.00
BROOME___LFGE 323600	71.31 -1.31 0.00	67.27 -1.23 0.00	65.00 -1.33 0.00	64.68 -1.18 0.00	63.79 -1.10 0.00	67.90 -1.24 0.00	87.67 -2.16 0.00	100.16 -0.70 0.00	98.17 -1.49 0.00	112.37 -2.18 0.00	113.50 -2.08 0.00	113.60 -2.44 0.00	110.68 -2.72 0.00	106.40 -2.62 0.00	105.27 -2.47 0.00	100.18 -2.56 0.00	115.15 -1.88 0.00	143.48 -1.89 0.00	123.24 -1.63 0.00	111.63 -1.47 0.00	99.86 -1.11 0.00	89.43 -1.73 0.00	85.96 -1.31 0.00	78.65 -0.87 0.00
BROWNFLS_115KV_TB_3_5 80003	73.85 1.23 0.00	69.60 1.10 0.00	67.39 1.06 0.00	66.72 0.86 0.00	65.87 0.97 0.00	69.77 0.62 0.00	90.72 0.90 0.00	102.17 1.31 0.00	101.06 1.40 0.00	116.84 2.29 0.00	119.16 3.58 0.00	119.64 3.60 0.00	116.81 3.40 0.00	112.29 3.27 0.00	110.33 2.59 0.00	104.60 1.85 0.00	118.32 1.29 0.00	147.55 2.18 0.00	126.62 1.75 0.00	114.80 1.70 0.00	102.18 1.21 0.00	92.80 1.64 0.00	88.84 1.57 0.00	81.11 1.59 0.00
BROWNSV1_27_KV_LOAD 356125	75.02 2.40 0.00	70.83 2.33 0.00	68.65 2.32 0.00	68.04 2.17 0.00	66.84 1.95 0.00	71.50 2.35 0.00	92.97 3.14 0.00	104.08 3.23 0.00	103.95 4.29 0.00	119.70 5.15 0.00	121.00 5.43 0.00	121.96 5.92 0.00	118.74 5.33 0.00	114.15 5.12 0.00	112.59 4.85 0.00	107.78 5.03 0.00	122.53 5.50 0.00	152.06 6.69 0.00	130.74 5.87 0.00	118.19 5.09 0.00	104.90 3.94 0.00	94.72 3.56 0.00	89.89 2.62 0.00	81.83 2.31 0.00
BURROWS___LYONSDAL 23803	75.02 2.40 0.00	70.42 1.92 0.00	68.05 1.72 0.00	67.38 1.51 0.00	66.58 1.69 0.00	71.01 1.87 0.00	92.52 2.69 0.00	104.49 3.63 0.00	103.75 4.09 0.00	119.93 5.38 0.00	121.93 6.36 0.00	122.19 6.15 0.00	119.42 6.01 0.00	114.69 5.67 0.00	112.81 5.06 0.00	107.37 4.62 0.00	122.30 5.27 0.00	152.50 7.12 0.00	130.74 5.87 0.00	118.64 5.54 0.00	105.61 4.64 0.00	95.17 4.01 0.00	90.76 3.49 0.00	82.46 2.94 0.00
CAITHNESS_CC_1 323624	77.05 4.43 0.00	72.33 3.83 0.00	69.64 3.31 0.00	69.10 3.23 0.00	67.82 2.92 0.00	72.40 3.25 0.00	93.42 3.60 0.00	100.05 -0.81 0.00	103.66 3.99 0.00	117.52 2.97 0.00	119.96 4.39 0.00	121.72 5.68 0.00	119.07 5.67 0.00	114.80 5.77 0.00	113.88 6.14 0.00	109.23 6.48 -0.01	123.57 6.43 -0.11	147.69 2.32 0.00	129.73 4.86 0.00	120.50 6.10 -1.29	104.30 3.33 -0.01	94.45 3.28 -0.01	89.53 2.27 0.00	81.83 2.31 0.00
CALPINE BETH_PAGE_GT4 24209	75.89 3.27 0.00	71.38 2.88 0.00	68.78 2.45 0.00	68.31 2.44 0.00	67.10 2.21 0.00	72.12 2.97 0.00	93.59 3.77 0.00	102.97 2.12 0.00	102.56 2.89 0.00	117.52 2.98 0.00	120.08 4.51 0.00	121.61 5.57 0.00	118.40 4.99 0.00	114.36 5.34 0.00	112.81 5.06 0.00	108.30 5.55 0.00	123.66 6.20 -0.43	149.73 4.36 0.00	130.11 5.24 0.00	124.24 5.66 -5.48	105.71 4.75 0.00	95.54 4.38 0.00	90.50 3.23 0.00	82.23 2.70 0.00
CALPINE_BETH_PAGE_GT_4 323586	75.81 3.19 0.00	71.38 2.88 0.00	68.85 2.52 0.00	68.31 2.44 0.00	67.17 2.27 0.00	71.63 2.49 0.00	93.42 3.60 0.00	101.97 1.11 0.00	103.75 4.09 0.00	117.87 3.32 0.00	120.20 4.63 0.00	121.73 5.68 0.00	118.85 5.44 0.00	114.47 5.45 0.00	113.24 5.49 0.00	108.51 5.75 -0.01	123.42 5.97 -0.43	150.16 4.79 0.00	130.11 5.24 0.00	124.24 5.65 -5.48	104.71 3.74 -0.01	95.55 4.38 -0.01	90.24 2.97 0.00	82.23 2.71 0.00
CALPINE_BP_GT1 23823	75.81 3.19 0.00	71.38 2.88 0.00	68.85 2.52 0.00	68.31 2.44 0.00	67.17 2.27 0.00	71.63 2.49 0.00	93.42 3.60 0.00	101.97 1.11 0.00	103.75 4.09 0.00	117.87 3.32 0.00	120.20 4.63 0.00	121.73 5.68 0.00	118.85 5.44 0.00	114.47 5.45 0.00	113.24 5.49 0.00	108.51 5.75 -0.01	123.42 5.97 -0.43	150.16 4.79 0.00	130.11 5.24 0.00	124.24 5.65 -5.48	104.71 3.74 -0.01	95.55 4.38 -0.01	90.24 2.97 0.00	82.23 2.71 0.00
CALSPAN___DRP 24200	71.17 -1.45 0.00	67.33 -1.16 0.00	65.07 -1.26 0.00	64.75 -1.12 0.00	64.12 -0.78 0.00	66.38 -2.77 0.00	84.16 -5.66 0.00	95.71 -5.14 0.00	94.48 -5.18 0.00	107.33 -7.22 0.00	108.29 -7.28 0.00	108.27 -7.77 0.00	105.47 -7.94 0.00	100.85 -8.18 0.00	100.42 -7.33 0.00	95.04 -7.71 0.00	110.01 -7.02 0.00	137.23 -8.14 0.00	116.75 -8.12 0.00	106.43 -6.67 0.00	96.12 -4.85 0.00	86.51 -4.65 0.00	84.74 -2.53 0.00	78.25 -1.27 0.00



CALVERTON___SOLAR 323806	77.70 5.08 0.00	72.95 4.45 0.00	70.17 3.85 0.00	69.56 3.69 0.00	68.33 3.44 0.00	72.88 3.73 0.00	93.59 3.77 0.00	99.75 -1.11 0.00	104.05 4.38 0.00	118.32 3.77 0.00	120.89 5.32 0.00	122.77 6.73 0.00	120.09 6.69 0.00	115.78 6.76 0.00	114.75 7.00 0.00	110.05 7.30 -0.01	124.63 7.50 -0.11	148.28 2.91 0.00	130.74 5.87 0.00	121.43 7.01 -1.31	104.81 3.84 -0.01	94.18 3.00 -0.01	89.19 1.92 0.00	81.59 2.06 0.00
CANDIGU_WT_PWR 323617	70.66 -1.96 0.00	66.58 -1.92 0.00	64.34 -1.99 0.00	63.96 -1.91 0.00	63.15 -1.75 0.00	67.28 -1.86 0.00	86.59 -3.23 0.00	99.44 -1.41 0.00	97.27 -2.39 0.00	111.34 -3.21 0.00	112.46 -3.12 0.00	112.44 -3.60 0.00	109.43 -3.97 0.00	105.20 -3.82 0.00	103.97 -3.77 0.00	98.84 -3.90 0.00	113.88 -3.15 0.00	141.74 -3.63 0.00	121.62 -3.25 0.00	110.16 -2.94 0.00	98.54 -2.42 0.00	88.24 -2.92 0.00	85.00 -2.27 0.00	78.09 -1.43 0.00
CARR STREET_E_SYR 24060	70.81 -1.81 0.00	66.79 -1.71 0.00	64.60 -1.72 0.00	64.22 -1.64 0.00	63.28 -1.62 0.00	67.42 -1.73 0.00	87.40 -2.42 0.00	99.04 -1.81 0.00	97.57 -2.10 0.00	112.03 -2.52 0.00	113.14 -2.43 0.00	113.38 -2.66 0.00	110.57 -2.83 0.00	106.40 -2.62 0.00	105.16 -2.59 0.00	100.18 -2.56 0.00	114.57 -2.46 0.00	142.61 -2.77 0.00	122.37 -2.50 0.00	110.84 -2.26 0.00	99.04 -1.92 0.00	88.97 -2.19 0.00	85.27 -2.00 0.00	77.85 -1.67 0.00
CARTHAGE___PAPER 23857	74.00 1.38 0.00	69.53 1.03 0.00	67.19 0.86 0.00	66.53 0.66 0.00	65.80 0.91 0.00	70.11 0.97 0.00	91.26 1.43 0.00	103.58 2.72 0.00	102.56 2.89 0.00	118.55 4.01 0.00	120.65 5.08 0.00	120.80 4.76 0.00	118.06 4.65 0.00	113.49 4.47 0.00	111.62 3.87 0.00	105.94 3.19 0.00	120.54 3.51 0.00	150.60 5.23 0.00	129.24 4.37 0.00	117.29 4.19 0.00	104.19 3.23 0.00	93.99 2.83 0.00	89.63 2.36 0.00	81.43 1.91 0.00
CASSADAGA_WT_PWR 323784	73.13 0.51 0.00	68.98 0.48 0.00	66.33 0.00 0.00	66.13 0.26 0.00	65.41 0.52 0.00	69.28 0.14 0.00	88.38 -1.44 0.00	102.27 1.41 0.00	99.47 -0.20 0.00	113.40 -1.15 0.00	114.42 -1.16 0.00	114.30 -1.74 0.00	111.14 -2.27 0.00	106.19 -2.84 0.00	105.06 -2.69 0.00	99.87 -2.88 0.00	116.22 -0.81 0.00	144.36 -1.01 0.00	124.25 -0.62 0.00	112.76 -0.34 0.00	101.17 0.20 0.00	90.16 -1.00 0.00	87.80 0.53 0.00	80.87 1.35 0.00
CE_DUNWOOD___DRP 24194	74.36 1.74 0.00	70.14 1.64 0.00	67.85 1.53 0.00	67.38 1.51 0.00	66.26 1.36 0.00	70.87 1.73 0.00	92.25 2.43 0.00	103.08 2.22 0.00	102.85 3.19 0.00	118.33 3.78 0.00	119.62 4.05 0.00	120.45 4.41 0.00	117.26 3.86 0.00	112.73 3.71 0.00	111.19 3.45 0.00	106.45 3.70 0.00	120.89 3.86 0.00	149.88 4.51 0.00	128.99 4.12 0.00	116.72 3.62 0.00	103.69 2.73 0.00	93.72 2.55 0.00	89.01 1.75 0.00	80.95 1.43 0.00
CE_MILLWOOD___DRP 24193	74.22 1.60 0.00	70.07 1.58 0.00	67.78 1.46 0.00	67.32 1.45 0.00	66.19 1.30 0.00	70.81 1.66 0.00	92.07 2.25 0.00	102.97 2.12 0.00	102.65 2.99 0.00	118.10 3.55 0.00	119.39 3.81 0.00	120.33 4.29 0.00	117.03 3.63 0.00	112.62 3.60 0.00	111.09 3.34 0.00	106.24 3.49 0.00	120.77 3.74 0.00	149.59 4.22 0.00	128.74 3.87 0.00	116.49 3.39 0.00	103.59 2.63 0.00	93.63 2.46 0.00	88.93 1.66 0.00	80.87 1.35 0.00
CE_NYC2_DRP 24202	74.29 1.67 0.00	70.14 1.64 0.00	67.98 1.66 0.00	67.58 1.71 0.00	66.32 1.43 0.00	70.67 1.52 0.00	91.70 1.89 0.01	102.56 1.71 0.01	102.35 2.69 0.01	117.86 3.32 0.01	119.15 3.58 0.01	120.09 4.06 0.01	116.91 3.52 0.01	112.39 3.38 0.01	110.86 3.12 0.01	106.13 3.39 0.01	120.65 3.63 0.01	149.58 4.22 0.01	128.73 3.87 0.01	116.37 3.28 0.01	103.28 2.32 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.87 1.35 0.00
CE_NYC_DRP 24195	74.51 1.89 0.00	70.28 1.78 0.00	68.05 1.72 0.00	67.58 1.71 0.00	66.39 1.49 0.00	71.01 1.87 0.00	92.34 2.52 0.00	103.28 2.42 0.00	103.15 3.49 0.00	118.78 4.24 0.00	120.08 4.51 0.00	121.03 4.99 0.00	117.83 4.42 0.00	113.27 4.25 0.00	111.73 3.99 0.00	106.96 4.21 0.00	121.59 4.56 0.00	150.75 5.38 0.00	129.61 4.74 0.00	117.17 4.07 0.00	103.99 3.03 0.00	93.99 2.83 0.00	89.19 1.92 0.00	81.19 1.67 0.00
CHAFFEE___LFGE 323603	71.67 -0.95 0.00	67.61 -0.89 0.00	65.13 -1.19 0.00	64.81 -1.06 0.00	64.05 -0.85 0.00	67.14 -2.01 0.00	84.71 -5.12 0.00	98.03 -2.82 0.00	95.18 -4.48 0.00	108.71 -5.84 0.00	109.56 -6.01 0.00	109.54 -6.50 0.00	106.48 -6.92 0.00	101.94 -7.08 0.00	101.17 -6.58 0.00	96.28 -6.47 0.00	111.65 -5.38 0.00	138.11 -7.26 0.00	119.00 -5.87 0.00	108.13 -4.97 0.00	97.23 -3.73 0.00	86.97 -4.19 0.00	85.00 -2.27 0.00	78.49 -1.04 0.00
CHATEAUG_35_KV_LOAD 355732	74.36 1.74 0.00	70.14 1.64 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.45 1.56 0.00	70.94 1.80 0.00	92.25 2.43 0.00	103.78 2.92 0.00	102.46 2.79 0.00	117.64 3.09 0.00	118.69 3.12 0.00	119.17 3.13 0.00	116.24 2.84 0.00	111.75 2.73 0.00	110.55 2.80 0.00	105.32 2.57 0.00	120.19 3.16 0.00	149.73 4.36 0.00	128.49 3.62 0.00	116.38 3.28 0.00	103.89 2.93 0.00	93.81 2.64 0.00	89.80 2.53 0.00	81.99 2.47 0.00
CHATEAUG_WT_PWR 323614	74.15 1.53 0.00	69.94 1.44 0.00	67.85 1.53 0.00	67.32 1.45 0.00	66.26 1.36 0.00	70.67 1.52 0.00	91.89 2.07 0.00	103.07 2.22 0.00	101.96 2.29 0.00	117.29 2.74 0.00	118.34 2.77 0.00	118.82 2.78 0.00	116.12 2.72 0.00	111.63 2.61 0.00	110.33 2.58 0.00	104.91 2.16 0.00	119.72 2.69 0.00	149.01 3.64 0.00	127.86 2.99 0.00	115.81 2.71 0.00	103.38 2.42 0.00	93.35 2.18 0.00	89.45 2.18 0.00	81.67 2.15 0.00
CHAT_HIGH_FALL_HYD 323578	74.36 1.74 0.00	70.14 1.64 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.45 1.56 0.00	70.94 1.80 0.00	92.25 2.43 0.00	103.78 2.92 0.00	102.46 2.79 0.00	117.64 3.09 0.00	118.69 3.12 0.00	119.17 3.13 0.00	116.24 2.84 0.00	111.75 2.73 0.00	110.55 2.80 0.00	105.32 2.57 0.00	120.19 3.16 0.00	149.73 4.36 0.00	128.49 3.62 0.00	116.38 3.28 0.00	103.89 2.93 0.00	93.81 2.64 0.00	89.80 2.53 0.00	81.99 2.47 0.00
CHAUTAUQUA___LFGE 323629	72.40 -0.22 0.00	68.36 -0.14 0.00	65.79 -0.53 0.00	65.54 -0.33 0.00	64.83 -0.06 0.00	68.52 -0.62 0.00	87.04 -2.79 0.00	100.76 -0.10 0.00	97.87 -1.79 0.00	111.57 -2.98 0.00	112.46 -3.12 0.00	112.44 -3.60 0.00	109.21 -4.19 0.00	104.55 -4.47 0.00	103.54 -4.20 0.00	98.53 -4.22 0.00	114.57 -2.46 0.00	142.04 -3.34 0.00	122.24 -2.63 0.00	111.07 -2.03 0.00	99.65 -1.32 0.00	88.97 -2.19 0.00	86.66 -0.61 0.00	79.92 0.40 0.00
CHERRYST_13_KV_LD 356241	74.65 2.03 0.00	70.49 1.99 0.00	68.18 1.86 0.00	67.71 1.84 0.00	66.52 1.62 0.00	71.15 2.01 0.00	92.61 2.78 0.00	103.68 2.82 0.00	103.55 3.89 0.00	119.24 4.70 0.00	120.54 4.97 0.00	121.49 5.45 0.00	118.28 4.88 0.00	113.71 4.69 0.00	112.16 4.42 0.00	107.37 4.62 0.00	122.06 5.03 0.00	151.33 5.96 0.00	130.11 5.24 0.00	117.62 4.52 0.00	104.40 3.43 0.00	94.26 3.10 0.00	89.45 2.18 0.00	81.35 1.83 0.00



CHESTROR_138KV_BK263 355645	73.85 1.23 0.00	69.66 1.16 0.00	67.39 1.06 0.00	66.92 1.05 0.00	65.87 0.97 0.00	70.46 1.31 0.00	91.71 1.89 0.00	102.57 1.71 0.00	102.06 2.39 0.00	117.41 2.86 0.00	118.58 3.00 0.00	119.29 3.25 0.00	116.24 2.84 0.00	111.75 2.73 0.00	110.33 2.59 0.00	105.52 2.77 0.00	119.96 2.93 0.00	148.72 3.34 0.00	127.99 3.12 0.00	115.70 2.60 0.00	102.88 1.92 0.00	93.08 1.91 0.00	88.49 1.22 0.00	80.48 0.95 0.00
CH_MIDHUDSON___DRP 24192	74.73 2.11 0.00	70.49 1.99 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.65 1.75 0.00	71.29 2.14 0.00	92.70 2.87 0.00	103.78 2.92 0.00	103.25 3.59 0.00	118.90 4.35 0.00	120.08 4.51 0.00	120.80 4.76 0.00	117.60 4.20 0.00	113.06 4.03 0.00	111.62 3.88 0.00	106.76 4.01 0.00	121.24 4.21 0.00	150.46 5.09 0.00	129.49 4.62 0.00	117.17 4.07 0.00	104.09 3.13 0.00	94.08 2.92 0.00	89.54 2.27 0.00	81.35 1.83 0.00
CH_MISC_IPPS 23765	74.94 2.32 0.00	70.76 2.26 0.00	68.51 2.19 0.00	68.04 2.17 0.00	66.97 2.08 0.00	71.42 2.28 0.00	93.15 3.33 0.00	104.08 3.23 0.00	103.95 4.28 0.00	119.58 5.03 0.00	120.78 5.21 0.00	121.61 5.57 0.00	118.28 4.87 0.00	113.71 4.68 0.00	112.27 4.52 0.00	107.38 4.63 0.00	121.83 4.80 0.00	151.62 6.25 0.00	130.11 5.24 0.00	117.85 4.75 0.00	104.50 3.53 0.00	94.63 3.46 0.00	89.98 2.71 0.00	81.75 2.22 0.00
CH_RES_BVR_FALLS 23983	72.69 0.07 0.00	68.57 0.07 0.00	66.39 0.07 0.00	65.93 0.07 0.00	64.96 0.06 0.00	69.21 0.07 0.00	89.91 0.09 0.00	100.96 0.10 0.00	99.76 0.10 0.00	114.66 0.11 0.00	115.69 0.12 0.00	116.16 0.12 0.00	113.52 0.11 0.00	109.13 0.11 0.00	107.85 0.11 0.00	102.85 0.10 0.00	117.15 0.12 0.00	145.52 0.15 0.00	124.99 0.13 0.00	113.21 0.11 0.00	101.06 0.10 0.00	91.25 0.09 0.00	87.36 0.09 0.00	79.60 0.08 0.00
CH_RES_NIAGARA 23895	69.79 -2.83 0.00	66.24 -2.26 0.00	64.00 -2.32 0.00	63.69 -2.17 0.00	63.08 -1.82 0.00	63.89 -5.26 0.00	80.57 -9.25 0.00	91.38 -9.48 0.00	90.30 -9.37 0.00	102.52 -12.03 0.00	103.32 -12.25 0.00	103.39 -12.65 0.00	100.82 -12.59 0.00	96.38 -12.65 0.00	96.11 -11.64 0.00	91.04 -11.71 0.00	105.09 -11.94 0.00	130.69 -14.68 0.00	111.26 -13.61 0.00	101.56 -11.54 0.00	92.08 -8.88 0.00	82.96 -8.20 0.00	81.51 -5.76 0.00	75.47 -4.06 0.00
CH_RES_SYRACUSE 23985	71.24 -1.38 0.00	67.20 -1.30 0.00	65.00 -1.33 0.00	64.62 -1.25 0.00	63.66 -1.24 0.00	67.83 -1.32 0.00	87.93 -1.89 0.00	100.05 -0.81 0.00	98.57 -1.09 0.00	113.29 -1.26 0.00	114.30 -1.27 0.00	114.53 -1.51 0.00	111.82 -1.59 0.00	107.50 -1.53 0.00	106.24 -1.51 0.00	100.90 -1.85 0.00	115.39 -1.64 0.00	143.78 -1.60 0.00	123.37 -1.49 0.00	111.75 -1.35 0.00	99.86 -1.11 0.00	89.61 -1.55 0.00	85.87 -1.40 0.00	78.33 -1.19 0.00
CLINTON_WT_PWR 323605	74.15 1.53 0.00	69.94 1.44 0.00	67.85 1.53 0.00	67.32 1.45 0.00	66.26 1.36 0.00	70.67 1.52 0.00	91.89 2.07 0.00	103.07 2.22 0.00	101.96 2.29 0.00	117.29 2.74 0.00	118.34 2.77 0.00	118.82 2.78 0.00	116.12 2.72 0.00	111.63 2.61 0.00	110.33 2.58 0.00	104.91 2.16 0.00	119.72 2.69 0.00	149.01 3.64 0.00	127.86 2.99 0.00	115.81 2.71 0.00	103.38 2.42 0.00	93.35 2.18 0.00	89.45 2.18 0.00	81.67 2.15 0.00
CLINTON___LFGE 323618	75.38 2.76 0.00	71.10 2.60 0.00	68.98 2.66 0.00	68.43 2.57 0.00	67.43 2.53 0.00	71.98 2.84 0.00	93.59 3.77 0.00	104.89 4.04 0.00	103.95 4.28 0.00	119.24 4.70 0.00	120.31 4.74 0.00	120.80 4.76 0.00	117.95 4.54 0.00	113.39 4.37 0.00	112.06 4.31 0.00	106.65 3.90 0.00	121.83 4.80 0.00	151.92 6.55 0.00	130.35 5.49 0.00	118.07 4.97 0.00	105.30 4.34 0.00	94.99 3.83 0.00	91.02 3.75 0.00	83.02 3.50 0.00
COBBLENY_34_KV_TB1 80064	71.31 -1.31 0.00	67.54 -0.96 0.00	65.20 -1.13 0.00	64.95 -0.92 0.00	64.31 -0.58 0.00	66.66 -2.49 0.00	84.70 -5.12 0.00	96.22 -4.64 0.00	94.98 -4.68 0.00	107.90 -6.64 0.00	108.87 -6.70 0.00	108.85 -7.19 0.00	106.15 -7.26 0.00	101.39 -7.63 0.00	100.96 -6.79 0.00	95.66 -7.09 0.00	110.71 -6.32 0.00	138.10 -7.27 0.00	117.50 -7.37 0.00	107.11 -5.99 0.00	96.72 -4.24 0.00	86.97 -4.19 0.00	85.09 -2.18 0.00	78.49 -1.03 0.00
COFFEEN___115KV_TB3 355620	74.15 1.53 0.00	69.80 1.30 0.00	67.45 1.13 0.00	66.79 0.92 0.00	66.13 1.23 0.00	70.53 1.38 0.00	91.80 1.98 0.00	104.69 3.83 0.00	103.75 4.09 0.00	119.36 4.81 0.00	121.47 5.89 0.00	121.49 5.45 0.00	118.74 5.33 0.00	114.15 5.12 0.00	112.16 4.42 0.00	106.34 3.60 0.00	121.59 4.56 0.00	152.06 6.69 0.00	130.24 5.37 0.00	118.30 5.20 0.00	105.20 4.24 0.00	94.54 3.37 0.00	90.06 2.79 0.00	81.67 2.15 0.00
COLDSPRG_115KV_BK1 355956	73.20 0.58 0.00	69.18 0.68 0.00	66.72 0.40 0.00	66.53 0.66 0.00	65.87 0.97 0.00	69.21 0.07 0.00	88.92 -0.90 0.00	101.26 0.40 0.00	99.76 0.10 0.00	113.17 -1.37 0.00	114.30 -1.27 0.00	114.30 -1.74 0.00	111.36 -2.04 0.00	106.51 -2.51 0.00	105.59 -2.15 0.00	100.08 -2.67 0.00	116.09 -0.94 0.00	145.23 -0.15 0.00	123.62 -1.25 0.00	112.42 -0.68 0.00	101.17 0.20 0.00	90.62 -0.55 0.00	88.23 0.96 0.00	81.11 1.59 0.00
COLONIE_LFGE___ 323577	74.80 2.18 0.00	70.55 2.05 0.00	68.31 1.99 0.00	67.91 2.04 0.00	66.91 2.01 0.00	71.36 2.21 0.00	92.78 2.96 0.00	103.78 2.93 0.00	103.35 3.69 0.00	118.66 4.12 0.00	119.73 4.15 0.00	120.21 4.17 0.00	116.70 3.29 0.00	112.29 3.27 0.00	110.87 3.13 0.00	106.13 3.39 0.00	120.54 3.51 0.00	149.73 4.36 0.00	128.61 3.74 0.00	116.49 3.39 0.00	103.89 2.93 0.00	93.71 2.55 0.00	89.63 2.36 0.00	81.51 1.99 0.00
COOPERNY_115KV_TB1 80082	73.49 0.87 0.00	69.39 0.89 0.00	67.12 0.80 0.00	66.66 0.79 0.00	65.61 0.71 0.00	70.11 0.97 0.00	91.17 1.35 0.00	102.17 1.31 0.00	101.46 1.79 0.00	116.61 2.06 0.00	117.77 2.20 0.00	118.48 2.44 0.00	115.56 2.15 0.00	111.09 2.07 0.00	109.58 1.83 0.00	104.80 2.05 0.00	119.14 2.11 0.00	147.70 2.33 0.00	127.11 2.25 0.00	115.02 1.92 0.00	102.48 1.51 0.00	92.62 1.46 0.00	88.23 0.96 0.00	80.24 0.72 0.00
COPENHAGEN_WT_PWR 323753	73.42 0.80 0.00	69.11 0.62 0.00	66.79 0.47 0.00	66.20 0.33 0.00	65.48 0.58 0.00	69.84 0.69 0.00	90.72 0.90 0.00	103.58 2.72 0.00	102.56 2.89 0.00	118.21 3.66 0.00	120.20 4.63 0.00	120.34 4.30 0.00	117.48 4.08 0.00	112.94 3.92 0.00	111.19 3.45 0.00	105.11 2.37 0.00	120.07 3.04 0.00	149.88 4.51 0.00	128.74 3.88 0.00	116.83 3.73 0.00	103.79 2.82 0.00	93.35 2.18 0.00	89.01 1.74 0.00	80.87 1.35 0.00
CORNELL_____ 23752	72.77 0.15 0.00	68.64 0.14 0.00	66.46 0.13 0.00	66.07 0.20 0.00	65.22 0.32 0.00	69.21 0.07 0.00	90.00 0.18 0.00	102.07 1.21 0.00	100.76 1.10 0.00	115.46 0.92 0.00	116.50 0.92 0.00	116.50 0.46 0.00	113.63 0.23 0.00	109.35 0.33 0.00	108.07 0.32 0.00	102.95 0.21 0.00	118.32 1.29 0.00	148.28 2.91 0.00	126.62 1.75 0.00	114.57 1.47 0.00	102.68 1.72 0.00	91.89 0.73 0.00	88.05 0.79 0.00	80.40 0.87 0.00



CORONA__69_KV_TB1 355595	76.47 3.85 0.00	71.92 3.42 0.00	69.38 3.05 0.00	68.83 2.96 0.00	67.62 2.73 0.00	72.60 3.46 0.00	94.31 4.49 0.00	104.18 3.33 0.00	103.85 4.19 0.00	119.01 4.47 0.00	121.70 6.13 0.00	123.12 7.08 0.00	119.87 6.46 0.00	115.67 6.65 0.00	114.10 6.36 0.00	109.43 6.68 0.00	125.97 7.26 -1.68	151.62 6.25 0.00	131.61 6.74 0.00	142.08 7.01 -21.96	106.82 5.86 0.00	96.45 5.29 0.00	91.20 3.93 0.00	82.86 3.34 0.00
CORTLAND__115KV_TB3 80093	72.04 -0.58 0.00	67.95 -0.55 0.00	65.79 -0.53 0.00	65.41 -0.46 0.00	64.51 -0.39 0.00	68.52 -0.62 0.00	88.74 -1.08 0.00	100.45 -0.40 0.00	99.17 -0.50 0.00	113.63 -0.92 0.00	114.76 -0.81 0.00	114.76 -1.28 0.00	112.04 -1.36 0.00	107.82 -1.20 0.00	106.56 -1.19 0.00	101.41 -1.34 0.00	116.44 -0.59 0.00	145.66 0.29 0.00	124.49 -0.37 0.00	112.76 -0.34 0.00	101.17 0.20 0.00	90.71 -0.46 0.00	87.01 -0.26 0.00	79.44 -0.08 0.00
COXSACKIE__GT 23611	77.05 4.43 0.00	72.68 4.18 0.00	70.37 4.05 0.00	69.95 4.09 0.00	69.05 4.16 0.00	73.57 4.43 0.00	95.58 5.75 0.00	107.32 6.46 0.00	107.14 7.48 0.00	123.25 8.70 0.00	123.54 7.97 0.00	123.70 7.66 0.00	118.74 5.33 0.00	114.15 5.13 0.00	113.13 5.39 0.00	108.40 5.65 0.00	124.17 7.14 0.00	155.26 9.89 0.00	132.98 8.11 0.00	120.00 6.90 0.00	107.12 6.16 0.00	96.73 5.56 0.00	92.07 4.80 0.00	83.65 4.13 0.00
CPV_VALLEY__CC1 323721	73.27 0.65 0.00	69.18 0.68 0.00	66.99 0.66 0.00	66.53 0.66 0.00	65.48 0.58 0.00	69.84 0.69 0.00	90.99 1.16 0.00	101.66 0.80 0.00	101.46 1.80 0.00	116.49 1.95 0.00	117.65 2.08 0.00	118.48 2.44 0.00	115.33 1.93 0.00	110.87 1.85 0.00	109.58 1.83 0.00	104.80 2.05 0.00	118.79 1.76 0.00	147.69 2.32 0.00	126.74 1.88 0.00	114.80 1.70 0.00	102.08 1.11 0.00	92.35 1.18 0.00	87.96 0.69 0.00	79.92 0.40 0.00
CPV_VALLEY__CC2 323722	73.27 0.65 0.00	69.18 0.68 0.00	66.99 0.66 0.00	66.53 0.66 0.00	65.48 0.58 0.00	69.84 0.69 0.00	90.99 1.16 0.00	101.66 0.80 0.00	101.46 1.80 0.00	116.49 1.95 0.00	117.65 2.08 0.00	118.48 2.44 0.00	115.33 1.93 0.00	110.87 1.85 0.00	109.58 1.83 0.00	104.80 2.05 0.00	118.79 1.76 0.00	147.69 2.32 0.00	126.74 1.88 0.00	114.80 1.70 0.00	102.08 1.11 0.00	92.35 1.18 0.00	87.96 0.69 0.00	79.92 0.40 0.00
CRESCENT__HYD 24018	74.80 2.18 0.00	70.55 2.05 0.00	68.31 1.99 0.00	67.91 2.04 0.00	66.91 2.01 0.00	71.36 2.21 0.00	92.78 2.96 0.00	103.78 2.93 0.00	103.35 3.69 0.00	118.66 4.12 0.00	119.73 4.15 0.00	120.21 4.17 0.00	116.70 3.29 0.00	112.29 3.27 0.00	110.87 3.13 0.00	106.13 3.39 0.00	120.54 3.51 0.00	149.73 4.36 0.00	128.61 3.74 0.00	116.49 3.39 0.00	103.89 2.93 0.00	93.71 2.55 0.00	89.63 2.36 0.00	81.51 1.99 0.00
CRICKET__VALLEY_CC1 323756	74.07 1.45 0.00	69.94 1.44 0.00	67.72 1.40 0.00	67.25 1.39 0.00	66.19 1.30 0.00	70.53 1.38 0.00	91.89 2.07 0.00	102.57 1.71 0.00	102.65 2.99 0.00	117.87 3.32 0.00	119.04 3.46 0.00	119.75 3.71 0.00	116.24 2.84 0.00	111.85 2.83 0.00	110.44 2.69 0.00	105.73 2.98 0.00	119.83 2.80 0.00	148.72 3.35 0.00	127.74 2.87 0.00	115.70 2.60 0.00	102.98 2.02 0.00	93.17 2.00 0.00	88.75 1.48 0.00	80.72 1.19 0.00
CRICKET__VALLEY_CC2 323757	74.07 1.45 0.00	69.94 1.44 0.00	67.72 1.40 0.00	67.25 1.39 0.00	66.19 1.30 0.00	70.53 1.38 0.00	91.89 2.07 0.00	102.57 1.71 0.00	102.65 2.99 0.00	117.87 3.32 0.00	119.04 3.46 0.00	119.75 3.71 0.00	116.24 2.84 0.00	111.85 2.83 0.00	110.44 2.69 0.00	105.73 2.98 0.00	119.83 2.80 0.00	148.72 3.35 0.00	127.74 2.87 0.00	115.70 2.60 0.00	102.98 2.02 0.00	93.17 2.00 0.00	88.75 1.48 0.00	80.72 1.19 0.00
CRICKET__VALLEY_CC3 323758	74.07 1.45 0.00	69.94 1.44 0.00	67.72 1.40 0.00	67.25 1.39 0.00	66.19 1.30 0.00	70.53 1.38 0.00	91.89 2.07 0.00	102.57 1.71 0.00	102.65 2.99 0.00	117.87 3.32 0.00	119.04 3.46 0.00	119.75 3.71 0.00	116.24 2.84 0.00	111.85 2.83 0.00	110.44 2.69 0.00	105.73 2.98 0.00	119.83 2.80 0.00	148.72 3.35 0.00	127.74 2.87 0.00	115.70 2.60 0.00	102.98 2.02 0.00	93.17 2.00 0.00	88.75 1.48 0.00	80.72 1.19 0.00
CRUCIBLE__METL_DRP 24180	71.24 -1.38 0.00	67.20 -1.30 0.00	65.07 -1.26 0.00	64.68 -1.19 0.00	63.73 -1.17 0.00	67.76 -1.38 0.00	87.94 -1.89 0.00	99.65 -1.21 0.00	98.47 -1.20 0.00	113.06 -1.49 0.00	114.19 -1.39 0.00	114.42 -1.62 0.00	111.70 -1.70 0.00	107.50 -1.53 0.00	106.24 -1.51 0.00	100.80 -1.95 0.00	115.27 -1.76 0.00	143.77 -1.60 0.00	122.99 -1.87 0.00	111.40 -1.70 0.00	99.75 -1.21 0.00	89.61 -1.55 0.00	85.87 -1.40 0.00	78.33 -1.19 0.00
DAHOWA__HYDRO 323763	75.53 2.91 0.00	71.31 2.81 0.00	69.05 2.72 0.00	68.63 2.77 0.00	67.75 2.85 0.00	72.18 3.04 0.00	94.13 4.31 0.00	105.50 4.64 0.00	105.04 5.38 0.00	120.50 5.95 0.00	121.58 6.01 0.00	121.84 5.80 0.00	118.63 5.22 0.00	113.93 4.91 0.00	112.48 4.74 0.00	107.78 5.03 0.00	122.65 5.62 0.00	152.49 7.12 0.00	130.74 5.87 0.00	118.42 5.32 0.00	105.61 4.65 0.00	94.90 3.74 0.00	90.67 3.40 0.00	82.30 2.78 0.00
DANC__LFGE 323619	72.26 -0.36 0.00	68.02 -0.48 0.00	65.79 -0.53 0.00	65.27 -0.59 0.00	64.45 -0.45 0.00	68.67 -0.48 0.00	89.01 -0.81 0.00	101.97 1.11 0.00	100.66 1.00 0.00	116.03 1.49 0.00	117.88 2.31 0.00	117.89 1.85 0.00	115.11 1.70 0.00	110.76 1.74 0.00	109.14 1.40 0.00	102.85 0.10 0.00	117.50 0.47 0.00	146.40 1.02 0.00	125.75 0.88 0.00	114.00 0.90 0.00	101.47 0.51 0.00	91.25 0.09 0.00	87.36 0.09 0.00	79.52 0.00 0.00
DANSKAMMER__1 23586	74.94 2.32 0.00	70.76 2.26 0.00	68.51 2.19 0.00	68.04 2.17 0.00	66.97 2.08 0.00	71.42 2.28 0.00	93.15 3.33 0.00	104.08 3.23 0.00	103.95 4.28 0.00	119.58 5.03 0.00	120.78 5.21 0.00	121.61 5.57 0.00	118.28 4.87 0.00	113.71 4.68 0.00	112.27 4.52 0.00	107.38 4.63 0.00	121.83 4.80 0.00	151.62 6.25 0.00	130.11 5.24 0.00	117.85 4.75 0.00	104.50 3.53 0.00	94.63 3.46 0.00	89.98 2.71 0.00	81.75 2.22 0.00
DANSKAMMER__2 23589	74.94 2.32 0.00	70.76 2.26 0.00	68.51 2.19 0.00	68.04 2.17 0.00	66.97 2.08 0.00	71.42 2.28 0.00	93.15 3.33 0.00	104.08 3.23 0.00	103.95 4.28 0.00	119.58 5.03 0.00	120.78 5.21 0.00	121.61 5.57 0.00	118.28 4.87 0.00	113.71 4.68 0.00	112.27 4.52 0.00	107.38 4.63 0.00	121.83 4.80 0.00	151.62 6.25 0.00	130.11 5.24 0.00	117.85 4.75 0.00	104.50 3.53 0.00	94.63 3.46 0.00	89.98 2.71 0.00	81.75 2.22 0.00
DANSKAMMER__3 23590	74.94 2.32 0.00	70.76 2.26 0.00	68.51 2.19 0.00	68.04 2.17 0.00	66.97 2.08 0.00	71.42 2.28 0.00	93.15 3.33 0.00	104.08 3.23 0.00	103.95 4.28 0.00	119.58 5.03 0.00	120.78 5.21 0.00	121.61 5.57 0.00	118.28 4.87 0.00	113.71 4.68 0.00	112.27 4.52 0.00	107.38 4.63 0.00	121.83 4.80 0.00	151.62 6.25 0.00	130.11 5.24 0.00	117.85 4.75 0.00	104.50 3.53 0.00	94.63 3.46 0.00	89.98 2.71 0.00	81.75 2.22 0.00



DANSKAMMER___4 23591	74.94 2.32 0.00	70.76 2.26 0.00	68.51 2.19 0.00	68.04 2.17 0.00	66.97 2.08 0.00	71.42 2.28 0.00	93.15 3.33 0.00	104.08 3.23 0.00	103.95 4.28 0.00	119.58 5.03 0.00	120.78 5.21 0.00	121.61 5.57 0.00	118.28 4.87 0.00	113.71 4.68 0.00	112.27 4.52 0.00	107.38 4.63 0.00	121.83 4.80 0.00	151.62 6.25 0.00	130.11 5.24 0.00	117.85 4.75 0.00	104.50 3.53 0.00	94.63 3.46 0.00	89.98 2.71 0.00	81.75 2.22 0.00
DANSKAMMER___DIESEL 23592	75.02 2.40 0.00	70.76 2.26 0.00	68.45 2.12 0.00	67.98 2.11 0.00	66.91 2.01 0.00	71.57 2.42 0.00	93.15 3.32 0.00	104.29 3.43 0.00	103.75 4.09 0.00	119.59 5.04 0.00	120.66 5.09 0.00	121.49 5.45 0.00	118.28 4.88 0.00	113.71 4.69 0.00	112.16 4.42 0.00	107.27 4.52 0.00	122.06 5.03 0.00	151.48 6.11 0.00	130.24 5.37 0.00	117.85 4.75 0.00	104.70 3.74 0.00	94.63 3.46 0.00	89.89 2.62 0.00	81.75 2.23 0.00
DARBY___SOLAR 323810	75.38 2.76 0.00	71.17 2.67 0.00	68.85 2.52 0.00	68.43 2.57 0.00	67.50 2.60 0.00	71.98 2.84 0.00	93.77 3.95 0.00	105.09 4.24 0.00	104.55 4.88 0.00	120.04 5.50 0.00	121.12 5.55 0.00	121.38 5.34 0.00	118.17 4.76 0.00	113.49 4.47 0.00	112.17 4.42 0.00	107.38 4.63 0.00	122.17 5.14 0.00	151.92 6.55 0.00	130.23 5.37 0.00	117.96 4.86 0.00	105.20 4.24 0.00	94.63 3.46 0.00	90.41 3.14 0.00	82.14 2.62 0.00
DASHVILLE___HYD 23610	74.51 1.89 0.00	70.28 1.78 0.00	67.98 1.66 0.00	67.52 1.65 0.00	66.45 1.56 0.00	71.01 1.87 0.00	92.43 2.60 0.00	103.38 2.52 0.00	102.56 2.89 0.00	118.21 3.67 0.00	119.16 3.58 0.00	119.75 3.71 0.00	116.81 3.40 0.00	112.29 3.27 0.00	110.87 3.12 0.00	106.14 3.39 0.00	120.66 3.63 0.00	149.88 4.51 0.00	128.86 4.00 0.00	116.61 3.51 0.00	103.49 2.52 0.00	93.72 2.55 0.00	89.19 1.92 0.00	81.03 1.51 0.00
DELAWARE___LFGE 323621	73.93 1.31 0.00	69.80 1.30 0.00	67.59 1.26 0.00	67.05 1.19 0.00	66.13 1.23 0.00	70.60 1.45 0.00	91.89 2.07 0.00	103.18 2.32 0.00	102.36 2.69 0.00	117.75 3.21 0.00	118.92 3.35 0.00	119.41 3.37 0.00	116.69 3.29 0.00	112.08 3.05 0.00	110.55 2.80 0.00	105.32 2.57 0.00	119.60 2.57 0.00	148.43 3.05 0.00	127.74 2.87 0.00	115.70 2.60 0.00	103.18 2.22 0.00	93.08 1.91 0.00	88.84 1.57 0.00	80.79 1.27 0.00
DERFIELD_115KV_TB7 355931	72.84 0.22 0.00	68.70 0.21 0.00	66.52 0.20 0.00	66.00 0.13 0.00	65.09 0.19 0.00	69.28 0.14 0.00	90.09 0.27 0.00	100.96 0.10 0.00	99.86 0.20 0.00	114.78 0.23 0.00	115.92 0.35 0.00	116.39 0.35 0.00	113.75 0.34 0.00	109.35 0.33 0.00	108.07 0.32 0.00	103.16 0.41 0.00	117.38 0.35 0.00	145.66 0.29 0.00	125.12 0.25 0.00	113.33 0.23 0.00	101.27 0.30 0.00	91.35 0.18 0.00	87.44 0.17 0.00	79.68 0.16 0.00
DOGLEVILLE___HYD 23807	79.52 6.90 0.00	75.01 6.51 0.00	72.49 6.17 0.00	71.93 6.06 0.00	70.93 6.04 0.00	75.23 6.08 0.00	97.64 7.81 0.00	109.63 8.77 0.00	108.44 8.77 0.00	124.63 10.08 0.00	126.20 10.63 0.00	126.72 10.68 0.00	123.95 10.55 0.00	119.27 10.25 0.00	117.77 10.02 0.00	112.20 9.45 0.00	127.91 10.88 0.00	158.75 13.37 0.00	136.11 11.24 0.00	123.17 10.07 0.00	109.95 8.99 0.00	99.00 7.84 0.00	95.21 7.94 0.00	86.76 7.24 0.00
DUNKIRK___115KV_TB_200 55889	72.04 -0.58 0.00	68.16 -0.34 0.00	65.79 -0.53 0.00	65.54 -0.33 0.00	64.96 0.06 0.00	67.97 -1.18 0.00	86.86 -2.96 0.00	98.84 -2.02 0.00	97.47 -2.19 0.00	110.54 -4.01 0.00	111.64 -3.93 0.00	111.51 -4.53 0.00	108.64 -4.76 0.00	103.79 -5.23 0.00	103.11 -4.63 0.00	97.71 -5.03 0.00	113.40 -3.63 0.00	141.59 -3.78 0.00	120.62 -4.25 0.00	109.71 -3.39 0.00	98.94 -2.02 0.00	88.79 -2.37 0.00	86.57 -0.70 0.00	79.76 0.24 0.00
DUNKIRK___1 23563	72.04 -0.58 0.00	68.16 -0.34 0.00	65.79 -0.53 0.00	65.54 -0.33 0.00	64.96 0.06 0.00	67.97 -1.18 0.00	86.86 -2.96 0.00	98.84 -2.02 0.00	97.47 -2.19 0.00	110.54 -4.01 0.00	111.64 -3.93 0.00	111.51 -4.53 0.00	108.64 -4.76 0.00	103.79 -5.23 0.00	103.11 -4.63 0.00	97.71 -5.03 0.00	113.40 -3.63 0.00	141.59 -3.78 0.00	120.62 -4.25 0.00	109.71 -3.39 0.00	98.94 -2.02 0.00	88.79 -2.37 0.00	86.57 -0.70 0.00	79.76 0.24 0.00
DUNKIRK___2 23564	72.04 -0.58 0.00	68.16 -0.34 0.00	65.79 -0.53 0.00	65.54 -0.33 0.00	64.96 0.06 0.00	67.97 -1.18 0.00	86.86 -2.96 0.00	98.84 -2.02 0.00	97.47 -2.19 0.00	110.54 -4.01 0.00	111.64 -3.93 0.00	111.51 -4.53 0.00	108.64 -4.76 0.00	103.79 -5.23 0.00	103.11 -4.63 0.00	97.71 -5.03 0.00	113.40 -3.63 0.00	141.59 -3.78 0.00	120.62 -4.25 0.00	109.71 -3.39 0.00	98.94 -2.02 0.00	88.79 -2.37 0.00	86.57 -0.70 0.00	79.76 0.24 0.00
DUNKIRK___3 23565	71.60 -1.02 0.00	67.75 -0.75 0.00	65.40 -0.93 0.00	65.14 -0.72 0.00	64.51 -0.39 0.00	67.42 -1.73 0.00	86.05 -3.77 0.00	97.93 -2.92 0.00	96.58 -3.09 0.00	109.51 -5.04 0.00	110.49 -5.09 0.00	110.47 -5.57 0.00	107.62 -5.78 0.00	102.92 -6.11 0.00	102.25 -5.50 0.00	96.89 -5.86 0.00	112.35 -4.68 0.00	140.29 -5.09 0.00	119.50 -5.37 0.00	108.69 -4.41 0.00	98.04 -2.93 0.00	88.06 -3.10 0.00	85.87 -1.40 0.00	79.12 -0.40 0.00
DUNKIRK___4 23566	71.60 -1.02 0.00	67.75 -0.75 0.00	65.40 -0.93 0.00	65.14 -0.72 0.00	64.51 -0.39 0.00	67.42 -1.73 0.00	86.05 -3.77 0.00	97.93 -2.92 0.00	96.58 -3.09 0.00	109.51 -5.04 0.00	110.49 -5.09 0.00	110.47 -5.57 0.00	107.62 -5.78 0.00	102.92 -6.11 0.00	102.25 -5.50 0.00	96.89 -5.86 0.00	112.35 -4.68 0.00	140.29 -5.09 0.00	119.50 -5.37 0.00	108.69 -4.41 0.00	98.04 -2.93 0.00	88.06 -3.10 0.00	85.87 -1.40 0.00	79.12 -0.40 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	74.58 1.96 0.00	70.35 1.85 0.00	68.12 1.79 0.00	67.58 1.71 0.00	66.45 1.56 0.00	71.15 2.01 0.00	92.43 2.60 0.00	103.38 2.52 0.00	103.15 3.49 0.00	118.67 4.12 0.00	120.08 4.51 0.00	120.91 4.87 0.00	117.72 4.31 0.00	113.17 4.14 0.00	111.62 3.88 0.00	106.86 4.11 0.00	121.36 4.33 0.00	150.32 4.94 0.00	129.49 4.62 0.00	117.17 4.07 0.00	104.09 3.13 0.00	94.08 2.92 0.00	89.36 2.09 0.00	81.27 1.75 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	74.36 1.74 0.00	70.14 1.64 0.00	67.85 1.53 0.00	67.38 1.51 0.00	66.26 1.36 0.00	70.94 1.80 0.00	92.34 2.52 0.00	103.38 2.52 0.00	102.75 3.09 0.00	118.33 3.78 0.00	119.50 3.93 0.00	120.22 4.18 0.00	117.03 3.63 0.00	112.62 3.60 0.00	111.09 3.34 0.00	106.24 3.49 0.00	120.77 3.74 0.00	149.88 4.51 0.00	128.99 4.12 0.00	116.72 3.62 0.00	103.69 2.73 0.00	93.72 2.55 0.00	89.10 1.83 0.00	81.03 1.51 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	74.29 1.67 0.00	70.07 1.58 0.00	67.92 1.59 0.00	67.38 1.51 0.00	66.13 1.23 0.00	70.25 1.11 0.00	91.52 1.71 0.01	102.36 1.51 0.01	101.95 2.29 0.01	117.29 2.75 0.01	118.57 3.00 0.01	119.51 3.48 0.01	116.23 2.84 0.01	111.74 2.73 0.01	110.22 2.48 0.01	105.51 2.77 0.01	119.95 2.93 0.01	148.71 3.34 0.01	128.11 3.25 0.01	115.92 2.83 0.01	102.87 1.92 0.01	92.71 1.55 0.01	88.05 0.79 0.01	80.56 1.03 0.00



E179THST_13_KV_LOAD 356214	74.58 1.96 0.00	70.35 1.85 0.00	68.18 1.86 0.00	67.65 1.78 0.00	66.39 1.49 0.00	70.53 1.38 0.00	91.88 2.07 0.01	102.87 2.02 0.01	102.45 2.79 0.01	117.86 3.32 0.01	119.15 3.58 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.39 3.38 0.01	110.86 3.12 0.01	106.03 3.29 0.01	120.65 3.63 0.01	149.58 4.22 0.01	128.85 4.00 0.01	116.60 3.51 0.01	103.38 2.42 0.01	93.16 2.01 0.01	88.48 1.22 0.01	80.95 1.43 0.00
EAST HAMPTON___GT 23717	79.81 7.19 0.00	74.73 6.23 0.00	71.56 5.24 0.00	70.74 4.87 0.00	69.18 4.28 0.00	73.71 4.56 0.00	94.40 4.58 0.00	100.25 -0.60 0.00	104.65 4.98 0.00	119.24 4.70 0.00	122.39 6.82 0.00	124.63 8.59 0.00	122.02 8.61 0.00	117.42 8.40 0.00	115.83 8.09 0.00	110.36 7.60 -0.01	124.40 7.26 -0.11	147.84 2.47 0.00	130.23 5.37 0.00	120.98 6.56 -1.32	104.00 3.03 -0.01	93.09 1.92 -0.01	87.80 0.53 0.00	81.19 1.67 0.00
EAST RIVER___6 23660	74.44 1.82 0.00	70.28 1.78 0.00	68.05 1.72 0.00	67.58 1.71 0.00	66.39 1.49 0.00	70.80 1.66 0.00	92.43 2.61 0.00	103.18 2.32 0.00	103.55 3.88 0.00	119.13 4.59 0.00	120.43 4.85 0.00	121.50 5.46 0.00	118.28 4.87 0.00	113.60 4.58 0.00	112.17 4.42 0.00	107.38 4.63 0.00	121.72 4.69 0.00	151.48 6.10 0.00	129.87 5.00 0.00	117.40 4.30 0.00	103.99 3.03 0.00	94.08 2.92 0.00	89.28 2.01 0.00	81.11 1.59 0.00
EAST RIVER___7 23524	74.44 1.82 0.00	70.28 1.78 0.00	68.05 1.72 0.00	67.58 1.71 0.00	66.39 1.49 0.00	70.80 1.66 0.00	92.43 2.61 0.00	103.18 2.32 0.00	103.55 3.88 0.00	119.13 4.59 0.00	120.43 4.85 0.00	121.50 5.46 0.00	118.28 4.87 0.00	113.60 4.58 0.00	112.17 4.42 0.00	107.38 4.63 0.00	121.72 4.69 0.00	151.48 6.10 0.00	129.87 5.00 0.00	117.40 4.30 0.00	103.99 3.03 0.00	94.08 2.92 0.00	89.28 2.01 0.00	81.11 1.59 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	74.36 1.74 0.00	70.14 1.64 0.00	67.85 1.53 0.00	67.38 1.51 0.00	66.26 1.36 0.00	70.87 1.73 0.00	92.25 2.43 0.00	103.08 2.22 0.00	102.85 3.19 0.00	118.33 3.78 0.00	119.62 4.05 0.00	120.45 4.41 0.00	117.26 3.86 0.00	112.73 3.71 0.00	111.19 3.45 0.00	106.45 3.70 0.00	120.89 3.86 0.00	149.88 4.51 0.00	128.99 4.12 0.00	116.72 3.62 0.00	103.69 2.73 0.00	93.72 2.55 0.00	89.01 1.75 0.00	80.95 1.43 0.00
EAST_HAMPTON___DIESEL 23722	79.81 7.19 0.00	74.73 6.23 0.00	71.56 5.24 0.00	70.67 4.81 0.00	69.11 4.22 0.00	73.64 4.49 0.00	94.22 4.40 0.00	100.05 -0.81 0.00	104.45 4.78 0.00	119.13 4.59 0.00	122.27 6.70 0.00	124.51 8.47 0.00	121.92 8.51 0.00	117.30 8.28 0.00	115.61 7.86 0.00	110.16 7.40 -0.01	124.04 6.90 -0.11	147.41 2.03 0.00	129.87 5.00 0.00	120.64 6.22 -1.32	103.70 2.73 -0.01	92.81 1.64 -0.01	87.53 0.26 0.00	81.03 1.51 0.00
EAST_POINT___SOLAR 323840	74.50 1.88 0.00	70.28 1.78 0.00	67.98 1.66 0.00	67.65 1.78 0.00	66.84 1.95 0.00	71.63 2.49 0.00	93.96 4.13 0.00	105.40 4.54 0.00	104.05 4.38 0.00	117.98 3.43 0.00	118.80 3.23 0.00	118.94 2.90 0.00	115.90 2.49 0.00	111.75 2.73 0.00	110.44 2.69 0.00	107.16 4.42 0.00	121.94 4.91 0.00	152.49 7.12 0.00	130.74 5.87 0.00	118.42 5.32 0.00	105.20 4.24 0.00	93.99 2.83 0.00	89.98 2.71 0.00	81.35 1.83 0.00
EAST_PULASKI___ESR 323781	71.17 -1.45 0.00	67.06 -1.44 0.00	64.87 -1.46 0.00	64.42 -1.45 0.00	63.53 -1.37 0.00	67.69 -1.46 0.00	87.40 -2.42 0.00	100.76 -0.10 0.00	99.47 -0.20 0.00	114.55 0.00 0.00	116.04 0.46 0.00	116.04 0.00 0.00	113.29 -0.11 0.00	109.02 0.00 0.00	107.64 -0.11 0.00	100.59 -2.16 0.00	114.93 -2.10 0.00	143.04 -2.33 0.00	122.86 -2.00 0.00	111.29 -1.81 0.00	99.25 -1.72 0.00	89.24 -1.92 0.00	85.79 -1.48 0.00	78.25 -1.28 0.00
EAST_RIVER___1 323558	74.44 1.82 0.00	70.28 1.78 0.00	68.12 1.79 0.00	67.58 1.71 0.00	66.45 1.55 0.00	70.80 1.66 0.00	92.33 2.51 0.00	103.07 2.22 0.00	103.35 3.69 0.00	118.79 4.24 0.00	120.08 4.50 0.00	121.14 5.10 0.00	117.95 4.54 0.00	113.27 4.25 0.00	111.84 4.09 0.00	107.06 4.31 0.00	121.36 4.33 0.00	150.90 5.52 0.00	129.49 4.62 0.00	117.17 4.07 0.00	103.79 2.82 0.00	93.90 2.73 0.00	89.19 1.92 0.00	81.11 1.59 0.00
EAST_RIVER___2 323559	74.44 1.82 0.00	70.28 1.78 0.00	68.05 1.72 0.00	67.58 1.71 0.00	66.39 1.49 0.00	70.80 1.66 0.00	92.43 2.61 0.00	103.18 2.32 0.00	103.55 3.88 0.00	119.13 4.59 0.00	120.43 4.85 0.00	121.50 5.46 0.00	118.28 4.87 0.00	113.60 4.58 0.00	112.17 4.42 0.00	107.38 4.63 0.00	121.72 4.69 0.00	151.48 6.10 0.00	129.87 5.00 0.00	117.40 4.30 0.00	103.99 3.03 0.00	94.08 2.92 0.00	89.28 2.01 0.00	81.11 1.59 0.00
EAST___DELAWARE_HYD 23607	74.87 2.25 0.00	70.69 2.19 0.00	68.38 2.06 0.00	67.91 2.04 0.00	66.91 2.01 0.00	71.36 2.21 0.00	93.23 3.41 0.00	104.29 3.43 0.00	103.85 4.19 0.00	119.47 4.92 0.00	120.43 4.85 0.00	121.27 5.23 0.00	118.17 4.76 0.00	113.49 4.47 0.00	112.06 4.31 0.00	107.26 4.52 0.00	122.06 5.03 0.00	152.06 6.69 0.00	130.49 5.62 0.00	118.07 4.97 0.00	104.59 3.63 0.00	94.72 3.55 0.00	89.98 2.71 0.00	81.67 2.15 0.00
EIGHT_POINT___WT_PWR 323820	73.42 0.80 0.00	68.77 0.28 0.00	66.19 -0.13 0.00	65.87 0.00 0.00	65.29 0.39 0.00	70.25 1.10 0.00	91.71 1.89 0.00	106.81 5.95 0.00	105.24 5.58 0.00	119.82 5.27 0.00	120.78 5.21 0.00	120.45 4.41 0.00	117.37 3.97 0.00	112.61 3.59 0.00	111.09 3.34 0.00	105.32 2.57 0.00	121.36 4.33 0.00	152.06 6.69 0.00	128.98 4.11 0.00	116.26 3.16 0.00	105.30 4.34 0.00	93.53 2.37 0.00	89.45 2.18 0.00	81.75 2.22 0.00
ELBRIDGE_115KV_TB2 80188	70.88 -1.74 0.00	66.86 -1.64 0.00	64.67 -1.66 0.00	64.29 -1.58 0.00	63.40 -1.49 0.00	67.35 -1.80 0.00	87.40 -2.43 0.00	98.74 -2.12 0.00	97.57 -2.09 0.00	112.03 -2.52 0.00	113.03 -2.54 0.00	113.26 -2.78 0.00	110.57 -2.84 0.00	106.30 -2.73 0.00	105.16 -2.59 0.00	100.08 -2.67 0.00	114.57 -2.46 0.00	142.90 -2.47 0.00	122.24 -2.62 0.00	110.73 -2.38 0.00	99.05 -1.92 0.00	89.07 -2.10 0.00	85.44 -1.83 0.00	77.93 -1.59 0.00
ELEC_TRO_TEK 24086	75.82 3.20 0.00	71.38 2.88 0.00	68.85 2.52 0.00	68.31 2.44 0.00	67.10 2.21 0.00	72.05 2.90 0.00	93.59 3.77 0.00	103.28 2.42 0.00	102.95 3.29 0.00	117.98 3.44 0.00	120.54 4.97 0.00	121.84 5.80 0.00	118.74 5.33 0.00	114.58 5.56 0.00	112.92 5.17 0.00	108.40 5.65 0.00	123.92 6.09 -0.80	150.17 4.80 0.00	130.36 5.49 0.00	129.31 5.77 -10.44	105.61 4.64 0.00	95.54 4.38 0.00	90.50 3.23 0.00	82.23 2.70 0.00
ELLENBURG_WT_PWR 323604	74.15 1.53 0.00	69.94 1.44 0.00	67.85 1.53 0.00	67.32 1.45 0.00	66.26 1.36 0.00	70.67 1.52 0.00	91.89 2.07 0.00	103.07 2.22 0.00	101.96 2.29 0.00	117.29 2.74 0.00	118.34 2.77 0.00	118.82 2.78 0.00	116.12 2.72 0.00	111.63 2.61 0.00	110.33 2.58 0.00	104.91 2.16 0.00	119.72 2.69 0.00	149.01 3.64 0.00	127.86 2.99 0.00	115.81 2.71 0.00	103.38 2.42 0.00	93.35 2.18 0.00	89.45 2.18 0.00	81.67 2.15 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	70.73 -1.89 0.00	66.99 -1.51 0.00	64.73 -1.59 0.00	64.42 -1.45 0.00	63.79 -1.10 0.00	65.90 -3.25 0.00	83.53 -6.29 0.00	94.91 -5.95 0.00	93.68 -5.98 0.00	106.53 -8.02 0.00	107.37 -8.21 0.00	107.34 -8.70 0.00	104.67 -8.73 0.00	100.08 -8.94 0.00	99.67 -8.08 0.00	94.32 -8.43 0.00	109.19 -7.84 0.00	136.07 -9.30 0.00	115.75 -9.12 0.00	105.52 -7.58 0.00	95.41 -5.55 0.00	85.88 -5.29 0.00	84.13 -3.14 0.00	77.69 -1.83 0.00
EMPIRE_CC_1 323656	74.07 1.45 0.00	69.87 1.37 0.00	67.72 1.40 0.00	67.25 1.39 0.00	66.26 1.36 0.00	70.60 1.45 0.00	91.62 1.80 0.00	102.07 1.21 0.00	102.45 2.79 0.00	117.64 3.09 0.00	118.80 3.23 0.00	119.41 3.37 0.00	114.88 1.47 0.00	110.55 1.53 0.00	109.25 1.51 0.00	104.49 1.75 0.00	118.44 1.41 0.00	146.83 1.45 0.00	126.37 1.50 0.00	114.46 1.36 0.00	102.18 1.22 0.00	92.35 1.18 0.00	88.49 1.22 0.00	80.55 1.03 0.00
EMPIRE_CC_2 323658	74.07 1.45 0.00	69.87 1.37 0.00	67.72 1.40 0.00	67.25 1.39 0.00	66.26 1.36 0.00	70.60 1.45 0.00	91.62 1.80 0.00	102.07 1.21 0.00	102.45 2.79 0.00	117.64 3.09 0.00	118.80 3.23 0.00	119.41 3.37 0.00	114.88 1.47 0.00	110.55 1.53 0.00	109.25 1.51 0.00	104.49 1.75 0.00	118.44 1.41 0.00	146.83 1.45 0.00	126.37 1.50 0.00	114.46 1.36 0.00	102.18 1.22 0.00	92.35 1.18 0.00	88.49 1.22 0.00	80.55 1.03 0.00
ENORWICH_115KV_TB1 80156	76.90 4.28 0.00	72.68 4.18 0.00	70.17 3.85 0.00	69.56 3.69 0.00	68.86 3.96 0.00	73.29 4.15 0.00	95.75 5.93 0.00	108.82 7.97 0.00	108.04 8.37 0.00	123.82 9.28 0.00	125.51 9.94 0.00	125.56 9.52 0.00	122.82 9.41 0.00	117.85 8.83 0.00	116.04 8.30 0.00	110.45 7.71 0.00	127.56 10.53 0.00	159.77 14.39 0.00	136.11 11.24 0.00	123.51 10.41 0.00	110.25 9.29 0.00	97.91 6.75 0.00	93.38 6.11 0.00	84.93 5.41 0.00
ERIE_ST__34_KV_TB1-2 80199	71.39 -1.23 0.00	67.61 -0.89 0.00	65.26 -1.06 0.00	65.01 -0.86 0.00	64.31 -0.58 0.00	66.86 -2.28 0.00	85.06 -4.76 0.00	96.72 -4.14 0.00	95.48 -4.19 0.00	108.36 -6.19 0.00	109.45 -6.13 0.00	109.43 -6.61 0.00	106.60 -6.80 0.00	101.94 -7.09 0.00	101.50 -6.25 0.00	96.17 -6.58 0.00	111.30 -5.73 0.00	138.83 -6.54 0.00	118.12 -6.74 0.00	107.67 -5.43 0.00	97.13 -3.84 0.00	87.33 -3.83 0.00	85.35 -1.92 0.00	78.73 -0.80 0.00
ERIE_WT_PWR 323693	71.46 -1.16 0.00	67.47 -1.03 0.00	65.00 -1.33 0.00	64.68 -1.18 0.00	63.93 -0.97 0.00	66.93 -2.22 0.00	84.25 -5.57 0.00	97.63 -3.23 0.00	94.68 -4.98 0.00	108.25 -6.30 0.00	109.10 -6.47 0.00	108.96 -7.08 0.00	105.92 -7.49 0.00	101.39 -7.63 0.00	100.74 -7.00 0.00	95.76 -6.99 0.00	111.07 -5.96 0.00	137.38 -8.00 0.00	118.37 -6.50 0.00	107.56 -5.54 0.00	96.82 -4.14 0.00	86.61 -4.56 0.00	84.74 -2.53 0.00	78.33 -1.19 0.00
ESPRGFLD_115KV_TB1 80157	72.33 -0.29 0.00	68.29 -0.21 0.00	66.06 -0.27 0.00	65.61 -0.26 0.00	64.83 -0.06 0.00	69.42 0.28 0.00	90.81 0.99 0.00	101.46 0.61 0.00	100.36 0.70 0.00	113.97 -0.57 0.00	114.76 -0.81 0.00	114.76 -1.28 0.00	111.93 -1.47 0.00	107.93 -1.09 0.00	106.56 -1.19 0.00	103.98 1.23 0.00	118.20 1.17 0.00	147.26 1.89 0.00	126.49 1.62 0.00	114.46 1.36 0.00	101.87 0.91 0.00	91.35 0.18 0.00	87.36 0.09 0.00	79.20 -0.32 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	72.62 0.00 0.00	68.57 0.07 0.00	66.33 0.00 0.00	65.93 0.07 0.00	65.09 0.19 0.00	69.08 -0.07 0.00	89.82 0.00 0.00	101.87 1.01 0.00	100.56 0.90 0.00	115.12 0.57 0.00	116.27 0.69 0.00	116.16 0.12 0.00	113.41 0.00 0.00	109.02 0.00 0.00	107.85 0.11 0.00	102.65 -0.10 0.00	118.08 1.05 0.00	147.84 2.47 0.00	126.24 1.37 0.00	114.34 1.24 0.00	102.38 1.41 0.00	91.71 0.55 0.00	87.88 0.61 0.00	80.24 0.72 0.00
ETNA____115KV_TB2 80207	72.62 0.00 0.00	68.57 0.07 0.00	66.33 0.00 0.00	65.93 0.07 0.00	65.09 0.19 0.00	69.08 -0.07 0.00	89.82 0.00 0.00	101.87 1.01 0.00	100.56 0.90 0.00	115.12 0.57 0.00	116.27 0.69 0.00	116.16 0.12 0.00	113.41 0.00 0.00	109.02 0.00 0.00	107.85 0.11 0.00	102.65 -0.10 0.00	118.08 1.05 0.00	147.84 2.47 0.00	126.24 1.37 0.00	114.34 1.24 0.00	102.38 1.41 0.00	91.71 0.55 0.00	87.88 0.61 0.00	80.24 0.72 0.00
EUCLID__115KV_TB2 356179	70.66 -1.96 0.00	66.65 -1.85 0.00	64.47 -1.86 0.00	64.09 -1.78 0.00	63.21 -1.69 0.00	67.14 -2.01 0.00	87.04 -2.78 0.00	98.23 -2.62 0.00	97.07 -2.59 0.00	111.45 -3.09 0.00	112.45 -3.12 0.00	112.79 -3.25 0.00	110.12 -3.29 0.00	105.86 -3.16 0.00	104.73 -3.02 0.00	99.67 -3.08 0.00	113.87 -3.16 0.00	141.88 -3.49 0.00	121.50 -3.37 0.00	110.05 -3.05 0.00	98.54 -2.42 0.00	88.61 -2.55 0.00	85.00 -2.27 0.00	77.53 -1.99 0.00
E_CANADA_CAP_HY 24051	72.12 -0.50 0.00	68.02 -0.48 0.00	65.79 -0.53 0.00	65.41 -0.46 0.00	64.64 -0.26 0.00	69.28 0.14 0.00	90.81 0.99 0.00	101.66 0.80 0.00	100.46 0.79 0.00	114.09 -0.46 0.00	114.77 -0.80 0.00	114.99 -1.05 0.00	112.05 -1.36 0.00	108.04 -0.98 0.00	106.77 -0.97 0.00	103.88 1.13 0.00	117.62 0.59 0.00	146.83 1.45 0.00	125.86 0.99 0.00	113.90 0.80 0.00	101.27 0.30 0.00	90.62 -0.54 0.00	87.01 -0.26 0.00	78.73 -0.80 0.00
E_CANADA_MHWK_HY 24050	79.59 6.97 0.00	75.01 6.51 0.00	72.49 6.17 0.00	71.92 6.06 0.00	70.86 5.97 0.00	75.30 6.15 0.00	97.63 7.81 0.00	109.83 8.97 0.00	108.44 8.77 0.00	124.63 10.08 0.00	126.20 10.63 0.00	126.71 10.67 0.00	123.95 10.55 0.00	119.27 10.25 0.00	117.77 10.02 0.00	112.20 9.45 0.00	127.92 10.89 0.00	158.74 13.37 0.00	136.23 11.36 0.00	123.28 10.18 0.00	109.95 8.98 0.00	99.00 7.84 0.00	95.21 7.94 0.00	86.76 7.24 0.00
E_FISHKILL__LBMP 23776	74.22 1.60 0.00	70.01 1.51 0.00	67.78 1.46 0.00	67.32 1.45 0.00	66.19 1.30 0.00	70.81 1.66 0.00	92.07 2.25 0.00	102.87 2.02 0.00	102.56 2.89 0.00	117.98 3.44 0.00	119.16 3.58 0.00	119.99 3.95 0.00	116.69 3.29 0.00	112.18 3.16 0.00	110.76 3.02 0.00	106.04 3.29 0.00	120.31 3.28 0.00	149.01 3.63 0.00	128.36 3.50 0.00	116.15 3.05 0.00	103.39 2.42 0.00	93.44 2.28 0.00	88.93 1.66 0.00	80.87 1.35 0.00
FALCON__SEABRD_CC1 323796	75.16 2.54 0.00	70.90 2.40 0.00	68.78 2.46 0.00	68.24 2.37 0.00	67.17 2.27 0.00	71.71 2.56 0.00	93.23 3.41 0.00	104.79 3.93 0.00	103.66 3.99 0.00	119.01 4.46 0.00	120.08 4.50 0.00	120.56 4.52 0.00	117.71 4.31 0.00	113.16 4.14 0.00	111.94 4.20 0.00	106.44 3.69 0.00	121.59 4.56 0.00	151.48 6.10 0.00	129.99 5.12 0.00	117.74 4.64 0.00	105.01 4.04 0.00	94.81 3.65 0.00	90.85 3.58 0.00	82.86 3.34 0.00
FALCON__SEABRD_CC2 323797	75.16 2.54 0.00	70.90 2.40 0.00	68.78 2.46 0.00	68.24 2.37 0.00	67.17 2.27 0.00	71.71 2.56 0.00	93.23 3.41 0.00	104.79 3.93 0.00	103.66 3.99 0.00	119.01 4.46 0.00	120.08 4.50 0.00	120.56 4.52 0.00	117.71 4.31 0.00	113.16 4.14 0.00	111.94 4.20 0.00	106.44 3.69 0.00	121.59 4.56 0.00	151.48 6.10 0.00	129.99 5.12 0.00	117.74 4.64 0.00	105.01 4.04 0.00	94.81 3.65 0.00	90.85 3.58 0.00	82.86 3.34 0.00



FAR ROCKAWAY___4 23548	77.12 4.50 0.00	72.54 4.04 0.00	69.91 3.58 0.00	69.43 3.56 0.00	68.21 3.31 0.00	73.23 4.08 0.00	95.21 5.39 0.00	105.19 4.34 0.00	104.75 5.08 0.00	120.16 5.61 0.00	122.97 7.40 0.00	124.40 8.35 0.00	121.23 7.82 0.00	116.98 7.96 0.00	115.29 7.54 0.00	110.66 7.91 0.00	127.59 8.78 -1.78	153.37 8.00 0.00	133.11 8.24 0.00	144.74 8.37 -23.27	108.03 7.07 0.00	97.45 6.29 0.00	92.07 4.80 0.00	83.74 4.21 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	74.51 1.89 0.00	70.35 1.85 0.00	68.12 1.79 0.00	67.58 1.71 0.00	66.39 1.49 0.00	71.01 1.87 0.00	92.34 2.52 0.00	103.38 2.52 0.00	103.15 3.49 0.00	118.78 4.24 0.00	120.08 4.51 0.00	121.03 4.99 0.00	117.83 4.42 0.00	113.27 4.25 0.00	111.73 3.99 0.00	106.96 4.21 0.00	121.59 4.56 0.00	150.75 5.38 0.00	129.61 4.74 0.00	117.29 4.18 0.00	104.09 3.13 0.00	93.99 2.83 0.00	89.19 1.92 0.00	81.19 1.67 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	74.58 1.96 0.00	70.35 1.85 0.00	68.12 1.79 0.00	67.65 1.78 0.00	66.45 1.56 0.00	71.08 1.94 0.00	92.43 2.60 0.00	103.38 2.52 0.00	103.15 3.49 0.00	118.78 4.24 0.00	120.20 4.62 0.00	121.03 4.99 0.00	117.83 4.42 0.00	113.27 4.25 0.00	111.73 3.99 0.00	106.96 4.21 0.00	121.59 4.56 0.00	150.75 5.38 0.00	129.74 4.87 0.00	117.29 4.18 0.00	104.09 3.13 0.00	93.99 2.83 0.00	89.28 2.01 0.00	81.27 1.75 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	74.51 1.89 0.00	70.28 1.78 0.00	68.05 1.72 0.00	67.58 1.71 0.00	66.39 1.49 0.00	71.01 1.87 0.00	92.34 2.52 0.00	103.28 2.42 0.00	103.15 3.49 0.00	118.78 4.24 0.00	120.08 4.51 0.00	121.03 4.99 0.00	117.83 4.42 0.00	113.27 4.25 0.00	111.73 3.99 0.00	106.96 4.21 0.00	121.48 4.45 0.00	150.61 5.23 0.00	129.61 4.74 0.00	117.17 4.07 0.00	103.99 3.03 0.00	93.90 2.73 0.00	89.19 1.92 0.00	81.19 1.67 0.00
FARRAGUT___LBMP 323566	74.44 1.82 0.00	70.28 1.78 0.00	67.98 1.66 0.00	67.52 1.65 0.00	66.32 1.43 0.00	70.94 1.80 0.00	92.25 2.43 0.00	103.18 2.32 0.00	103.05 3.39 0.00	118.67 4.12 0.00	119.96 4.39 0.00	120.91 4.87 0.00	117.72 4.31 0.00	113.17 4.14 0.00	111.62 3.88 0.00	106.86 4.11 0.00	121.36 4.33 0.00	150.46 5.09 0.00	129.49 4.62 0.00	117.06 3.96 0.00	103.89 2.93 0.00	93.90 2.73 0.00	89.10 1.83 0.00	81.11 1.59 0.00
FENNER___WINDPWR 24204	72.98 0.36 0.00	68.91 0.41 0.00	66.66 0.33 0.00	66.27 0.40 0.00	65.35 0.46 0.00	69.70 0.55 0.00	91.80 1.97 0.00	103.47 2.62 0.00	102.16 2.49 0.00	115.58 1.03 0.00	116.61 1.04 0.00	116.96 0.92 0.00	114.31 0.90 0.00	109.89 0.87 0.00	108.51 0.76 0.00	103.57 0.82 0.00	117.96 0.93 0.00	146.25 0.88 0.00	125.49 0.63 0.00	113.67 0.57 0.00	102.38 1.41 0.00	91.89 0.73 0.00	87.96 0.69 0.00	80.15 0.63 0.00
FIBERTEK___ENERGY 23856	71.24 -1.38 0.00	67.20 -1.30 0.00	65.07 -1.26 0.00	64.68 -1.19 0.00	63.73 -1.17 0.00	67.76 -1.38 0.00	87.94 -1.89 0.00	99.65 -1.21 0.00	98.47 -1.20 0.00	113.06 -1.49 0.00	114.19 -1.39 0.00	114.42 -1.62 0.00	111.70 -1.70 0.00	107.50 -1.53 0.00	106.24 -1.51 0.00	100.80 -1.95 0.00	115.27 -1.76 0.00	143.77 -1.60 0.00	122.99 -1.87 0.00	111.40 -1.70 0.00	99.75 -1.21 0.00	89.61 -1.55 0.00	85.87 -1.40 0.00	78.33 -1.19 0.00
FITZPATRICK___ 23598	69.71 -2.91 0.00	65.76 -2.74 0.00	63.60 -2.72 0.00	63.17 -2.70 0.00	62.30 -2.60 0.00	66.31 -2.84 0.00	85.87 -3.95 0.00	97.02 -3.83 0.00	95.68 -3.99 0.00	109.96 -4.59 0.00	110.95 -4.63 0.00	111.28 -4.76 0.00	108.65 -4.76 0.00	104.45 -4.57 0.00	103.22 -4.52 0.00	98.44 -4.31 0.00	112.35 -4.68 0.00	139.70 -5.67 0.00	120.00 -4.87 0.00	108.69 -4.41 0.00	97.13 -3.84 0.00	87.42 -3.74 0.00	83.78 -3.49 0.00	76.42 -3.10 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	75.16 2.54 0.00	70.90 2.40 0.00	68.65 2.32 0.00	68.11 2.24 0.00	67.04 2.14 0.00	71.70 2.56 0.00	93.42 3.59 0.00	104.59 3.73 0.00	104.05 4.39 0.00	119.93 5.38 0.00	121.12 5.55 0.00	121.84 5.80 0.00	118.62 5.22 0.00	114.04 5.02 0.00	112.49 4.74 0.00	107.58 4.83 0.00	122.30 5.27 0.00	151.92 6.54 0.00	130.61 5.74 0.00	118.19 5.09 0.00	104.90 3.94 0.00	94.90 3.74 0.00	90.15 2.88 0.00	81.91 2.39 0.00
FORT ORANGE___ 23900	74.07 1.45 0.00	69.87 1.37 0.00	67.72 1.40 0.00	67.32 1.45 0.00	66.32 1.43 0.00	70.60 1.45 0.00	90.99 1.16 0.00	101.57 0.71 0.00	100.87 1.20 0.00	115.93 1.38 0.00	116.85 1.27 0.00	117.32 1.28 0.00	113.75 0.34 0.00	109.46 0.44 0.00	108.18 0.43 0.00	103.57 0.82 0.00	117.62 0.59 0.00	146.10 0.73 0.00	125.49 0.63 0.00	113.67 0.57 0.00	101.77 0.80 0.00	91.89 0.73 0.00	87.80 0.53 0.00	79.92 0.40 0.00
FORT_DRUM_COGEN 23780	73.78 1.16 0.00	69.39 0.89 0.00	67.05 0.73 0.00	66.40 0.53 0.00	65.74 0.84 0.00	70.04 0.90 0.00	91.17 1.35 0.00	103.88 3.03 0.00	102.95 3.29 0.00	118.67 4.12 0.00	120.77 5.20 0.00	120.91 4.87 0.00	118.06 4.65 0.00	113.49 4.47 0.00	111.62 3.88 0.00	105.73 2.98 0.00	120.54 3.51 0.00	150.75 5.38 0.00	129.11 4.25 0.00	117.29 4.18 0.00	104.30 3.33 0.00	93.81 2.64 0.00	89.45 2.18 0.00	81.27 1.75 0.00
FOX_HILLS___ESR 323835	74.22 1.60 0.00	70.01 1.51 0.00	67.98 1.66 0.00	67.65 1.78 0.00	66.45 1.56 0.00	70.46 1.31 0.00	91.61 1.80 0.01	102.46 1.61 0.01	102.05 2.39 0.01	117.40 2.86 0.01	118.80 3.24 0.01	119.63 3.60 0.01	116.35 2.95 0.01	111.96 2.94 0.01	110.43 2.69 0.01	105.51 2.77 0.01	120.18 3.16 0.01	149.00 3.63 0.01	128.36 3.50 0.01	116.03 2.94 0.01	103.08 2.12 0.01	93.07 1.91 0.01	88.22 0.96 0.01	80.63 1.11 0.00
FPL_FAR_ROCK_GT1 24212	77.12 4.50 0.00	72.54 4.04 0.00	69.97 3.65 0.00	69.42 3.55 0.00	68.27 3.37 0.00	72.81 3.66 0.00	95.12 5.30 0.00	104.38 3.53 0.00	105.85 6.18 0.00	120.50 5.95 0.00	123.08 7.51 0.00	124.63 8.59 0.00	121.58 8.17 0.00	117.09 8.07 0.00	115.72 7.97 0.00	110.88 8.12 -0.01	127.47 8.66 -1.78	153.80 8.43 0.00	133.11 8.24 0.00	144.74 8.37 -23.27	107.24 6.26 -0.01	97.46 6.29 -0.01	91.89 4.62 0.00	83.73 4.21 0.00
FPL_FAR_ROCK_GT2 23815	77.12 4.50 0.00	72.54 4.04 0.00	69.97 3.65 0.00	69.42 3.55 0.00	68.27 3.37 0.00	72.81 3.66 0.00	95.12 5.30 0.00	104.38 3.53 0.00	105.85 6.18 0.00	120.50 5.95 0.00	123.08 7.51 0.00	124.63 8.59 0.00	121.58 8.17 0.00	117.09 8.07 0.00	115.72 7.97 0.00	110.88 8.12 -0.01	127.47 8.66 -1.78	153.80 8.43 0.00	133.11 8.24 0.00	144.74 8.37 -23.27	107.24 6.26 -0.01	97.46 6.29 -0.01	91.89 4.62 0.00	83.73 4.21 0.00
FRANKLIN_FALL_HYD 24054	75.16 2.54 0.00	70.97 2.47 0.00	68.85 2.52 0.00	68.31 2.44 0.00	67.30 2.40 0.00	71.77 2.63 0.00	93.42 3.59 0.00	105.29 4.44 0.00	103.85 4.19 0.00	119.24 4.70 0.00	120.43 4.85 0.00	121.03 4.99 0.00	117.94 4.54 0.00	113.38 4.36 0.00	111.95 4.20 0.00	106.55 3.80 0.00	121.59 4.56 0.00	151.77 6.40 0.00	130.24 5.37 0.00	117.96 4.86 0.00	105.20 4.24 0.00	94.90 3.74 0.00	90.93 3.67 0.00	82.94 3.42 0.00



FREEPORT_EQUS_GT1 23764	76.39 3.77 0.00	71.92 3.42 0.00	69.38 3.05 0.00	68.84 2.97 0.00	67.62 2.73 0.00	72.18 3.04 0.00	94.22 4.40 0.00	102.67 1.82 0.00	104.35 4.69 0.00	118.66 4.12 0.00	120.65 5.08 0.00	122.19 6.15 0.00	119.19 5.78 0.00	114.80 5.77 0.00	113.56 5.81 0.00	108.82 6.06 -0.01	124.07 6.32 -0.73	150.76 5.38 0.00	130.61 5.75 0.00	128.65 6.10 -9.45	105.11 4.14 -0.01	96.46 5.29 -0.01	91.02 3.75 0.00	82.94 3.42 0.00
FREEPORT___CT2 23818	76.39 3.77 0.00	71.92 3.42 0.00	69.38 3.05 0.00	68.84 2.97 0.00	67.62 2.73 0.00	72.18 3.04 0.00	94.22 4.40 0.00	102.67 1.82 0.00	104.35 4.69 0.00	118.66 4.12 0.00	120.65 5.08 0.00	122.19 6.15 0.00	119.19 5.78 0.00	114.80 5.77 0.00	113.56 5.81 0.00	108.82 6.06 -0.01	124.07 6.32 -0.73	150.76 5.38 0.00	130.61 5.75 0.00	128.65 6.10 -9.45	105.11 4.14 -0.01	96.46 5.29 -0.01	91.02 3.75 0.00	82.94 3.42 0.00
FRESHKLS_33_KV_LOAD 356253	74.36 1.74 0.00	70.14 1.64 0.00	68.18 1.86 0.00	67.91 2.04 0.00	66.65 1.75 0.00	70.60 1.45 0.00	91.79 1.98 0.01	102.56 1.71 0.01	102.15 2.49 0.01	117.52 2.98 0.01	118.80 3.24 0.01	119.63 3.60 0.01	116.46 3.06 0.01	112.07 3.05 0.01	110.54 2.80 0.01	105.62 2.88 0.01	120.30 3.28 0.01	149.15 3.78 0.01	128.48 3.62 0.01	116.15 3.05 0.01	103.28 2.32 0.01	93.16 2.01 0.01	88.40 1.13 0.01	80.71 1.19 0.00
FULTON COGEN____ 23766	70.44 -2.18 0.00	66.38 -2.12 0.00	64.27 -2.06 0.00	63.89 -1.98 0.00	63.01 -1.88 0.00	66.93 -2.21 0.00	86.77 -3.05 0.00	100.05 -0.81 0.00	98.87 -0.80 0.00	113.63 -0.92 0.00	114.99 -0.58 0.00	115.00 -1.04 0.00	112.27 -1.13 0.00	108.04 -0.98 0.00	106.78 -0.97 0.00	99.46 -3.29 0.00	113.64 -3.39 0.00	141.59 -3.78 0.00	121.37 -3.50 0.00	109.93 -3.17 0.00	98.24 -2.73 0.00	88.43 -2.73 0.00	84.83 -2.44 0.00	77.37 -2.15 0.00
FULTON___LFGE 323630	74.36 1.74 0.00	70.21 1.71 0.00	67.91 1.59 0.00	67.52 1.65 0.00	66.71 1.81 0.00	71.42 2.28 0.00	93.51 3.68 0.00	104.79 3.93 0.00	103.55 3.88 0.00	117.75 3.20 0.00	118.46 2.89 0.00	118.59 2.55 0.00	115.67 2.27 0.00	111.42 2.40 0.00	110.23 2.48 0.00	106.75 4.00 0.00	121.48 4.45 0.00	151.76 6.39 0.00	129.99 5.12 0.00	117.74 4.64 0.00	104.70 3.74 0.00	93.81 2.65 0.00	89.71 2.44 0.00	81.19 1.67 0.00
G.F.CEMENT___DRP 24184	75.60 2.98 0.00	71.44 2.95 0.00	69.11 2.79 0.00	68.70 2.83 0.00	67.82 2.92 0.00	72.40 3.25 0.00	94.40 4.58 0.00	106.00 5.14 0.00	105.45 5.78 0.00	121.08 6.53 0.00	122.04 6.47 0.00	122.31 6.27 0.00	119.19 5.78 0.00	114.36 5.34 0.00	112.92 5.17 0.00	108.19 5.45 0.00	123.23 6.20 0.00	153.08 7.70 0.00	131.36 6.49 0.00	118.76 5.66 0.00	106.11 5.15 0.00	95.08 3.92 0.00	90.85 3.58 0.00	82.38 2.86 0.00
GARDENVILLE___LBMP 24039	70.88 -1.74 0.00	67.13 -1.37 0.00	64.80 -1.53 0.00	64.55 -1.32 0.00	63.92 -0.97 0.00	66.10 -3.04 0.00	83.89 -5.93 0.00	95.31 -5.55 0.00	94.08 -5.58 0.00	106.87 -7.67 0.00	107.83 -7.74 0.00	107.80 -8.24 0.00	105.01 -8.39 0.00	100.41 -8.61 0.00	99.99 -7.76 0.00	94.73 -8.01 0.00	109.54 -7.49 0.00	136.65 -8.72 0.00	116.25 -8.62 0.00	105.97 -7.13 0.00	95.81 -5.15 0.00	86.15 -5.01 0.00	84.39 -2.88 0.00	77.93 -1.59 0.00
GARDNVLA_35_KV_LD 355827	71.39 -1.23 0.00	67.54 -0.96 0.00	65.26 -1.06 0.00	64.95 -0.92 0.00	64.31 -0.58 0.00	66.59 -2.56 0.00	84.52 -5.30 0.00	96.02 -4.84 0.00	94.78 -4.88 0.00	107.67 -6.87 0.00	108.75 -6.82 0.00	108.73 -7.31 0.00	105.92 -7.48 0.00	101.28 -7.74 0.00	100.85 -6.90 0.00	95.45 -7.30 0.00	110.48 -6.55 0.00	137.81 -7.56 0.00	117.25 -7.62 0.00	106.88 -6.22 0.00	96.52 -4.44 0.00	86.88 -4.28 0.00	85.09 -2.18 0.00	78.49 -1.03 0.00
GELCKHM___115KV_LOAD 80723	70.88 -1.74 0.00	66.86 -1.64 0.00	64.73 -1.59 0.00	64.35 -1.51 0.00	63.40 -1.49 0.00	67.35 -1.80 0.00	87.40 -2.43 0.00	98.74 -2.12 0.00	97.57 -2.09 0.00	112.14 -2.41 0.00	113.15 -2.43 0.00	113.37 -2.67 0.00	110.80 -2.61 0.00	106.51 -2.51 0.00	105.27 -2.48 0.00	100.18 -2.57 0.00	114.46 -2.57 0.00	142.61 -2.76 0.00	122.12 -2.75 0.00	110.61 -2.49 0.00	98.94 -2.02 0.00	89.07 -2.10 0.00	85.35 -1.92 0.00	77.85 -1.67 0.00
GENERAL___MILLS 23808	71.17 -1.45 0.00	67.33 -1.16 0.00	65.07 -1.26 0.00	64.75 -1.12 0.00	64.12 -0.78 0.00	66.38 -2.77 0.00	84.16 -5.66 0.00	95.71 -5.14 0.00	94.48 -5.18 0.00	107.33 -7.22 0.00	108.29 -7.28 0.00	108.27 -7.77 0.00	105.47 -7.94 0.00	100.85 -8.18 0.00	100.42 -7.33 0.00	95.04 -7.71 0.00	110.01 -7.02 0.00	137.23 -8.14 0.00	116.75 -8.12 0.00	106.43 -6.67 0.00	96.12 -4.85 0.00	86.51 -4.65 0.00	84.74 -2.53 0.00	78.25 -1.27 0.00
GE_PLASTICS___DRP 24183	73.71 1.09 0.00	69.53 1.03 0.00	67.39 1.06 0.00	66.92 1.05 0.00	65.87 0.97 0.00	70.32 1.18 0.00	91.08 1.26 0.00	101.87 1.01 0.00	101.06 1.40 0.00	116.15 1.60 0.00	117.19 1.62 0.00	117.67 1.62 0.00	114.77 1.36 0.00	110.44 1.42 0.00	109.04 1.29 0.00	104.29 1.54 0.00	118.43 1.40 0.00	146.68 1.31 0.00	126.37 1.50 0.00	114.34 1.24 0.00	101.97 1.01 0.00	92.08 0.91 0.00	88.05 0.79 0.00	80.16 0.64 0.00
GILBOA___1 23756	73.71 1.09 0.00	69.59 1.09 0.00	67.38 1.06 0.00	66.92 1.05 0.00	65.87 0.97 0.00	70.25 1.10 0.00	91.35 1.53 0.00	101.97 1.11 0.00	100.96 1.29 0.00	116.27 1.72 0.00	117.19 1.62 0.00	117.78 1.74 0.00	115.11 1.70 0.00	110.66 1.64 0.00	109.25 1.51 0.00	104.49 1.75 0.00	117.96 0.93 0.00	146.25 0.88 0.00	125.86 0.99 0.00	114.00 0.90 0.00	101.87 0.91 0.00	92.35 1.18 0.00	88.32 1.05 0.00	80.32 0.80 0.00
GILBOA___2 23757	73.71 1.09 0.00	69.59 1.09 0.00	67.38 1.06 0.00	66.92 1.05 0.00	65.87 0.97 0.00	70.25 1.10 0.00	91.35 1.53 0.00	101.97 1.11 0.00	100.96 1.29 0.00	116.27 1.72 0.00	117.19 1.62 0.00	117.78 1.74 0.00	115.11 1.70 0.00	110.66 1.64 0.00	109.25 1.51 0.00	104.49 1.75 0.00	117.96 0.93 0.00	146.25 0.88 0.00	125.86 0.99 0.00	114.00 0.90 0.00	101.87 0.91 0.00	92.35 1.18 0.00	88.32 1.05 0.00	80.32 0.80 0.00
GILBOA___3 23758	73.71 1.09 0.00	69.59 1.09 0.00	67.38 1.06 0.00	66.92 1.05 0.00	65.87 0.97 0.00	70.25 1.10 0.00	91.35 1.53 0.00	101.97 1.11 0.00	100.96 1.29 0.00	116.27 1.72 0.00	117.19 1.62 0.00	117.78 1.74 0.00	115.11 1.70 0.00	110.66 1.64 0.00	109.25 1.51 0.00	104.49 1.75 0.00	117.96 0.93 0.00	146.25 0.88 0.00	125.86 0.99 0.00	114.00 0.90 0.00	101.87 0.91 0.00	92.35 1.18 0.00	88.32 1.05 0.00	80.32 0.80 0.00
GILBOA___4 23759	73.71 1.09 0.00	69.59 1.09 0.00	67.38 1.06 0.00	66.92 1.05 0.00	65.87 0.97 0.00	70.25 1.10 0.00	91.35 1.53 0.00	101.97 1.11 0.00	100.96 1.29 0.00	116.27 1.72 0.00	117.19 1.62 0.00	117.78 1.74 0.00	115.11 1.70 0.00	110.66 1.64 0.00	109.25 1.51 0.00	104.49 1.75 0.00	117.96 0.93 0.00	146.25 0.88 0.00	125.86 0.99 0.00	114.00 0.90 0.00	101.87 0.91 0.00	92.35 1.18 0.00	88.32 1.05 0.00	80.32 0.80 0.00



GILBOA____ 23599	73.71 1.09 0.00	69.60 1.10 0.00	67.32 0.99 0.00	66.86 0.99 0.00	65.87 0.97 0.00	70.32 1.18 0.00	91.35 1.53 0.00	102.07 1.21 0.00	100.96 1.30 0.00	116.38 1.83 0.00	117.31 1.73 0.00	117.78 1.74 0.00	115.11 1.70 0.00	110.77 1.74 0.00	109.36 1.62 0.00	104.50 1.75 0.00	118.20 1.17 0.00	146.25 0.87 0.00	126.12 1.25 0.00	114.23 1.13 0.00	101.97 1.01 0.00	92.35 1.19 0.00	88.32 1.05 0.00	80.32 0.80 0.00
GINNA____ 23603	68.26 -4.36 0.00	64.39 -4.11 0.00	62.15 -4.18 0.00	61.85 -4.02 0.00	61.13 -3.77 0.00	64.65 -4.49 0.00	82.72 -7.10 0.00	94.70 -6.16 0.00	92.88 -6.78 0.00	106.64 -7.90 0.00	107.25 -8.32 0.00	107.45 -8.59 0.00	105.01 -8.39 0.00	100.41 -8.61 0.00	99.99 -7.76 0.00	94.94 -7.81 0.00	109.19 -7.84 0.00	135.77 -9.60 0.00	116.50 -8.36 0.00	105.75 -7.35 0.00	94.70 -6.26 0.00	84.87 -6.29 0.00	81.77 -5.50 0.00	74.91 -4.61 0.00
GLEN PARK____ 23778	74.00 1.38 0.00	69.59 1.09 0.00	67.25 0.93 0.00	66.59 0.73 0.00	65.93 1.04 0.00	70.39 1.25 0.00	91.62 1.80 0.00	104.48 3.63 0.00	103.45 3.79 0.00	119.24 4.70 0.00	121.23 5.66 0.00	121.38 5.34 0.00	118.51 5.11 0.00	113.93 4.91 0.00	112.06 4.31 0.00	106.13 3.39 0.00	121.36 4.33 0.00	151.62 6.25 0.00	130.23 5.37 0.00	118.19 5.09 0.00	105.01 4.04 0.00	94.26 3.10 0.00	89.80 2.53 0.00	81.51 1.99 0.00
GLENDALE_27_KV_LOAD 356172	74.65 2.03 0.00	70.42 1.92 0.00	68.25 1.92 0.00	67.78 1.91 0.00	66.58 1.69 0.00	70.94 1.80 0.00	92.15 2.34 0.01	103.07 2.22 0.01	102.95 3.29 0.01	118.55 4.01 0.01	119.84 4.28 0.01	120.79 4.76 0.01	117.59 4.20 0.01	113.05 4.03 0.01	111.51 3.77 0.01	106.75 4.01 0.01	121.35 4.33 0.01	150.45 5.09 0.01	129.48 4.62 0.01	117.05 3.96 0.01	103.88 2.93 0.01	93.80 2.64 0.01	89.01 1.75 0.01	81.27 1.75 0.00
GLENWOOD_IC_1_G5 23712	75.60 2.98 0.00	71.24 2.74 0.00	68.78 2.45 0.00	68.24 2.37 0.00	67.10 2.21 0.00	71.91 2.77 0.00	93.51 3.68 0.00	103.78 2.92 0.00	103.55 3.89 0.00	118.90 4.35 0.00	121.12 5.55 0.00	122.31 6.27 0.00	119.08 5.67 0.00	114.69 5.67 0.00	113.13 5.39 0.00	108.40 5.65 0.00	123.73 6.20 -0.49	151.33 5.96 0.00	130.74 5.87 0.00	125.25 5.77 -6.38	105.61 4.64 0.00	95.45 4.28 0.00	90.32 3.05 0.00	82.23 2.70 0.00
GLENWOOD_IC_2_G1 23688	75.16 2.54 0.00	70.83 2.33 0.00	68.51 2.19 0.00	68.04 2.17 0.00	66.84 1.95 0.00	71.29 2.15 0.00	92.96 3.14 0.00	102.98 2.12 0.00	103.75 4.09 0.00	118.66 4.12 0.00	120.54 4.97 0.00	121.73 5.68 0.00	118.51 5.11 0.00	113.93 4.91 0.00	112.60 4.85 0.00	107.79 5.03 -0.01	122.44 5.14 -0.26	150.90 5.52 0.00	129.99 5.12 0.00	121.45 4.97 -3.38	104.50 3.53 -0.01	94.82 3.65 -0.01	89.80 2.53 0.00	81.75 2.22 0.00
GLENWOOD_IC_3_G1 23689	75.16 2.54 0.00	70.83 2.33 0.00	68.51 2.19 0.00	68.04 2.17 0.00	66.84 1.95 0.00	71.29 2.15 0.00	92.96 3.14 0.00	102.98 2.12 0.00	103.75 4.09 0.00	118.66 4.12 0.00	120.54 4.97 0.00	121.73 5.68 0.00	118.51 5.11 0.00	113.93 4.91 0.00	112.60 4.85 0.00	107.79 5.03 -0.01	122.44 5.14 -0.26	150.90 5.52 0.00	129.99 5.12 0.00	121.45 4.97 -3.38	104.50 3.53 -0.01	94.82 3.65 -0.01	89.80 2.53 0.00	81.75 2.22 0.00
GLENWOOD____4 23550	75.60 2.98 0.00	71.24 2.74 0.00	68.78 2.45 0.00	68.24 2.37 0.00	67.10 2.21 0.00	71.91 2.77 0.00	93.51 3.68 0.00	103.78 2.92 0.00	103.55 3.89 0.00	118.90 4.35 0.00	121.12 5.55 0.00	122.31 6.27 0.00	119.08 5.67 0.00	114.69 5.67 0.00	113.13 5.39 0.00	108.40 5.65 0.00	123.73 6.20 -0.49	151.33 5.96 0.00	130.74 5.87 0.00	125.25 5.77 -6.38	105.61 4.64 0.00	95.45 4.28 0.00	90.32 3.05 0.00	82.23 2.70 0.00
GLENWOOD____5 23614	75.60 2.98 0.00	71.24 2.74 0.00	68.78 2.45 0.00	68.24 2.37 0.00	67.10 2.21 0.00	71.91 2.77 0.00	93.51 3.68 0.00	103.78 2.92 0.00	103.55 3.89 0.00	118.90 4.35 0.00	121.12 5.55 0.00	122.31 6.27 0.00	119.08 5.67 0.00	114.69 5.67 0.00	113.13 5.39 0.00	108.40 5.65 0.00	123.73 6.20 -0.49	151.33 5.96 0.00	130.74 5.87 0.00	125.25 5.77 -6.38	105.61 4.64 0.00	95.45 4.28 0.00	90.32 3.05 0.00	82.23 2.70 0.00
GLOBAL GREEN_PORT_GT1 23814	79.74 7.12 0.00	74.73 6.23 0.00	71.63 5.31 0.00	70.87 5.00 0.00	69.37 4.47 0.00	73.98 4.84 0.00	94.85 5.03 0.00	100.86 0.00 0.00	105.24 5.58 0.00	119.93 5.38 0.00	122.98 7.40 0.00	125.21 9.17 0.00	122.48 9.08 0.00	117.96 8.94 0.00	116.47 8.72 0.00	111.18 8.43 -0.01	125.57 8.43 -0.11	149.44 4.06 0.00	131.61 6.74 0.00	122.11 7.69 -1.32	105.11 4.14 -0.01	94.09 2.92 -0.01	88.75 1.48 0.00	81.83 2.31 0.00
GLOBE____DSASP 323697	69.72 -2.90 0.00	66.17 -2.33 0.00	63.87 -2.45 0.00	63.63 -2.24 0.00	63.01 -1.88 0.00	63.75 -5.39 0.00	80.39 -9.43 0.00	91.17 -9.68 0.00	90.10 -9.57 0.00	102.29 -12.26 0.00	103.09 -12.48 0.00	103.04 -13.00 0.00	100.59 -12.81 0.00	96.16 -12.86 0.00	95.89 -11.85 0.00	90.73 -12.02 0.00	104.86 -12.17 0.00	130.40 -14.97 0.00	111.01 -13.86 0.00	101.34 -11.76 0.00	91.78 -9.19 0.00	82.78 -8.39 0.00	81.34 -5.93 0.00	75.23 -4.29 0.00
GOETHSLN____LBMP 323567	74.00 1.38 0.00	69.87 1.37 0.00	67.59 1.26 0.00	67.12 1.25 0.00	65.94 1.04 0.00	70.60 1.45 0.00	91.80 1.98 0.00	102.57 1.71 0.00	102.46 2.79 0.00	117.98 3.44 0.00	119.27 3.70 0.00	120.22 4.18 0.00	117.03 3.63 0.00	112.51 3.49 0.00	110.98 3.23 0.00	106.24 3.49 0.00	120.77 3.74 0.00	149.73 4.36 0.00	128.86 4.00 0.00	116.49 3.39 0.00	103.29 2.32 0.00	93.35 2.19 0.00	88.58 1.31 0.00	80.63 1.11 0.00
GOLAH____69_KV_TB 1_2 80279	71.39 -1.23 0.00	67.47 -1.03 0.00	65.26 -1.06 0.00	64.95 -0.92 0.00	64.25 -0.65 0.00	67.14 -2.01 0.00	85.60 -4.22 0.00	97.02 -3.83 0.00	96.08 -3.59 0.00	109.51 -5.04 0.00	110.14 -5.43 0.00	110.12 -5.92 0.00	107.51 -5.90 0.00	102.70 -6.32 0.00	102.36 -5.39 0.00	96.99 -5.75 0.00	111.76 -5.27 0.00	139.70 -5.67 0.00	119.12 -5.74 0.00	108.46 -4.64 0.00	97.53 -3.43 0.00	87.88 -3.28 0.00	85.26 -2.01 0.00	78.41 -1.11 0.00
GOODYEAR_LAKE_HYD 323669	73.85 1.23 0.00	69.73 1.23 0.00	67.45 1.13 0.00	66.92 1.05 0.00	66.06 1.17 0.00	70.67 1.52 0.00	92.16 2.34 0.00	103.98 3.13 0.00	103.15 3.49 0.00	118.67 4.12 0.00	119.85 4.28 0.00	120.45 4.41 0.00	117.60 4.20 0.00	113.06 4.03 0.00	111.41 3.66 0.00	105.63 2.88 0.00	120.07 3.04 0.00	149.15 3.78 0.00	128.24 3.37 0.00	116.15 3.05 0.00	103.49 2.52 0.00	93.17 2.01 0.00	88.93 1.66 0.00	80.79 1.27 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	71.31 -1.31 0.00	67.33 -1.16 0.00	65.13 -1.19 0.00	64.81 -1.05 0.00	63.99 -0.91 0.00	67.76 -1.38 0.00	87.76 -2.07 0.00	99.55 -1.31 0.00	98.17 -1.49 0.00	112.26 -2.29 0.00	113.38 -2.20 0.00	113.49 -2.55 0.00	110.68 -2.72 0.00	106.41 -2.62 0.00	105.27 -2.48 0.00	100.08 -2.67 0.00	115.04 -1.99 0.00	143.63 -1.74 0.00	122.62 -2.25 0.00	111.18 -1.92 0.00	99.75 -1.21 0.00	89.43 -1.73 0.00	86.05 -1.22 0.00	78.73 -0.80 0.00



GOUDEY___7 23579	71.31 -1.31 0.00	67.33 -1.16 0.00	65.13 -1.19 0.00	64.81 -1.05 0.00	63.99 -0.91 0.00	67.76 -1.38 0.00	87.76 -2.07 0.00	99.55 -1.31 0.00	98.17 -1.49 0.00	112.26 -2.29 0.00	113.38 -2.20 0.00	113.49 -2.55 0.00	110.68 -2.72 0.00	106.41 -2.62 0.00	105.27 -2.48 0.00	100.08 -2.67 0.00	115.04 -1.99 0.00	143.63 -1.74 0.00	122.62 -2.25 0.00	111.18 -1.92 0.00	99.75 -1.21 0.00	89.43 -1.73 0.00	86.05 -1.22 0.00	78.73 -0.80 0.00
GOUDEY___8 23580	71.31 -1.31 0.00	67.33 -1.16 0.00	65.13 -1.19 0.00	64.81 -1.05 0.00	63.99 -0.91 0.00	67.76 -1.38 0.00	87.76 -2.07 0.00	99.55 -1.31 0.00	98.17 -1.49 0.00	112.26 -2.29 0.00	113.38 -2.20 0.00	113.49 -2.55 0.00	110.68 -2.72 0.00	106.41 -2.62 0.00	105.27 -2.48 0.00	100.08 -2.67 0.00	115.04 -1.99 0.00	143.63 -1.74 0.00	122.62 -2.25 0.00	111.18 -1.92 0.00	99.75 -1.21 0.00	89.43 -1.73 0.00	86.05 -1.22 0.00	78.73 -0.80 0.00
GOWANUS_GT1_1 24077	74.36 1.74 0.00	70.14 1.64 0.00	68.05 1.72 0.00	67.65 1.78 0.00	66.39 1.49 0.00	70.60 1.45 0.00	91.79 1.98 0.01	102.66 1.82 0.01	102.35 2.69 0.01	117.75 3.21 0.01	119.15 3.58 0.01	119.98 3.95 0.01	116.80 3.40 0.01	112.29 3.27 0.01	110.75 3.02 0.01	105.93 3.19 0.01	120.53 3.51 0.01	149.44 4.07 0.01	128.73 3.87 0.01	116.37 3.28 0.01	103.28 2.32 0.01	93.25 2.10 0.01	88.48 1.22 0.01	80.79 1.27 0.00
GOWANUS_GT1_2 24078	74.36 1.74 0.00	70.14 1.64 0.00	68.05 1.72 0.00	67.65 1.78 0.00	66.39 1.49 0.00	70.60 1.45 0.00	91.79 1.98 0.01	102.66 1.82 0.01	102.35 2.69 0.01	117.75 3.21 0.01	119.15 3.58 0.01	119.98 3.95 0.01	116.80 3.40 0.01	112.29 3.27 0.01	110.75 3.02 0.01	105.93 3.19 0.01	120.53 3.51 0.01	149.44 4.07 0.01	128.73 3.87 0.01	116.37 3.28 0.01	103.28 2.32 0.01	93.25 2.10 0.01	88.48 1.22 0.01	80.79 1.27 0.00
GOWANUS_GT1_3 24079	74.36 1.74 0.00	70.14 1.64 0.00	68.05 1.72 0.00	67.65 1.78 0.00	66.39 1.49 0.00	70.60 1.45 0.00	91.79 1.98 0.01	102.66 1.82 0.01	102.35 2.69 0.01	117.75 3.21 0.01	119.15 3.58 0.01	119.98 3.95 0.01	116.80 3.40 0.01	112.29 3.27 0.01	110.75 3.02 0.01	105.93 3.19 0.01	120.53 3.51 0.01	149.44 4.07 0.01	128.73 3.87 0.01	116.37 3.28 0.01	103.28 2.32 0.01	93.25 2.10 0.01	88.48 1.22 0.01	80.79 1.27 0.00
GOWANUS_GT1_4 24080	74.36 1.74 0.00	70.14 1.64 0.00	68.05 1.72 0.00	67.65 1.78 0.00	66.39 1.49 0.00	70.60 1.45 0.00	91.79 1.98 0.01	102.66 1.82 0.01	102.35 2.69 0.01	117.75 3.21 0.01	119.15 3.58 0.01	119.98 3.95 0.01	116.80 3.40 0.01	112.29 3.27 0.01	110.75 3.02 0.01	105.93 3.19 0.01	120.53 3.51 0.01	149.44 4.07 0.01	128.73 3.87 0.01	116.37 3.28 0.01	103.28 2.32 0.01	93.25 2.10 0.01	88.48 1.22 0.01	80.79 1.27 0.00
GOWANUS_GT1_5 24084	74.36 1.74 0.00	70.14 1.64 0.00	68.05 1.72 0.00	67.65 1.78 0.00	66.39 1.49 0.00	70.60 1.45 0.00	91.79 1.98 0.01	102.66 1.82 0.01	102.35 2.69 0.01	117.75 3.21 0.01	119.15 3.58 0.01	119.98 3.95 0.01	116.80 3.40 0.01	112.29 3.27 0.01	110.75 3.02 0.01	105.93 3.19 0.01	120.53 3.51 0.01	149.44 4.07 0.01	128.73 3.87 0.01	116.37 3.28 0.01	103.28 2.32 0.01	93.25 2.10 0.01	88.48 1.22 0.01	80.79 1.27 0.00
GOWANUS_GT1_6 24111	74.36 1.74 0.00	70.14 1.64 0.00	68.05 1.72 0.00	67.65 1.78 0.00	66.39 1.49 0.00	70.60 1.45 0.00	91.79 1.98 0.01	102.66 1.82 0.01	102.35 2.69 0.01	117.75 3.21 0.01	119.15 3.58 0.01	119.98 3.95 0.01	116.80 3.40 0.01	112.29 3.27 0.01	110.75 3.02 0.01	105.93 3.19 0.01	120.53 3.51 0.01	149.44 4.07 0.01	128.73 3.87 0.01	116.37 3.28 0.01	103.28 2.32 0.01	93.25 2.10 0.01	88.48 1.22 0.01	80.79 1.27 0.00
GOWANUS_GT1_7 24112	74.36 1.74 0.00	70.14 1.64 0.00	68.05 1.72 0.00	67.65 1.78 0.00	66.39 1.49 0.00	70.60 1.45 0.00	91.79 1.98 0.01	102.66 1.82 0.01	102.35 2.69 0.01	117.75 3.21 0.01	119.15 3.58 0.01	119.98 3.95 0.01	116.80 3.40 0.01	112.29 3.27 0.01	110.75 3.02 0.01	105.93 3.19 0.01	120.53 3.51 0.01	149.44 4.07 0.01	128.73 3.87 0.01	116.37 3.28 0.01	103.28 2.32 0.01	93.25 2.10 0.01	88.48 1.22 0.01	80.79 1.27 0.00
GOWANUS_GT1_8 24113	74.36 1.74 0.00	70.14 1.64 0.00	68.05 1.72 0.00	67.65 1.78 0.00	66.39 1.49 0.00	70.60 1.45 0.00	91.79 1.98 0.01	102.66 1.82 0.01	102.35 2.69 0.01	117.75 3.21 0.01	119.15 3.58 0.01	119.98 3.95 0.01	116.80 3.40 0.01	112.29 3.27 0.01	110.75 3.02 0.01	105.93 3.19 0.01	120.53 3.51 0.01	149.44 4.07 0.01	128.73 3.87 0.01	116.37 3.28 0.01	103.28 2.32 0.01	93.25 2.10 0.01	88.48 1.22 0.01	80.79 1.27 0.00
GOWANUS_GT2_1 24114	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00
GOWANUS_GT2_2 24115	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00
GOWANUS_GT2_3 24116	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00
GOWANUS_GT2_4 24117	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00
GOWANUS_GT2_5 24118	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00



GOWANUS_GT2_6 24119	74.29 <u>1.67</u> 0.00	70.14 <u>1.64</u> 0.00	68.25 <u>1.92</u> 0.00	67.71 <u>1.84</u> 0.00	66.45 <u>1.55</u> 0.00	70.25 <u>1.10</u> 0.00	91.88 <u>2.07</u> 0.01	102.36 <u>1.52</u> 0.01	102.55 <u>2.89</u> 0.01	117.86 <u>3.32</u> 0.01	119.15 <u>3.59</u> 0.01	120.09 <u>4.06</u> 0.01	116.80 <u>3.40</u> 0.01	112.28 <u>3.27</u> 0.01	110.86 <u>3.13</u> 0.01	105.82 <u>3.08</u> 0.01	120.29 <u>3.27</u> 0.01	149.58 <u>4.22</u> 0.01	128.48 <u>3.62</u> 0.01	116.25 <u>3.16</u> 0.01	103.17 <u>2.22</u> 0.01	93.25 <u>2.10</u> 0.01	88.57 <u>1.31</u> 0.01	80.79 <u>1.27</u> 0.00
GOWANUS_GT2_7 24120	74.29 <u>1.67</u> 0.00	70.14 <u>1.64</u> 0.00	68.25 <u>1.92</u> 0.00	67.71 <u>1.84</u> 0.00	66.45 <u>1.55</u> 0.00	70.25 <u>1.10</u> 0.00	91.88 <u>2.07</u> 0.01	102.36 <u>1.52</u> 0.01	102.55 <u>2.89</u> 0.01	117.86 <u>3.32</u> 0.01	119.15 <u>3.59</u> 0.01	120.09 <u>4.06</u> 0.01	116.80 <u>3.40</u> 0.01	112.28 <u>3.27</u> 0.01	110.86 <u>3.13</u> 0.01	105.82 <u>3.08</u> 0.01	120.29 <u>3.27</u> 0.01	149.58 <u>4.22</u> 0.01	128.48 <u>3.62</u> 0.01	116.25 <u>3.16</u> 0.01	103.17 <u>2.22</u> 0.01	93.25 <u>2.10</u> 0.01	88.57 <u>1.31</u> 0.01	80.79 <u>1.27</u> 0.00
GOWANUS_GT2_8 24121	74.29 <u>1.67</u> 0.00	70.14 <u>1.64</u> 0.00	68.25 <u>1.92</u> 0.00	67.71 <u>1.84</u> 0.00	66.45 <u>1.55</u> 0.00	70.25 <u>1.10</u> 0.00	91.88 <u>2.07</u> 0.01	102.36 <u>1.52</u> 0.01	102.55 <u>2.89</u> 0.01	117.86 <u>3.32</u> 0.01	119.15 <u>3.59</u> 0.01	120.09 <u>4.06</u> 0.01	116.80 <u>3.40</u> 0.01	112.28 <u>3.27</u> 0.01	110.86 <u>3.13</u> 0.01	105.82 <u>3.08</u> 0.01	120.29 <u>3.27</u> 0.01	149.58 <u>4.22</u> 0.01	128.48 <u>3.62</u> 0.01	116.25 <u>3.16</u> 0.01	103.17 <u>2.22</u> 0.01	93.25 <u>2.10</u> 0.01	88.57 <u>1.31</u> 0.01	80.79 <u>1.27</u> 0.00
GOWANUS_GT3_1 24122	74.29 <u>1.67</u> 0.00	70.14 <u>1.64</u> 0.00	68.25 <u>1.92</u> 0.00	67.71 <u>1.84</u> 0.00	66.45 <u>1.55</u> 0.00	70.25 <u>1.10</u> 0.00	91.88 <u>2.07</u> 0.01	102.36 <u>1.52</u> 0.01	102.55 <u>2.89</u> 0.01	117.86 <u>3.32</u> 0.01	119.15 <u>3.59</u> 0.01	120.09 <u>4.06</u> 0.01	116.80 <u>3.40</u> 0.01	112.28 <u>3.27</u> 0.01	110.86 <u>3.13</u> 0.01	105.82 <u>3.08</u> 0.01	120.29 <u>3.27</u> 0.01	149.58 <u>4.22</u> 0.01	128.48 <u>3.62</u> 0.01	116.25 <u>3.16</u> 0.01	103.17 <u>2.22</u> 0.01	93.25 <u>2.10</u> 0.01	88.57 <u>1.31</u> 0.01	80.79 <u>1.27</u> 0.00
GOWANUS_GT3_2 24123	74.29 <u>1.67</u> 0.00	70.14 <u>1.64</u> 0.00	68.25 <u>1.92</u> 0.00	67.71 <u>1.84</u> 0.00	66.45 <u>1.55</u> 0.00	70.25 <u>1.10</u> 0.00	91.88 <u>2.07</u> 0.01	102.36 <u>1.52</u> 0.01	102.55 <u>2.89</u> 0.01	117.86 <u>3.32</u> 0.01	119.15 <u>3.59</u> 0.01	120.09 <u>4.06</u> 0.01	116.80 <u>3.40</u> 0.01	112.28 <u>3.27</u> 0.01	110.86 <u>3.13</u> 0.01	105.82 <u>3.08</u> 0.01	120.29 <u>3.27</u> 0.01	149.58 <u>4.22</u> 0.01	128.48 <u>3.62</u> 0.01	116.25 <u>3.16</u> 0.01	103.17 <u>2.22</u> 0.01	93.25 <u>2.10</u> 0.01	88.57 <u>1.31</u> 0.01	80.79 <u>1.27</u> 0.00
GOWANUS_GT3_3 24124	74.29 <u>1.67</u> 0.00	70.14 <u>1.64</u> 0.00	68.25 <u>1.92</u> 0.00	67.71 <u>1.84</u> 0.00	66.45 <u>1.55</u> 0.00	70.25 <u>1.10</u> 0.00	91.88 <u>2.07</u> 0.01	102.36 <u>1.52</u> 0.01	102.55 <u>2.89</u> 0.01	117.86 <u>3.32</u> 0.01	119.15 <u>3.59</u> 0.01	120.09 <u>4.06</u> 0.01	116.80 <u>3.40</u> 0.01	112.28 <u>3.27</u> 0.01	110.86 <u>3.13</u> 0.01	105.82 <u>3.08</u> 0.01	120.29 <u>3.27</u> 0.01	149.58 <u>4.22</u> 0.01	128.48 <u>3.62</u> 0.01	116.25 <u>3.16</u> 0.01	103.17 <u>2.22</u> 0.01	93.25 <u>2.10</u> 0.01	88.57 <u>1.31</u> 0.01	80.79 <u>1.</u>



GOWANUS_GT4_5 24134	74.36 1.74 0.00	70.14 1.64 0.00	68.05 1.72 0.00	67.65 1.78 0.00	66.39 1.49 0.00	70.60 1.45 0.00	91.79 1.98 0.01	102.66 1.82 0.01	102.35 2.69 0.01	117.75 3.21 0.01	119.15 3.58 0.01	119.98 3.95 0.01	116.80 3.40 0.01	112.29 3.27 0.01	110.75 3.02 0.01	105.93 3.19 0.01	120.53 3.51 0.01	149.44 4.07 0.01	128.73 3.87 0.01	116.37 3.28 0.01	103.28 2.32 0.01	93.25 2.10 0.01	88.48 1.22 0.01	80.79 1.27 0.00
GOWANUS_GT4_6 24135	74.36 1.74 0.00	70.14 1.64 0.00	68.05 1.72 0.00	67.65 1.78 0.00	66.39 1.49 0.00	70.60 1.45 0.00	91.79 1.98 0.01	102.66 1.82 0.01	102.35 2.69 0.01	117.75 3.21 0.01	119.15 3.58 0.01	119.98 3.95 0.01	116.80 3.40 0.01	112.29 3.27 0.01	110.75 3.02 0.01	105.93 3.19 0.01	120.53 3.51 0.01	149.44 4.07 0.01	128.73 3.87 0.01	116.37 3.28 0.01	103.28 2.32 0.01	93.25 2.10 0.01	88.48 1.22 0.01	80.79 1.27 0.00
GOWANUS_GT4_7 24136	74.36 1.74 0.00	70.14 1.64 0.00	68.05 1.72 0.00	67.65 1.78 0.00	66.39 1.49 0.00	70.60 1.45 0.00	91.79 1.98 0.01	102.66 1.82 0.01	102.35 2.69 0.01	117.75 3.21 0.01	119.15 3.58 0.01	119.98 3.95 0.01	116.80 3.40 0.01	112.29 3.27 0.01	110.75 3.02 0.01	105.93 3.19 0.01	120.53 3.51 0.01	149.44 4.07 0.01	128.73 3.87 0.01	116.37 3.28 0.01	103.28 2.32 0.01	93.25 2.10 0.01	88.48 1.22 0.01	80.79 1.27 0.00
GOWANUS_GT4_8 24137	74.36 1.74 0.00	70.14 1.64 0.00	68.05 1.72 0.00	67.65 1.78 0.00	66.39 1.49 0.00	70.60 1.45 0.00	91.79 1.98 0.01	102.66 1.82 0.01	102.35 2.69 0.01	117.75 3.21 0.01	119.15 3.58 0.01	119.98 3.95 0.01	116.80 3.40 0.01	112.29 3.27 0.01	110.75 3.02 0.01	105.93 3.19 0.01	120.53 3.51 0.01	149.44 4.07 0.01	128.73 3.87 0.01	116.37 3.28 0.01	103.28 2.32 0.01	93.25 2.10 0.01	88.48 1.22 0.01	80.79 1.27 0.00
GREATVR_69_KV_BK1 356245	78.36 5.74 0.00	73.57 5.07 0.00	70.77 4.44 0.00	70.28 4.41 0.00	68.99 4.09 0.00	74.26 5.12 0.00	96.29 6.47 0.00	105.19 4.34 0.00	104.75 5.08 0.00	119.70 5.15 0.00	122.97 7.40 0.00	124.63 8.59 0.00	121.34 7.94 0.00	117.42 8.39 0.00	115.93 8.19 0.00	111.58 8.84 0.00	127.26 10.06 -0.16	152.50 7.12 0.00	133.23 8.37 0.00	122.74 7.58 -2.06	108.94 7.98 0.00	98.00 6.84 0.00	92.94 5.67 0.00	84.53 5.01 0.00
GREENBSH_115KV_TB3 55895	73.64 1.02 0.00	69.46 0.96 0.00	67.32 0.99 0.00	66.86 0.99 0.00	65.87 0.97 0.00	70.25 1.11 0.00	90.90 1.08 0.00	101.66 0.81 0.00	101.16 1.49 0.00	116.38 1.83 0.00	117.31 1.73 0.00	117.90 1.86 0.00	114.54 1.13 0.00	110.22 1.20 0.00	108.93 1.19 0.00	104.19 1.44 0.00	118.32 1.29 0.00	146.54 1.16 0.00	126.24 1.37 0.00	114.23 1.13 0.00	101.77 0.81 0.00	91.89 0.73 0.00	87.79 0.52 0.00	79.92 0.40 0.00
GREENDGE_115KV_TB5 80291	73.27 0.65 0.00	69.05 0.55 0.00	66.72 0.40 0.00	66.46 0.59 0.00	65.68 0.78 0.00	69.35 0.21 0.00	90.27 0.45 0.00	102.57 1.71 0.00	101.26 1.59 0.00	116.04 1.49 0.00	116.96 1.39 0.00	116.74 0.70 0.00	113.86 0.45 0.00	109.35 0.33 0.00	108.28 0.54 0.00	102.85 0.10 0.00	118.55 1.52 0.00	148.72 3.34 0.00	126.49 1.62 0.00	114.57 1.47 0.00	102.68 1.72 0.00	91.98 0.82 0.00	88.32 1.05 0.00	80.71 1.19 0.00
GREENIDGE___3 23582	73.27 0.65 0.00	69.05 0.55 0.00	66.72 0.40 0.00	66.46 0.59 0.00	65.68 0.78 0.00	69.35 0.21 0.00	90.27 0.45 0.00	102.57 1.71 0.00	101.26 1.59 0.00	116.04 1.49 0.00	116.96 1.39 0.00	116.74 0.70 0.00	113.86 0.45 0.00	109.35 0.33 0.00	108.28 0.54 0.00	102.85 0.10 0.00	118.55 1.52 0.00	148.72 3.34 0.00	126.49 1.62 0.00	114.57 1.47 0.00	102.68 1.72 0.00	91.98 0.82 0.00	88.32 1.05 0.00	80.71 1.19 0.00
GREENIDGE___4 23583	73.06 0.44 0.00	68.77 0.28 0.00	66.39 0.07 0.00	66.07 0.20 0.00	65.22 0.33 0.00	69.63 0.49 0.00	90.27 0.45 0.00	103.78 2.93 0.00	101.76 2.10 0.00	116.37 1.83 0.00	117.19 1.62 0.00	117.08 1.04 0.00	113.98 0.57 0.00	109.68 0.66 0.00	108.51 0.76 0.00	103.26 0.52 0.00	119.02 1.99 0.00	148.86 3.48 0.00	127.36 2.50 0.00	115.24 2.14 0.00	103.29 2.32 0.00	92.08 0.91 0.00	88.23 0.96 0.00	80.72 1.19 0.00
GREENLWN_69_KV_BK 3 55738	76.47 3.85 0.00	71.86 3.36 0.00	69.18 2.85 0.00	68.64 2.77 0.00	67.43 2.53 0.00	72.53 3.39 0.00	93.95 4.13 0.00	102.47 1.61 0.00	101.66 1.99 0.00	115.69 1.15 0.00	118.58 3.00 0.00	120.10 4.06 0.00	117.03 3.63 0.00	113.27 4.25 0.00	111.62 3.88 0.00	107.37 4.62 0.00	122.21 5.03 -0.14	146.83 1.45 0.00	128.49 3.62 0.00	119.77 4.86 -1.80	104.80 3.84 0.00	95.45 4.28 0.00	90.67 3.40 0.00	82.46 2.94 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	74.36 1.74 0.00	70.14 1.64 0.00	68.05 1.72 0.00	67.65 1.78 0.00	66.39 1.49 0.00	70.60 1.45 0.00	91.79 1.98 0.01	102.66 1.82 0.01	102.35 2.69 0.01	117.75 3.21 0.01	119.15 3.58 0.01	119.98 3.95 0.01	116.80 3.40 0.01	112.29 3.27 0.01	110.75 3.02 0.01	105.93 3.19 0.01	120.53 3.51 0.01	149.44 4.07 0.01	128.73 3.87 0.01	116.37 3.28 0.01	103.28 2.32 0.01	93.25 2.10 0.01	88.48 1.22 0.01	80.79 1.27 0.00
GRISSOM___SOLAR 323813	74.73 2.11 0.00	70.49 1.99 0.00	68.18 1.85 0.00	67.78 1.91 0.00	66.97 2.08 0.00	71.63 2.49 0.00	93.68 3.86 0.00	104.99 4.14 0.00	103.66 3.99 0.00	117.98 3.43 0.00	118.69 3.12 0.00	118.94 2.90 0.00	116.02 2.61 0.00	111.75 2.73 0.00	110.54 2.80 0.00	107.06 4.31 0.00	121.83 4.80 0.00	151.92 6.55 0.00	130.23 5.37 0.00	117.96 4.86 0.00	105.01 4.04 0.00	94.08 2.92 0.00	89.98 2.71 0.00	81.51 1.99 0.00
GROVEVILLE___HYD 323602	75.16 2.54 0.00	70.90 2.40 0.00	68.65 2.32 0.00	68.11 2.24 0.00	67.04 2.14 0.00	71.70 2.56 0.00	93.42 3.59 0.00	104.59 3.73 0.00	104.05 4.39 0.00	119.93 5.38 0.00	121.12 5.55 0.00	121.84 5.80 0.00	118.62 5.22 0.00	114.04 5.02 0.00	112.49 4.74 0.00	107.58 4.83 0.00	122.30 5.27 0.00	151.92 6.54 0.00	130.61 5.74 0.00	118.19 5.09 0.00	104.90 3.94 0.00	94.90 3.74 0.00	90.15 2.88 0.00	81.91 2.39 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	71.24 -1.38 0.00	67.20 -1.30 0.00	65.07 -1.26 0.00	64.68 -1.19 0.00	63.73 -1.17 0.00	67.76 -1.38 0.00	87.94 -1.89 0.00	99.65 -1.21 0.00	98.47 -1.20 0.00	113.06 -1.49 0.00	114.19 -1.39 0.00	114.42 -1.62 0.00	111.70 -1.70 0.00	107.50 -1.53 0.00	106.24 -1.51 0.00	100.80 -1.95 0.00	115.27 -1.76 0.00	143.77 -1.60 0.00	122.99 -1.87 0.00	111.40 -1.70 0.00	99.75 -1.21 0.00	89.61 -1.55 0.00	85.87 -1.40 0.00	78.33 -1.19 0.00
HAMLTNNY_34_KV_TB 80303	71.46 -1.16 0.00	67.40 -1.10 0.00	65.26 -1.06 0.00	64.88 -0.99 0.00	63.99 -0.91 0.00	67.90 -1.24 0.00	88.21 -1.62 0.00	99.65 -1.21 0.00	98.47 -1.20 0.00	113.06 -1.49 0.00	114.07 -1.50 0.00	114.18 -1.86 0.00	111.59 -1.81 0.00	107.28 -1.74 0.00	106.13 -1.62 0.00	101.00 -1.75 0.00	115.63 -1.40 0.00	144.36 -1.02 0.00	123.37 -1.50 0.00	111.86 -1.24 0.00	100.05 -0.91 0.00	89.89 -1.28 0.00	86.22 -1.05 0.00	78.65 -0.87 0.00



HAMPSHIRE___PAPER_HYD 323593	73.85 1.23 0.00	69.59 1.09 0.00	67.32 1.00 0.00	66.72 0.85 0.00	65.87 0.97 0.00	69.77 0.62 0.00	90.72 0.90 0.00	101.97 1.11 0.00	101.06 1.39 0.00	116.84 2.29 0.00	119.16 3.59 0.00	119.52 3.48 0.00	116.93 3.52 0.00	112.41 3.38 0.00	110.44 2.69 0.00	104.60 1.85 0.00	118.32 1.29 0.00	147.56 2.18 0.00	126.61 1.75 0.00	114.80 1.70 0.00	102.18 1.22 0.00	92.81 1.64 0.00	88.84 1.57 0.00	81.11 1.59 0.00
HARDSCRABBLE_WT_PWR 323673	78.07 5.45 0.00	73.64 5.14 0.00	71.16 4.84 0.00	70.55 4.68 0.00	69.57 4.68 0.00	73.91 4.77 0.00	95.93 6.11 0.00	107.81 6.95 0.00	106.54 6.87 0.00	122.44 7.90 0.00	124.00 8.43 0.00	124.51 8.47 0.00	121.80 8.39 0.00	117.20 8.18 0.00	115.72 7.97 0.00	110.35 7.60 0.00	125.69 8.66 0.00	155.98 10.61 0.00	133.86 9.00 0.00	121.01 7.91 0.00	107.92 6.96 0.00	97.27 6.11 0.00	93.47 6.20 0.00	85.09 5.56 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	74.29 1.67 0.00	70.01 1.51 0.00	67.78 1.46 0.00	67.32 1.45 0.00	66.19 1.30 0.00	70.87 1.73 0.00	92.25 2.43 0.00	103.28 2.42 0.00	102.85 3.19 0.00	118.44 3.89 0.00	119.62 4.05 0.00	120.45 4.41 0.00	117.26 3.86 0.00	112.73 3.71 0.00	111.19 3.45 0.00	106.34 3.60 0.00	120.89 3.86 0.00	150.03 4.65 0.00	129.11 4.25 0.00	116.72 3.62 0.00	103.69 2.73 0.00	93.72 2.55 0.00	89.01 1.75 0.00	80.95 1.43 0.00
HARSNRAD_115KV_TB1 81005	69.64 -2.98 0.00	65.96 -2.53 0.00	63.74 -2.59 0.00	63.50 -2.37 0.00	62.88 -2.01 0.00	64.72 -4.43 0.00	81.47 -8.35 0.00	92.49 -8.37 0.00	91.39 -8.27 0.00	103.78 -10.77 0.00	104.59 -10.98 0.00	104.55 -11.49 0.00	101.95 -11.45 0.00	97.36 -11.67 0.00	97.19 -10.56 0.00	91.96 -10.79 0.00	106.38 -10.65 0.00	132.58 -12.79 0.00	112.75 -12.11 0.00	102.92 -10.18 0.00	93.09 -7.88 0.00	83.87 -7.29 0.00	82.38 -4.89 0.00	76.42 -3.10 0.00
HARZA MOOSE___RIVER 24016	75.02 2.40 0.00	70.42 1.92 0.00	68.05 1.72 0.00	67.38 1.51 0.00	66.58 1.69 0.00	71.01 1.87 0.00	92.52 2.69 0.00	104.49 3.63 0.00	103.75 4.09 0.00	119.93 5.38 0.00	121.93 6.36 0.00	122.19 6.15 0.00	119.42 6.01 0.00	114.69 5.67 0.00	112.81 5.06 0.00	107.37 4.62 0.00	122.30 5.27 0.00	152.50 7.12 0.00	130.74 5.87 0.00	118.64 5.54 0.00	105.61 4.64 0.00	95.17 4.01 0.00	90.76 3.49 0.00	82.46 2.94 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	70.73 -1.89 0.00	66.72 -1.78 0.00	64.60 -1.72 0.00	64.22 -1.65 0.00	63.27 -1.62 0.00	67.21 -1.94 0.00	87.31 -2.52 0.00	98.54 -2.32 0.00	97.37 -2.29 0.00	111.80 -2.75 0.00	112.91 -2.66 0.00	113.02 -3.02 0.00	110.46 -2.95 0.00	106.19 -2.83 0.00	105.05 -2.69 0.00	99.97 -2.77 0.00	114.34 -2.69 0.00	142.47 -2.91 0.00	122.00 -2.87 0.00	110.50 -2.60 0.00	98.84 -2.12 0.00	88.88 -2.28 0.00	85.26 -2.01 0.00	77.77 -1.75 0.00
HELLGATE_13_KV_LD 55870	74.58 1.96 0.00	70.42 1.92 0.00	68.25 1.92 0.00	67.78 1.91 0.00	66.52 1.62 0.00	70.87 1.73 0.00	91.97 2.16 0.01	102.87 2.02 0.01	102.65 2.99 0.01	118.20 3.67 0.01	119.49 3.93 0.01	120.44 4.41 0.01	117.25 3.86 0.01	112.72 3.71 0.01	111.19 3.45 0.01	106.44 3.70 0.01	121.00 3.98 0.01	150.02 4.65 0.01	129.10 4.25 0.01	116.71 3.62 0.01	103.58 2.63 0.01	93.62 2.46 0.01	88.83 1.57 0.01	81.19 1.67 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	74.58 1.96 0.00	70.42 1.92 0.00	68.25 1.92 0.00	67.78 1.91 0.00	66.52 1.62 0.00	70.87 1.73 0.00	91.97 2.16 0.01	102.87 2.02 0.01	102.65 2.99 0.01	118.20 3.67 0.01	119.49 3.93 0.01	120.44 4.41 0.01	117.25 3.86 0.01	112.72 3.71 0.01	111.19 3.45 0.01	106.44 3.70 0.01	121.00 3.98 0.01	150.02 4.65 0.01	129.10 4.25 0.01	116.71 3.62 0.01	103.58 2.63 0.01	93.62 2.46 0.01	88.83 1.57 0.01	81.19 1.67 0.00
HEMPSTEAD____ 23647	75.67 3.05 0.00	71.24 2.74 0.00	68.78 2.46 0.00	68.24 2.37 0.00	67.10 2.21 0.00	71.56 2.42 0.00	93.42 3.60 0.00	102.37 1.52 0.00	103.85 4.19 0.00	118.21 3.66 0.00	120.43 4.85 0.00	121.96 5.91 0.00	118.85 5.44 0.00	114.47 5.45 0.00	113.13 5.39 0.00	108.41 5.65 -0.01	123.45 5.85 -0.57	150.46 5.09 0.00	130.11 5.24 0.00	126.00 5.54 -7.36	104.71 3.74 -0.01	95.46 4.29 -0.01	90.15 2.88 0.00	82.14 2.62 0.00
HICKLING___1 23621	71.53 -1.09 0.00	67.47 -1.03 0.00	65.33 -0.99 0.00	64.95 -0.92 0.00	64.18 -0.71 0.00	67.97 -1.18 0.00	88.03 -1.80 0.00	100.15 -0.71 0.00	98.77 -0.90 0.00	112.83 -1.72 0.00	113.95 -1.62 0.00	113.84 -2.20 0.00	110.91 -2.49 0.00	106.62 -2.40 0.00	105.48 -2.26 0.00	100.18 -2.57 0.00	115.51 -1.52 0.00	144.50 -0.87 0.00	123.12 -1.75 0.00	111.52 -1.58 0.00	100.16 -0.81 0.00	89.70 -1.46 0.00	86.40 -0.87 0.00	79.20 -0.32 0.00
HICKLING___2 23622	71.53 -1.09 0.00	67.47 -1.03 0.00	65.33 -0.99 0.00	64.95 -0.92 0.00	64.18 -0.71 0.00	67.97 -1.18 0.00	88.03 -1.80 0.00	100.15 -0.71 0.00	98.77 -0.90 0.00	112.83 -1.72 0.00	113.95 -1.62 0.00	113.84 -2.20 0.00	110.91 -2.49 0.00	106.62 -2.40 0.00	105.48 -2.26 0.00	100.18 -2.57 0.00	115.51 -1.52 0.00	144.50 -0.87 0.00	123.12 -1.75 0.00	111.52 -1.58 0.00	100.16 -0.81 0.00	89.70 -1.46 0.00	86.40 -0.87 0.00	79.20 -0.32 0.00
HIGH FALLS___HY 23754	75.31 2.69 0.00	71.03 2.53 0.00	68.71 2.39 0.00	68.24 2.37 0.00	67.17 2.27 0.00	71.91 2.77 0.00	93.77 3.95 0.00	105.09 4.24 0.00	104.05 4.39 0.00	119.93 5.38 0.00	120.89 5.32 0.00	121.49 5.45 0.00	118.74 5.33 0.00	114.15 5.12 0.00	112.70 4.96 0.00	107.78 5.03 0.00	122.88 5.85 0.00	152.79 7.41 0.00	131.36 6.49 0.00	118.76 5.66 0.00	105.41 4.44 0.00	95.36 4.19 0.00	90.50 3.23 0.00	82.23 2.70 0.00
HIGH_RIVER___SOLAR 323847	74.29 1.67 0.00	70.08 1.58 0.00	67.78 1.46 0.00	67.38 1.52 0.00	66.58 1.68 0.00	71.15 2.01 0.00	92.96 3.14 0.00	104.08 3.23 0.00	102.76 3.09 0.00	116.84 2.29 0.00	117.65 2.08 0.00	118.13 2.09 0.00	115.33 1.93 0.00	111.09 2.07 0.00	110.01 2.27 0.00	106.24 3.50 0.00	121.01 3.98 0.00	150.90 5.52 0.00	129.36 4.49 0.00	117.06 3.96 0.00	104.19 3.23 0.00	93.53 2.37 0.00	89.45 2.18 0.00	81.11 1.59 0.00
HILLBURN___GT 23639	73.85 1.23 0.00	69.73 1.23 0.00	67.52 1.20 0.00	67.06 1.19 0.00	65.93 1.04 0.00	70.39 1.25 0.00	91.80 1.97 0.00	102.57 1.71 0.00	102.56 2.89 0.00	117.75 3.20 0.00	119.04 3.46 0.00	119.99 3.95 0.00	116.70 3.29 0.00	112.19 3.16 0.00	110.76 3.01 0.00	105.94 3.19 0.00	120.07 3.04 0.00	149.30 3.93 0.00	128.11 3.24 0.00	116.04 2.94 0.00	102.98 2.02 0.00	93.26 2.10 0.00	88.58 1.31 0.00	80.55 1.03 0.00
HILLSIDE_115KV_TB1 80332	70.59 -2.03 0.00	66.58 -1.92 0.00	64.40 -1.92 0.00	64.09 -1.78 0.00	63.27 -1.62 0.00	67.00 -2.14 0.00	86.68 -3.14 0.00	98.54 -2.32 0.00	97.07 -2.59 0.00	110.77 -3.78 0.00	111.87 -3.70 0.00	111.86 -4.18 0.00	108.98 -4.42 0.00	104.77 -4.25 0.00	103.65 -4.09 0.00	98.43 -4.32 0.00	113.52 -3.51 0.00	141.88 -3.49 0.00	121.00 -3.87 0.00	109.59 -3.51 0.00	98.44 -2.52 0.00	88.25 -2.92 0.00	85.09 -2.18 0.00	78.01 -1.51 0.00



HISHELDN_WT_PWR 323625	70.81 -1.81 0.00	66.85 -1.64 0.00	64.40 -1.93 0.00	64.16 -1.71 0.00	63.41 -1.49 0.00	66.31 -2.84 0.00	83.35 -6.47 0.00	96.52 -4.33 0.00	93.58 -6.08 0.00	107.10 -7.44 0.00	107.83 -7.74 0.00	107.68 -8.36 0.00	104.68 -8.73 0.00	100.20 -8.83 0.00	99.45 -8.29 0.00	94.52 -8.22 0.00	109.77 -7.26 0.00	135.63 -9.74 0.00	116.87 -7.99 0.00	106.32 -6.78 0.00	95.61 -5.35 0.00	85.60 -5.56 0.00	83.86 -3.40 0.00	77.54 -1.98 0.00
HOLTSVILLE_IC_1 23690	76.83 4.21 0.00	72.20 3.70 0.00	69.57 3.25 0.00	69.03 3.16 0.00	67.75 2.85 0.00	72.33 3.18 0.00	93.68 3.86 0.00	100.76 -0.10 0.00	103.85 4.19 0.00	117.41 2.86 0.00	119.73 4.15 0.00	121.50 5.46 0.00	118.85 5.44 0.00	114.58 5.56 0.00	113.56 5.81 0.00	109.03 6.27 -0.01	123.22 6.08 -0.10	147.99 2.62 0.00	129.49 4.62 0.00	120.14 5.76 -1.28	104.41 3.43 -0.01	95.18 4.01 -0.01	90.15 2.88 0.00	82.38 2.86 0.00
HOLTSVILLE_IC_10 23699	77.34 4.72 0.00	72.68 4.18 0.00	69.97 3.65 0.00	69.42 3.55 0.00	68.14 3.24 0.00	72.74 3.59 0.00	94.22 4.40 0.00	101.26 0.41 0.00	104.55 4.88 0.00	118.21 3.66 0.00	120.54 4.97 0.00	122.42 6.38 0.00	119.75 6.35 0.00	115.45 6.43 0.00	114.54 6.79 0.00	109.95 7.19 -0.01	124.17 7.02 -0.12	149.01 3.64 0.00	130.49 5.62 0.00	121.24 6.67 -1.46	105.21 4.24 -0.01	95.64 4.47 -0.01	90.58 3.32 0.00	82.78 3.26 0.00
HOLTSVILLE_IC_2 23691	76.83 4.21 0.00	72.20 3.70 0.00	69.57 3.25 0.00	69.03 3.16 0.00	67.75 2.85 0.00	72.33 3.18 0.00	93.68 3.86 0.00	100.76 -0.10 0.00	103.85 4.19 0.00	117.41 2.86 0.00	119.73 4.15 0.00	121.50 5.46 0.00	118.85 5.44 0.00	114.58 5.56 0.00	113.56 5.81 0.00	109.03 6.27 -0.01	123.22 6.08 -0.10	147.99 2.62 0.00	129.49 4.62 0.00	120.14 5.76 -1.28	104.41 3.43 -0.01	95.18 4.01 -0.01	90.15 2.88 0.00	82.38 2.86 0.00
HOLTSVILLE_IC_3 23692	76.83 4.21 0.00	72.20 3.70 0.00	69.57 3.25 0.00	69.03 3.16 0.00	67.75 2.85 0.00	72.33 3.18 0.00	93.68 3.86 0.00	100.76 -0.10 0.00	103.85 4.19 0.00	117.41 2.86 0.00	119.73 4.15 0.00	121.50 5.46 0.00	118.85 5.44 0.00	114.58 5.56 0.00	113.56 5.81 0.00	109.03 6.27 -0.01	123.22 6.08 -0.10	147.99 2.62 0.00	129.49 4.62 0.00	120.14 5.76 -1.28	104.41 3.43 -0.01	95.18 4.01 -0.01	90.15 2.88 0.00	82.38 2.86 0.00
HOLTSVILLE_IC_4 23693	76.83 4.21 0.00	72.20 3.70 0.00	69.57 3.25 0.00	69.03 3.16 0.00	67.75 2.85 0.00	72.33 3.18 0.00	93.68 3.86 0.00	100.76 -0.10 0.00	103.85 4.19 0.00	117.41 2.86 0.00	119.73 4.15 0.00	121.50 5.46 0.00	118.85 5.44 0.00	114.58 5.56 0.00	113.56 5.81 0.00	109.03 6.27 -0.01	123.22 6.08 -0.10	147.99 2.62 0.00	129.49 4.62 0.00	120.14 5.76 -1.28	104.41 3.43 -0.01	95.18 4.01 -0.01	90.15 2.88 0.00	82.38 2.86 0.00
HOLTSVILLE_IC_5 23694	76.83 4.21 0.00	72.20 3.70 0.00	69.57 3.25 0.00	69.03 3.16 0.00	67.75 2.85 0.00	72.33 3.18 0.00	93.68 3.86 0.00	100.76 -0.10 0.00	103.85 4.19 0.00	117.41 2.86 0.00	119.73 4.15 0.00	121.50 5.46 0.00	118.85 5.44 0.00	114.58 5.56 0.00	113.56 5.81 0.00	109.03 6.27 -0.01	123.22 6.08 -0.10	147.99 2.62 0.00	129.49 4.62 0.00	120.14 5.76 -1.28	104.41 3.43 -0.01	95.18 4.01 -0.01	90.15 2.88 0.00	82.38 2.86 0.00
HOLTSVILLE_IC_6 23695	77.34 4.72 0.00	72.68 4.18 0.00	69.97 3.65 0.00	69.42 3.55 0.00	68.14 3.24 0.00	72.74 3.59 0.00	94.22 4.40 0.00	101.26 0.41 0.00	104.55 4.88 0.00	118.21 3.66 0.00	120.54 4.97 0.00	122.42 6.38 0.00	119.75 6.35 0.00	115.45 6.43 0.00	114.54 6.79 0.00	109.95 7.19 -0.01	124.17 7.02 -0.12	149.01 3.64 0.00	130.49 5.62 0.00	121.24 6.67 -1.46	105.21 4.24 -0.01	95.64 4.47 -0.01	90.58 3.32 0.00	82.78 3.26 0.00
HOLTSVILLE_IC_7 23696	77.34 4.72 0.00	72.68 4.18 0.00	69.97 3.65 0.00	69.42 3.55 0.00	68.14 3.24 0.00	72.74 3.59 0.00	94.22 4.40 0.00	101.26 0.41 0.00	104.55 4.88 0.00	118.21 3.66 0.00	120.54 4.97 0.00	122.42 6.38 0.00	119.75 6.35 0.00	115.45 6.43 0.00	114.54 6.79 0.00	109.95 7.19 -0.01	124.17 7.02 -0.12	149.01 3.64 0.00	130.49 5.62 0.00	121.24 6.67 -1.46	105.21 4.24 -0.01	95.64 4.47 -0.01	90.58 3.32 0.00	82.78 3.26 0.00
HOLTSVILLE_IC_8 23697	77.34 4.72 0.00	72.68 4.18 0.00	69.97 3.65 0.00	69.42 3.55 0.00	68.14 3.24 0.00	72.74 3.59 0.00	94.22 4.40 0.00	101.26 0.41 0.00	104.55 4.88 0.00	118.21 3.66 0.00	120.54 4.97 0.00	122.42 6.38 0.00	119.75 6.35 0.00	115.45 6.43 0.00	114.54 6.79 0.00	109.95 7.19 -0.01	124.17 7.02 -0.12	149.01 3.64 0.00	130.49 5.62 0.00	121.24 6.67 -1.46	105.21 4.24 -0.01	95.64 4.47 -0.01	90.58 3.32 0.00	82.78 3.26 0.00
HOLTSVILLE_IC_9 23698	77.34 4.72 0.00	72.68 4.18 0.00	69.97 3.65 0.00	69.42 3.55 0.00	68.14 3.24 0.00	72.74 3.59 0.00	94.22 4.40 0.00	101.26 0.41 0.00	104.55 4.88 0.00	118.21 3.66 0.00	120.54 4.97 0.00	122.42 6.38 0.00	119.75 6.35 0.00	115.45 6.43 0.00	114.54 6.79 0.00	109.95 7.19 -0.01	124.17 7.02 -0.12	149.01 3.64 0.00	130.49 5.62 0.00	121.24 6.67 -1.46	105.21 4.24 -0.01	95.64 4.47 -0.01	90.58 3.32 0.00	82.78 3.26 0.00
HOMER_HL_115KV_TB2 355744	71.24 -1.38 0.00	67.33 -1.16 0.00	65.07 -1.26 0.00	64.75 -1.12 0.00	64.05 -0.84 0.00	67.42 -1.73 0.00	86.50 -3.32 0.00	98.34 -2.52 0.00	96.77 -2.89 0.00	109.74 -4.81 0.00	110.72 -4.85 0.00	110.70 -5.34 0.00	107.85 -5.56 0.00	103.35 -5.67 0.00	102.57 -5.17 0.00	97.30 -5.45 0.00	112.82 -4.21 0.00	140.72 -4.65 0.00	119.87 -4.99 0.00	109.03 -4.07 0.00	98.14 -2.83 0.00	88.16 -3.01 0.00	85.70 -1.57 0.00	78.89 -0.64 0.00
HOWARD_WT_PWR 323690	73.42 0.80 0.00	68.84 0.34 0.00	66.26 -0.07 0.00	65.93 0.07 0.00	65.35 0.46 0.00	70.25 1.10 0.00	91.71 1.89 0.00	106.81 5.95 0.00	105.14 5.48 0.00	119.71 5.16 0.00	120.78 5.21 0.00	120.45 4.41 0.00	117.26 3.86 0.00	112.61 3.59 0.00	111.09 3.34 0.00	105.21 2.46 0.00	121.36 4.33 0.00	151.92 6.55 0.00	128.86 3.99 0.00	116.26 3.16 0.00	105.20 4.24 0.00	93.44 2.28 0.00	89.36 2.09 0.00	81.67 2.15 0.00
HQ_GEN_CEDARS 23644	74.44 1.82 0.00	70.28 1.78 0.00	68.12 1.79 0.00	67.58 1.71 0.00	66.58 1.69 0.00	70.94 1.80 0.00	92.25 2.43 0.00	103.58 2.72 0.00	102.06 2.39 0.00	117.52 2.98 0.00	118.69 3.12 0.00	119.29 3.25 0.00	116.35 2.95 0.00	111.86 2.83 0.00	110.44 2.69 0.00	104.91 2.16 0.00	119.49 2.46 0.00	148.86 3.49 0.00	127.74 2.87 0.00	115.81 2.71 0.00	103.29 2.32 0.00	93.35 2.19 0.00	89.54 2.27 0.00	81.83 2.31 0.00
HQ_GEN_CEDARS_PROXY 323590	74.44 1.82 0.00	70.28 1.78 0.00	68.12 1.79 0.00	67.65 1.78 0.00	66.58 1.68 0.00	70.94 1.79 0.00	92.25 2.43 0.00	103.18 2.32 0.00	107.02 2.39 -4.96	112.56 2.97 4.96	118.69 3.12 0.00	119.17 3.13 0.00	116.47 3.06 0.00	112.07 3.05 0.00	110.54 2.80 0.00	104.91 2.16 0.00	119.60 2.57 0.00	148.86 3.48 0.00	127.74 2.87 0.00	115.70 2.60 0.00	103.29 2.32 0.00	93.35 2.18 0.00	89.53 2.27 0.00	81.83 2.31 0.00



HQ_GEN_IMPORT 323601	73.27 0.65 0.00	69.11 0.62 0.00	66.99 0.66 0.00	66.46 0.59 0.00	65.48 0.58 0.00	69.84 0.69 0.00	90.81 0.99 0.00	101.76 0.91 0.00	105.52 0.89 -4.96	110.73 1.15 4.96	116.73 1.16 0.00	117.20 1.16 0.00	114.54 1.13 0.00	110.11 1.09 0.00	108.82 1.08 0.00	103.57 0.82 0.00	118.20 1.17 0.00	146.83 1.45 0.00	125.99 1.12 0.00	114.12 1.02 0.00	101.87 0.91 0.00	95.00 0.91 -2.92	94.20 0.96 -5.97	80.48 0.96 0.00
HQ_GEN_WHEEL 23651	73.27 0.65 0.00	69.11 0.62 0.00	66.99 0.66 0.00	66.46 0.59 0.00	65.48 0.58 0.00	69.84 0.69 0.00	90.81 0.99 0.00	101.76 0.91 0.00	105.52 0.89 -4.96	110.73 1.15 4.96	116.73 1.16 0.00	117.20 1.16 0.00	114.54 1.13 0.00	110.11 1.09 0.00	108.82 1.08 0.00	103.57 0.82 0.00	118.20 1.17 0.00	146.83 1.45 0.00	125.99 1.12 0.00	114.12 1.02 0.00	101.87 0.91 0.00	95.00 0.91 -2.92	94.20 0.96 -5.97	80.48 0.96 0.00
HUDSON AVE_GT_3 23810	74.58 1.96 0.00	70.35 1.85 0.00	68.12 1.79 0.00	67.58 1.71 0.00	66.39 1.49 0.00	71.08 1.94 0.00	92.43 2.60 0.00	103.38 2.52 0.00	103.15 3.49 0.00	118.78 4.24 0.00	120.20 4.62 0.00	121.03 4.99 0.00	117.83 4.42 0.00	113.38 4.36 0.00	111.73 3.99 0.00	106.96 4.21 0.00	121.59 4.56 0.00	150.75 5.38 0.00	129.74 4.87 0.00	117.29 4.18 0.00	104.09 3.13 0.00	93.99 2.83 0.00	89.28 2.01 0.00	81.19 1.67 0.00
HUDSON AVE_GT_4 23540	74.58 1.96 0.00	70.35 1.85 0.00	68.12 1.79 0.00	67.58 1.71 0.00	66.39 1.49 0.00	71.08 1.94 0.00	92.43 2.60 0.00	103.38 2.52 0.00	103.15 3.49 0.00	118.78 4.24 0.00	120.20 4.62 0.00	121.03 4.99 0.00	117.83 4.42 0.00	113.38 4.36 0.00	111.73 3.99 0.00	106.96 4.21 0.00	121.59 4.56 0.00	150.75 5.38 0.00	129.74 4.87 0.00	117.29 4.18 0.00	104.09 3.13 0.00	93.99 2.83 0.00	89.28 2.01 0.00	81.19 1.67 0.00
HUDSON AVE_GT_5 23657	74.58 1.96 0.00	70.35 1.85 0.00	68.12 1.79 0.00	67.58 1.71 0.00	66.39 1.49 0.00	71.08 1.94 0.00	92.43 2.60 0.00	103.38 2.52 0.00	103.15 3.49 0.00	118.78 4.24 0.00	120.20 4.62 0.00	121.03 4.99 0.00	117.83 4.42 0.00	113.38 4.36 0.00	111.73 3.99 0.00	106.96 4.21 0.00	121.59 4.56 0.00	150.75 5.38 0.00	129.74 4.87 0.00	117.29 4.18 0.00	104.09 3.13 0.00	93.99 2.83 0.00	89.28 2.01 0.00	81.19 1.67 0.00
HUDSON_AVE_10 24168	74.22 1.60 0.00	70.07 1.58 0.00	67.78 1.46 0.00	67.32 1.45 0.00	66.13 1.23 0.00	70.81 1.66 0.00	92.07 2.25 0.00	103.08 2.22 0.00	102.95 3.29 0.00	118.56 4.01 0.00	119.73 4.16 0.00	120.68 4.64 0.00	117.49 4.08 0.00	112.95 3.92 0.00	111.30 3.56 0.00	106.65 3.90 0.00	121.13 4.10 0.00	150.32 4.94 0.00	129.24 4.37 0.00	116.83 3.73 0.00	103.69 2.73 0.00	93.72 2.55 0.00	89.01 1.75 0.00	80.95 1.43 0.00
HUDSON___115KV_TB 4 355613	75.31 2.69 0.00	71.03 2.53 0.00	68.78 2.45 0.00	68.37 2.50 0.00	67.36 2.47 0.00	71.91 2.77 0.00	92.97 3.14 0.00	103.98 3.13 0.00	103.95 4.29 0.00	119.59 5.04 0.00	120.20 4.62 0.00	120.33 4.29 0.00	116.47 3.06 0.00	112.18 3.16 0.00	110.98 3.23 0.00	106.24 3.49 0.00	121.13 4.10 0.00	150.61 5.23 0.00	129.49 4.62 0.00	117.17 4.07 0.00	104.19 3.23 0.00	93.99 2.83 0.00	89.63 2.36 0.00	81.51 1.99 0.00
HUNTER MOUNT___DRP 323613	75.74 3.12 0.00	71.44 2.95 0.00	69.18 2.85 0.00	68.70 2.83 0.00	67.75 2.86 0.00	72.26 3.11 0.00	93.68 3.86 0.00	104.89 4.03 0.00	105.55 5.88 0.00	121.42 6.87 0.00	121.81 6.24 0.00	121.96 5.92 0.00	117.37 3.97 0.00	112.95 3.92 0.00	111.73 3.99 0.00	107.06 4.32 0.00	122.18 5.15 0.00	152.06 6.69 0.00	130.74 5.87 0.00	118.19 5.09 0.00	105.00 4.04 0.00	94.72 3.56 0.00	90.32 3.05 0.00	82.15 2.62 0.00
HUNTINGTON_RES_REC 323705	76.83 4.21 0.00	72.20 3.70 0.00	69.57 3.25 0.00	69.03 3.16 0.00	67.75 2.85 0.00	72.33 3.18 0.00	94.05 4.22 0.00	101.16 0.30 0.00	103.95 4.28 0.00	116.96 2.41 0.00	119.38 3.81 0.00	121.14 5.10 0.00	118.51 5.11 0.00	114.25 5.23 0.00	113.24 5.49 0.00	108.71 5.96 -0.01	123.24 6.08 -0.13	147.99 2.62 0.00	129.24 4.37 0.00	120.43 5.76 -1.57	104.30 3.33 -0.01	95.73 4.56 -0.01	90.50 3.23 0.00	82.71 3.18 0.00
HUNTLEY___63 23557	70.88 -1.74 0.00	67.13 -1.37 0.00	64.87 -1.46 0.00	64.55 -1.32 0.00	63.92 -0.97 0.00	65.55 -3.60 0.00	82.55 -7.28 0.00	93.70 -7.16 0.00	92.59 -7.08 0.00	104.92 -9.62 0.00	105.75 -9.82 0.00	105.83 -10.21 0.00	103.43 -9.98 0.00	98.77 -10.25 0.00	98.48 -9.27 0.00	93.19 -9.56 0.00	107.55 -9.48 0.00	134.03 -11.34 0.00	114.00 -10.86 0.00	104.28 -8.82 0.00	94.30 -6.66 0.00	84.87 -6.29 0.00	83.34 -3.93 0.00	77.06 -2.47 0.00
HUNTLEY___64 23558	70.88 -1.74 0.00	67.13 -1.37 0.00	64.87 -1.46 0.00	64.55 -1.32 0.00	63.92 -0.97 0.00	65.55 -3.60 0.00	82.55 -7.28 0.00	93.70 -7.16 0.00	92.59 -7.08 0.00	104.92 -9.62 0.00	105.75 -9.82 0.00	105.83 -10.21 0.00	103.43 -9.98 0.00	98.77 -10.25 0.00	98.48 -9.27 0.00	93.19 -9.56 0.00	107.55 -9.48 0.00	134.03 -11.34 0.00	114.00 -10.86 0.00	104.28 -8.82 0.00	94.30 -6.66 0.00	84.87 -6.29 0.00	83.34 -3.93 0.00	77.06 -2.47 0.00
HUNTLEY___65 23559	70.88 -1.74 0.00	67.13 -1.37 0.00	64.87 -1.46 0.00	64.55 -1.32 0.00	63.92 -0.97 0.00	65.55 -3.60 0.00	82.55 -7.28 0.00	93.70 -7.16 0.00	92.59 -7.08 0.00	104.92 -9.62 0.00	105.75 -9.82 0.00	105.83 -10.21 0.00	103.43 -9.98 0.00	98.77 -10.25 0.00	98.48 -9.27 0.00	93.19 -9.56 0.00	107.55 -9.48 0.00	134.03 -11.34 0.00	114.00 -10.86 0.00	104.28 -8.82 0.00	94.30 -6.66 0.00	84.87 -6.29 0.00	83.34 -3.93 0.00	77.06 -2.47 0.00
HUNTLEY___66 23560	70.88 -1.74 0.00	67.13 -1.37 0.00	64.87 -1.46 0.00	64.55 -1.32 0.00	63.92 -0.97 0.00	65.55 -3.60 0.00	82.55 -7.28 0.00	93.70 -7.16 0.00	92.59 -7.08 0.00	104.92 -9.62 0.00	105.75 -9.82 0.00	105.83 -10.21 0.00	103.43 -9.98 0.00	98.77 -10.25 0.00	98.48 -9.27 0.00	93.19 -9.56 0.00	107.55 -9.48 0.00	134.03 -11.34 0.00	114.00 -10.86 0.00	104.28 -8.82 0.00	94.30 -6.66 0.00	84.87 -6.29 0.00	83.34 -3.93 0.00	77.06 -2.47 0.00
HUNTLEY___67 23561	70.37 -2.25 0.00	66.65 -1.85 0.00	64.40 -1.92 0.00	64.09 -1.78 0.00	63.47 -1.43 0.00	65.48 -3.66 0.00	82.91 -6.92 0.00	94.10 -6.76 0.00	92.99 -6.68 0.00	105.61 -8.93 0.00	106.56 -9.01 0.00	106.53 -9.52 0.00	103.77 -9.64 0.00	99.21 -9.81 0.00	98.91 -8.84 0.00	93.60 -9.14 0.00	108.25 -8.78 0.00	134.91 -10.47 0.00	114.75 -10.11 0.00	104.62 -8.48 0.00	94.70 -6.26 0.00	85.24 -5.93 0.00	83.60 -3.67 0.00	77.22 -2.31 0.00
HUNTLEY___68 23562	70.37 -2.25 0.00	66.65 -1.85 0.00	64.40 -1.92 0.00	64.09 -1.78 0.00	63.47 -1.43 0.00	65.48 -3.66 0.00	82.91 -6.92 0.00	94.10 -6.76 0.00	92.99 -6.68 0.00	105.61 -8.93 0.00	106.56 -9.01 0.00	106.53 -9.52 0.00	103.77 -9.64 0.00	99.21 -9.81 0.00	98.91 -8.84 0.00	93.60 -9.14 0.00	108.25 -8.78 0.00	134.91 -10.47 0.00	114.75 -10.11 0.00	104.62 -8.48 0.00	94.70 -6.26 0.00	85.24 -5.93 0.00	83.60 -3.67 0.00	77.22 -2.31 0.00



HYLAND___LFGE 323620	73.85 1.23 0.00	69.39 0.89 0.00	66.85 0.53 0.00	66.59 0.73 0.00	66.00 1.10 0.00	70.46 1.31 0.00	91.08 1.26 0.00	106.10 5.24 0.00	103.66 3.99 0.00	111.80 -2.75 0.00	111.64 -3.93 0.00	111.28 -4.76 0.00	108.42 -4.99 0.00	103.57 -5.45 0.00	103.43 -4.31 0.00	98.64 -4.11 0.00	114.69 -2.34 0.00	144.79 -0.58 0.00	123.12 -1.75 0.00	111.63 -1.47 0.00	105.71 4.75 0.00	93.81 2.65 0.00	89.89 2.62 0.00	81.99 2.47 0.00
INDECK___CORINTH 23802	74.58 1.96 0.00	70.49 1.99 0.00	68.25 1.92 0.00	67.84 1.97 0.00	66.97 2.08 0.00	71.42 2.28 0.00	93.23 3.41 0.00	104.59 3.73 0.00	104.05 4.38 0.00	119.47 4.92 0.00	120.54 4.97 0.00	120.80 4.76 0.00	117.60 4.20 0.00	112.84 3.81 0.00	111.41 3.67 0.00	106.65 3.90 0.00	121.36 4.33 0.00	151.04 5.66 0.00	129.36 4.49 0.00	117.06 3.96 0.00	104.59 3.63 0.00	93.81 2.65 0.00	89.71 2.44 0.00	81.27 1.75 0.00
INDECK___ILION 23567	75.67 3.05 0.00	71.38 2.88 0.00	69.04 2.72 0.00	68.50 2.63 0.00	67.56 2.66 0.00	71.84 2.70 0.00	93.33 3.50 0.00	104.69 3.83 0.00	103.55 3.89 0.00	119.01 4.47 0.00	120.31 4.74 0.00	120.80 4.76 0.00	118.17 4.76 0.00	113.60 4.58 0.00	112.27 4.53 0.00	107.06 4.32 0.00	121.95 4.92 0.00	151.33 5.96 0.00	129.99 5.12 0.00	117.62 4.52 0.00	105.00 4.04 0.00	94.63 3.46 0.00	90.76 3.49 0.00	82.62 3.10 0.00
INDECK___OLEAN 23982	71.39 -1.23 0.00	67.40 -1.10 0.00	64.93 -1.40 0.00	64.68 -1.18 0.00	63.86 -1.04 0.00	67.83 -1.32 0.00	86.41 -3.41 0.00	99.75 -1.11 0.00	96.98 -2.69 0.00	110.31 -4.24 0.00	111.30 -4.27 0.00	111.28 -4.76 0.00	108.19 -5.21 0.00	103.79 -5.23 0.00	102.79 -4.95 0.00	97.82 -4.93 0.00	113.52 -3.51 0.00	140.87 -4.51 0.00	121.12 -3.74 0.00	109.93 -3.17 0.00	98.54 -2.42 0.00	88.16 -3.01 0.00	85.61 -1.66 0.00	78.88 -0.64 0.00
INDECK___OSWEGO 23783	70.08 -2.54 0.00	66.04 -2.46 0.00	63.94 -2.38 0.00	63.50 -2.37 0.00	62.62 -2.27 0.00	66.66 -2.49 0.00	85.69 -4.13 0.00	100.16 -0.70 0.00	98.77 -0.90 0.00	113.63 -0.92 0.00	115.00 -0.57 0.00	114.88 -1.16 0.00	112.16 -1.24 0.00	107.93 -1.09 0.00	106.56 -1.18 0.00	98.23 -4.52 0.00	112.23 -4.80 0.00	139.55 -5.82 0.00	119.87 -5.00 0.00	108.57 -4.53 0.00	96.92 -4.04 0.00	87.34 -3.83 0.00	84.30 -2.97 0.00	76.90 -2.62 0.00
INDECK___YERKES 23781	71.31 -1.31 0.00	67.33 -1.16 0.00	64.80 -1.52 0.00	64.48 -1.39 0.00	63.79 -1.10 0.00	66.17 -2.97 0.00	82.46 -7.36 0.00	95.51 -5.35 0.00	92.59 -7.07 0.00	105.95 -8.59 0.00	106.78 -8.79 0.00	106.65 -9.40 0.00	103.65 -9.75 0.00	99.32 -9.70 0.00	98.59 -9.16 0.00	93.81 -8.94 0.00	108.72 -8.31 0.00	133.89 -11.49 0.00	115.50 -9.37 0.00	105.30 -7.80 0.00	94.91 -6.06 0.00	84.87 -6.29 0.00	83.26 -4.01 0.00	77.06 -2.47 0.00
INDIAN POINT_GT_1 24139	74.07 1.45 0.00	69.87 1.37 0.00	67.65 1.33 0.00	67.12 1.25 0.00	66.00 1.10 0.00	70.67 1.52 0.00	91.89 2.07 0.00	102.87 2.02 0.00	102.46 2.79 0.00	117.87 3.32 0.00	119.16 3.58 0.00	119.99 3.95 0.00	116.81 3.40 0.00	112.29 3.27 0.00	110.76 3.02 0.00	106.04 3.29 0.00	120.42 3.39 0.00	149.30 3.93 0.00	128.49 3.62 0.00	116.27 3.17 0.00	103.39 2.42 0.00	93.44 2.28 0.00	88.75 1.48 0.00	80.71 1.19 0.00
INDIAN POINT_GT_2 23659	74.07 1.45 0.00	69.87 1.37 0.00	67.65 1.33 0.00	67.12 1.25 0.00	66.00 1.10 0.00	70.67 1.52 0.00	91.89 2.07 0.00	102.87 2.02 0.00	102.46 2.79 0.00	117.87 3.32 0.00	119.16 3.58 0.00	119.99 3.95 0.00	116.81 3.40 0.00	112.29 3.27 0.00	110.76 3.02 0.00	106.04 3.29 0.00	120.42 3.39 0.00	149.30 3.93 0.00	128.49 3.62 0.00	116.27 3.17 0.00	103.39 2.42 0.00	93.44 2.28 0.00	88.75 1.48 0.00	80.71 1.19 0.00
INDIAN POINT_GT_3 24019	74.07 1.45 0.00	69.87 1.37 0.00	67.65 1.33 0.00	67.12 1.25 0.00	66.00 1.10 0.00	70.67 1.52 0.00	91.89 2.07 0.00	102.87 2.02 0.00	102.46 2.79 0.00	117.87 3.32 0.00	119.16 3.58 0.00	119.99 3.95 0.00	116.81 3.40 0.00	112.29 3.27 0.00	110.76 3.02 0.00	106.04 3.29 0.00	120.42 3.39 0.00	149.30 3.93 0.00	128.49 3.62 0.00	116.27 3.17 0.00	103.39 2.42 0.00	93.44 2.28 0.00	88.75 1.48 0.00	80.71 1.19 0.00
INDIAN POINT___2 23530	73.78 1.16 0.00	69.66 1.16 0.00	67.45 1.13 0.00	66.99 1.12 0.00	65.87 0.97 0.00	70.32 1.17 0.00	91.71 1.89 0.00	102.37 1.52 0.00	102.36 2.69 0.00	117.52 2.97 0.00	118.80 3.23 0.00	119.75 3.71 0.00	116.47 3.06 0.00	111.97 2.94 0.00	110.54 2.80 0.00	105.83 3.08 0.00	119.96 2.93 0.00	149.01 3.64 0.00	127.86 2.99 0.00	115.81 2.71 0.00	102.88 1.91 0.00	93.08 1.92 0.00	88.49 1.22 0.00	80.48 0.96 0.00
INDIAN POINT___3 23531	74.07 1.45 0.00	69.87 1.37 0.00	67.59 1.26 0.00	67.12 1.25 0.00	66.00 1.10 0.00	70.67 1.52 0.00	91.89 2.07 0.00	102.77 1.92 0.00	102.46 2.79 0.00	117.75 3.21 0.00	119.04 3.47 0.00	119.87 3.83 0.00	116.69 3.29 0.00	112.29 3.27 0.00	110.76 3.02 0.00	105.93 3.19 0.00	120.31 3.28 0.00	149.15 3.78 0.00	128.36 3.50 0.00	116.15 3.05 0.00	103.29 2.32 0.00	93.35 2.19 0.00	88.67 1.40 0.00	80.63 1.11 0.00
INGHAM_C_115KV_TB7 356103	79.52 6.90 0.00	75.01 6.51 0.00	72.49 6.17 0.00	71.93 6.06 0.00	70.93 6.04 0.00	75.23 6.08 0.00	97.64 7.81 0.00	109.63 8.77 0.00	108.44 8.77 0.00	124.63 10.08 0.00	126.20 10.63 0.00	126.72 10.68 0.00	123.95 10.55 0.00	119.27 10.25 0.00	117.77 10.02 0.00	112.20 9.45 0.00	127.91 10.88 0.00	158.75 13.37 0.00	136.11 11.24 0.00	123.17 10.07 0.00	109.95 8.99 0.00	99.00 7.84 0.00	95.21 7.94 0.00	86.76 7.24 0.00
IP CORINTH___1 23988	75.02 2.40 0.00	70.90 2.40 0.00	68.58 2.26 0.00	68.24 2.37 0.00	67.30 2.40 0.00	71.84 2.70 0.00	93.68 3.86 0.00	105.09 4.24 0.00	104.65 4.98 0.00	120.04 5.50 0.00	121.12 5.55 0.00	121.38 5.34 0.00	118.28 4.88 0.00	113.38 4.36 0.00	112.06 4.31 0.00	107.27 4.52 0.00	122.18 5.15 0.00	151.77 6.40 0.00	130.24 5.37 0.00	117.74 4.64 0.00	105.20 4.24 0.00	94.35 3.19 0.00	90.15 2.88 0.00	81.75 2.23 0.00
IP___TICONDEROGA 23804	77.99 5.37 0.00	73.64 5.14 0.00	71.23 4.91 0.00	70.87 5.01 0.00	70.09 5.19 0.00	74.88 5.74 0.00	97.91 8.08 0.00	110.14 9.28 0.00	109.63 9.97 0.00	125.66 11.11 0.00	126.67 11.09 0.00	126.72 10.68 0.00	123.16 9.75 0.00	118.29 9.27 0.00	116.80 9.05 0.00	112.20 9.45 0.00	128.38 11.35 0.00	160.06 14.68 0.00	136.85 11.99 0.00	123.62 10.52 0.00	110.25 9.29 0.00	98.37 7.20 0.00	93.81 6.55 0.00	84.93 5.41 0.00
ISLIP_RES_REC 323679	77.70 5.08 0.00	73.02 4.52 0.00	70.30 3.98 0.00	69.75 3.89 0.00	68.46 3.57 0.00	73.08 3.94 0.00	94.76 4.94 0.00	101.86 1.01 0.00	105.14 5.48 0.00	118.90 4.35 0.00	121.35 5.78 0.00	123.24 7.20 0.00	120.55 7.15 0.00	116.22 7.19 0.00	115.40 7.65 0.00	110.78 8.02 -0.01	125.00 7.84 -0.13	150.16 4.79 0.00	131.36 6.49 0.00	122.04 7.35 -1.59	105.92 4.95 -0.01	96.27 5.10 -0.01	91.11 3.84 0.00	83.26 3.74 0.00



JAMAICA__27_KV_LOAD 355505	74.00 1.38 0.00	69.80 1.30 0.00	67.52 1.19 0.00	66.99 1.12 0.00	65.74 0.84 0.00	70.74 1.59 0.00	92.16 2.34 0.00	103.38 2.52 0.00	103.35 3.69 0.00	119.13 4.58 0.00	119.50 3.93 0.00	120.33 4.29 0.00	117.26 3.86 0.00	112.73 3.71 0.00	111.19 3.45 0.00	106.45 3.70 0.00	121.01 3.98 0.00	150.46 5.09 0.00	129.49 4.62 0.00	116.83 3.73 0.00	103.59 2.63 0.00	93.63 2.46 0.00	89.45 2.18 0.00	80.95 1.43 0.00
JANIS__SOLAR 323808	74.87 2.25 0.00	70.63 2.13 0.00	68.25 1.92 0.00	67.78 1.91 0.00	66.91 2.01 0.00	71.50 2.35 0.00	92.88 3.06 0.00	106.30 5.44 0.00	104.55 4.88 0.00	119.71 5.16 0.00	120.78 5.21 0.00	120.69 4.65 0.00	117.82 4.42 0.00	113.27 4.25 0.00	111.94 4.20 0.00	106.75 4.00 0.00	123.23 6.20 0.00	154.24 8.87 0.00	132.23 7.37 0.00	119.77 6.67 0.00	106.82 5.85 0.00	94.99 3.83 0.00	90.76 3.49 0.00	82.71 3.18 0.00
JARVIS____ 23743	72.84 0.22 0.00	68.71 0.21 0.00	66.52 0.20 0.00	66.00 0.13 0.00	65.09 0.20 0.00	69.28 0.14 0.00	90.09 0.27 0.00	101.06 0.20 0.00	99.86 0.20 0.00	114.78 0.23 0.00	115.80 0.23 0.00	116.39 0.35 0.00	113.75 0.34 0.00	109.35 0.33 0.00	107.96 0.22 0.00	103.16 0.41 0.00	117.26 0.23 0.00	145.66 0.29 0.00	125.12 0.25 0.00	113.33 0.23 0.00	101.17 0.20 0.00	91.35 0.18 0.00	87.44 0.17 0.00	79.68 0.16 0.00
JENNISON____1 23625	74.94 2.32 0.00	70.83 2.33 0.00	68.45 2.12 0.00	67.84 1.98 0.00	67.10 2.21 0.00	71.43 2.28 0.00	93.06 3.23 0.00	105.60 4.74 0.00	104.85 5.18 0.00	120.27 5.73 0.00	121.81 6.24 0.00	121.96 5.92 0.00	119.19 5.78 0.00	114.47 5.45 0.00	112.81 5.06 0.00	107.37 4.62 0.00	123.47 6.44 0.00	154.24 8.87 0.00	131.73 6.87 0.00	119.55 6.45 0.00	106.82 5.86 0.00	94.99 3.83 0.00	90.76 3.49 0.00	82.62 3.10 0.00
JENNISON____2 23626	74.94 2.32 0.00	70.83 2.33 0.00	68.45 2.12 0.00	67.84 1.98 0.00	67.10 2.21 0.00	71.43 2.28 0.00	93.06 3.23 0.00	105.60 4.74 0.00	104.85 5.18 0.00	120.27 5.73 0.00	121.81 6.24 0.00	121.96 5.92 0.00	119.19 5.78 0.00	114.47 5.45 0.00	112.81 5.06 0.00	107.37 4.62 0.00	123.47 6.44 0.00	154.24 8.87 0.00	131.73 6.87 0.00	119.55 6.45 0.00	106.82 5.86 0.00	94.99 3.83 0.00	90.76 3.49 0.00	82.62 3.10 0.00
JERICOHO_RISE_WT_PWR 323719	74.22 1.60 0.00	69.94 1.44 0.00	67.85 1.53 0.00	67.32 1.45 0.00	66.32 1.43 0.00	70.74 1.59 0.00	91.97 2.15 0.00	103.18 2.32 0.00	102.05 2.39 0.00	117.29 2.74 0.00	118.34 2.77 0.00	118.94 2.90 0.00	116.12 2.72 0.00	111.63 2.61 0.00	110.33 2.58 0.00	105.01 2.26 0.00	119.83 2.80 0.00	149.15 3.77 0.00	127.99 3.12 0.00	115.93 2.83 0.00	103.49 2.53 0.00	93.44 2.28 0.00	89.53 2.27 0.00	81.75 2.22 0.00
KATONAH__115KV_46KV_TB4 355592	74.94 2.32 0.00	70.69 2.19 0.00	68.45 2.12 0.00	67.91 2.04 0.00	66.84 1.95 0.00	71.43 2.28 0.00	93.06 3.23 0.00	104.18 3.33 0.00	103.85 4.19 0.00	119.59 5.04 0.00	120.77 5.20 0.00	121.73 5.69 0.00	118.40 4.99 0.00	113.82 4.80 0.00	112.27 4.53 0.00	107.47 4.73 0.00	122.06 5.03 0.00	151.48 6.11 0.00	130.24 5.37 0.00	117.96 4.86 0.00	104.80 3.84 0.00	94.54 3.37 0.00	89.80 2.53 0.00	81.59 2.07 0.00
KCE_NY_1 323755	75.53 2.91 0.00	71.31 2.81 0.00	69.05 2.72 0.00	68.57 2.70 0.00	67.69 2.79 0.00	72.12 2.97 0.00	93.96 4.13 0.00	105.29 4.43 0.00	104.65 4.98 0.00	120.16 5.61 0.00	121.23 5.66 0.00	121.61 5.57 0.00	118.39 4.98 0.00	113.81 4.79 0.00	112.38 4.63 0.00	107.68 4.93 0.00	122.42 5.39 0.00	152.21 6.83 0.00	130.61 5.75 0.00	118.19 5.09 0.00	105.40 4.44 0.00	94.90 3.74 0.00	90.67 3.40 0.00	82.38 2.86 0.00
KCE_NY_6_ESR 323823	71.46 -1.16 0.00	67.47 -1.03 0.00	65.00 -1.33 0.00	64.68 -1.18 0.00	63.93 -0.97 0.00	66.93 -2.22 0.00	84.25 -5.57 0.00	97.63 -3.23 0.00	94.68 -4.98 0.00	108.25 -6.30 0.00	109.10 -6.47 0.00	108.96 -7.08 0.00	105.92 -7.49 0.00	101.39 -7.63 0.00	100.74 -7.00 0.00	95.76 -6.99 0.00	111.07 -5.96 0.00	137.38 -8.00 0.00	118.37 -6.50 0.00	107.56 -5.54 0.00	96.82 -4.14 0.00	86.61 -4.56 0.00	84.74 -2.53 0.00	78.33 -1.19 0.00
KEDC_PORT_JEFF_GT2 24210	77.12 4.50 0.00	72.47 3.97 0.00	69.77 3.45 0.00	69.23 3.36 0.00	67.95 3.05 0.00	72.53 3.39 0.00	93.96 4.13 0.00	100.96 0.10 0.00	104.15 4.49 0.00	117.64 3.09 0.00	119.85 4.28 0.00	121.61 5.57 0.00	119.07 5.67 0.00	114.80 5.77 0.00	113.99 6.25 0.00	109.34 6.58 -0.01	123.46 6.32 -0.11	147.26 1.88 0.00	128.86 3.99 0.00	120.49 5.99 -1.40	104.71 3.74 -0.01	95.37 4.20 -0.01	90.32 3.05 0.00	82.54 3.02 0.00
KEDC_PORT_JEFF_GT3 24211	77.12 4.50 0.00	72.47 3.97 0.00	69.77 3.45 0.00	69.23 3.36 0.00	67.95 3.05 0.00	72.53 3.39 0.00	93.96 4.13 0.00	100.96 0.10 0.00	104.15 4.49 0.00	117.64 3.09 0.00	119.85 4.28 0.00	121.61 5.57 0.00	119.07 5.67 0.00	114.80 5.77 0.00	113.99 6.25 0.00	109.34 6.58 -0.01	123.46 6.32 -0.11	147.26 1.88 0.00	128.86 3.99 0.00	120.49 5.99 -1.40	104.71 3.74 -0.01	95.37 4.20 -0.01	90.32 3.05 0.00	82.54 3.02 0.00
KEDC_GLWD_GT4 24219	75.53 2.91 0.00	71.24 2.74 0.00	68.85 2.52 0.00	68.31 2.44 0.00	67.17 2.27 0.00	71.63 2.49 0.00	93.42 3.60 0.00	103.27 2.42 0.00	104.25 4.59 0.00	119.13 4.59 0.00	121.12 5.55 0.00	122.42 6.38 0.00	119.30 5.89 0.00	114.69 5.67 0.00	113.35 5.60 0.00	108.61 5.85 -0.01	123.61 6.08 -0.49	151.62 6.25 0.00	130.74 5.87 0.00	125.24 5.76 -6.38	105.11 4.14 -0.01	95.46 4.29 -0.01	90.24 2.97 0.00	82.23 2.71 0.00
KEDC_GLWD_GT5 24220	75.53 2.91 0.00	71.24 2.74 0.00	68.85 2.52 0.00	68.31 2.44 0.00	67.17 2.27 0.00	71.63 2.49 0.00	93.42 3.60 0.00	103.27 2.42 0.00	104.25 4.59 0.00	119.13 4.59 0.00	121.12 5.55 0.00	122.42 6.38 0.00	119.30 5.89 0.00	114.69 5.67 0.00	113.35 5.60 0.00	108.61 5.85 -0.01	123.61 6.08 -0.49	151.62 6.25 0.00	130.74 5.87 0.00	125.24 5.76 -6.38	105.11 4.14 -0.01	95.46 4.29 -0.01	90.24 2.97 0.00	82.23 2.71 0.00
KENSICO____ 23655	74.36 1.74 0.00	70.14 1.64 0.00	67.85 1.53 0.00	67.38 1.51 0.00	66.26 1.36 0.00	70.87 1.73 0.00	92.25 2.43 0.00	103.08 2.22 0.00	102.85 3.19 0.00	118.33 3.78 0.00	119.62 4.05 0.00	120.45 4.41 0.00	117.26 3.86 0.00	112.73 3.71 0.00	111.19 3.45 0.00	106.45 3.70 0.00	120.89 3.86 0.00	149.88 4.51 0.00	128.99 4.12 0.00	116.72 3.62 0.00	103.69 2.73 0.00	93.72 2.55 0.00	89.01 1.75 0.00	80.95 1.43 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	75.31 2.69 0.00	71.03 2.53 0.00	68.71 2.39 0.00	68.24 2.37 0.00	67.17 2.27 0.00	71.91 2.77 0.00	93.77 3.95 0.00	105.09 4.24 0.00	104.15 4.48 0.00	119.93 5.38 0.00	120.89 5.32 0.00	121.61 5.57 0.00	118.62 5.22 0.00	114.04 5.02 0.00	112.59 4.85 0.00	107.68 4.93 0.00	122.76 5.73 0.00	152.64 7.27 0.00	131.24 6.37 0.00	118.76 5.66 0.00	105.31 4.34 0.00	95.27 4.10 0.00	90.41 3.14 0.00	82.15 2.62 0.00



KIAC_JFK_GT1 23816	73.49 0.87 0.00	69.39 0.89 0.00	67.12 0.80 0.00	66.66 0.79 0.00	65.42 0.52 0.00	70.25 1.11 0.00	91.62 1.80 0.00	102.67 1.82 0.00	102.65 2.99 0.00	118.33 3.78 0.00	118.69 3.12 0.00	119.64 3.60 0.00	116.47 3.06 0.00	111.97 2.94 0.00	110.44 2.69 0.00	105.73 2.98 0.00	120.19 3.16 0.00	149.44 4.07 0.00	128.49 3.62 0.00	116.04 2.94 0.00	102.78 1.82 0.00	93.08 1.91 0.00	88.84 1.57 0.00	80.48 0.95 0.00
KIAC_JFK_GT2 23817	73.49 0.87 0.00	69.39 0.89 0.00	67.12 0.80 0.00	66.66 0.79 0.00	65.42 0.52 0.00	70.25 1.11 0.00	91.62 1.80 0.00	102.67 1.82 0.00	102.65 2.99 0.00	118.33 3.78 0.00	118.69 3.12 0.00	119.64 3.60 0.00	116.47 3.06 0.00	111.97 2.94 0.00	110.44 2.69 0.00	105.73 2.98 0.00	120.19 3.16 0.00	149.44 4.07 0.00	128.49 3.62 0.00	116.04 2.94 0.00	102.78 1.82 0.00	93.08 1.91 0.00	88.84 1.57 0.00	80.48 0.95 0.00
KIAC_JFK____ 323774	73.42 0.80 0.00	69.39 0.89 0.00	67.19 0.86 0.00	66.66 0.79 0.00	65.48 0.58 0.00	70.11 0.97 0.00	91.62 1.80 0.00	102.47 1.61 0.00	102.95 3.28 0.00	118.44 3.90 0.00	118.80 3.23 0.00	119.86 3.82 0.00	116.58 3.17 0.00	111.97 2.94 0.00	110.54 2.80 0.00	105.94 3.19 0.00	119.96 2.93 0.00	149.73 4.36 0.00	128.36 3.49 0.00	116.04 2.94 0.00	102.78 1.82 0.00	92.99 1.82 0.00	88.92 1.65 0.00	80.48 0.96 0.00
KINTIGH__24_KV_GSU 356498	70.44 -2.18 0.00	66.45 -2.05 0.00	64.07 -2.26 0.00	63.76 -2.11 0.00	63.01 -1.88 0.00	65.97 -3.18 0.00	83.18 -6.65 0.00	96.02 -4.84 0.00	93.39 -6.28 0.00	106.87 -7.67 0.00	107.60 -7.97 0.00	107.57 -8.47 0.00	104.68 -8.73 0.00	100.30 -8.73 0.00	99.66 -8.08 0.00	94.84 -7.91 0.00	109.66 -7.37 0.00	135.48 -9.89 0.00	116.62 -8.25 0.00	106.09 -7.01 0.00	95.41 -5.55 0.00	85.51 -5.65 0.00	83.43 -3.84 0.00	76.97 -2.55 0.00
KINTIGH____ 23543	70.15 -2.47 0.00	66.38 -2.12 0.00	64.14 -2.19 0.00	63.89 -1.98 0.00	63.21 -1.69 0.00	65.48 -3.66 0.00	83.18 -6.65 0.00	94.30 -6.56 0.00	93.19 -6.48 0.00	106.18 -8.36 0.00	107.02 -8.55 0.00	106.99 -9.05 0.00	104.33 -9.07 0.00	99.86 -9.16 0.00	99.56 -8.19 0.00	94.22 -8.53 0.00	108.72 -8.31 0.00	135.49 -9.89 0.00	115.38 -9.49 0.00	105.07 -8.03 0.00	94.91 -6.06 0.00	85.51 -5.65 0.00	83.43 -3.84 0.00	76.90 -2.62 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	75.38 2.76 0.00	71.10 2.60 0.00	68.98 2.65 0.00	68.44 2.57 0.00	67.43 2.53 0.00	71.98 2.83 0.00	93.59 3.77 0.00	105.29 4.44 0.00	103.95 4.29 0.00	119.24 4.70 0.00	120.20 4.62 0.00	120.80 4.76 0.00	117.83 4.42 0.00	113.27 4.25 0.00	111.95 4.20 0.00	106.65 3.90 0.00	121.71 4.68 0.00	151.92 6.54 0.00	130.36 5.49 0.00	118.08 4.98 0.00	105.31 4.34 0.00	94.99 3.83 0.00	91.02 3.75 0.00	83.02 3.50 0.00
LACHUTE____HYDRO 323717	77.99 5.37 0.00	73.64 5.14 0.00	71.23 4.91 0.00	70.87 5.00 0.00	70.09 5.19 0.00	74.82 5.67 0.00	97.91 8.09 0.00	110.24 9.38 0.00	109.73 10.06 0.00	125.65 11.11 0.00	126.78 11.21 0.00	126.95 10.90 0.00	123.27 9.86 0.00	118.28 9.26 0.00	116.80 9.05 0.00	112.20 9.45 0.00	128.38 11.35 0.00	160.05 14.68 0.00	136.74 11.87 0.00	123.62 10.52 0.00	110.25 9.28 0.00	98.36 7.20 0.00	93.82 6.55 0.00	84.93 5.41 0.00
LAWRNCALV_115KV_TB1 80681	74.22 1.60 0.00	70.14 1.64 0.00	67.98 1.66 0.00	67.45 1.58 0.00	66.45 1.56 0.00	70.67 1.52 0.00	91.89 2.07 0.00	102.97 2.12 0.00	101.46 1.79 0.00	117.07 2.52 0.00	118.46 2.89 0.00	119.06 3.02 0.00	116.35 2.95 0.00	111.75 2.73 0.00	109.90 2.15 0.00	104.19 1.44 0.00	118.43 1.40 0.00	147.55 2.18 0.00	126.62 1.75 0.00	114.80 1.70 0.00	102.28 1.31 0.00	92.53 1.37 0.00	88.84 1.57 0.00	81.43 1.91 0.00
LEDERLE____ 23769	74.15 1.53 0.00	69.94 1.44 0.00	67.65 1.33 0.00	67.19 1.32 0.00	66.06 1.17 0.00	70.81 1.66 0.00	92.07 2.25 0.00	103.18 2.32 0.00	102.75 3.09 0.00	118.21 3.67 0.00	119.50 3.93 0.00	120.33 4.29 0.00	117.03 3.63 0.00	112.62 3.60 0.00	111.09 3.34 0.00	106.24 3.49 0.00	120.66 3.63 0.00	149.73 4.36 0.00	128.74 3.87 0.00	116.61 3.51 0.00	103.59 2.63 0.00	93.63 2.46 0.00	88.93 1.66 0.00	80.79 1.27 0.00
LIGHTHSE_115KV_TB6 355974	71.39 -1.23 0.00	67.27 -1.23 0.00	65.13 -1.19 0.00	64.62 -1.25 0.00	63.79 -1.10 0.00	67.76 -1.38 0.00	87.76 -2.07 0.00	100.45 -0.40 0.00	99.37 -0.30 0.00	114.43 -0.11 0.00	116.03 0.46 0.00	116.16 0.12 0.00	113.41 0.00 0.00	109.02 0.00 0.00	107.64 -0.11 0.00	101.10 -1.64 0.00	115.51 -1.52 0.00	143.92 -1.45 0.00	123.24 -1.62 0.00	111.74 -1.36 0.00	99.75 -1.21 0.00	89.70 -1.46 0.00	86.14 -1.13 0.00	78.49 -1.03 0.00
LINDEN COGEN____ 23786	73.93 1.31 0.00	69.80 1.30 0.00	67.65 1.33 0.00	67.12 1.25 0.00	66.00 1.10 0.00	70.39 1.25 0.00	91.71 1.89 0.00	102.27 1.41 0.00	102.65 2.99 0.00	117.98 3.43 0.00	119.27 3.70 0.00	120.34 4.30 0.00	117.03 3.63 0.00	112.41 3.38 0.00	110.98 3.23 0.00	106.44 3.69 0.00	120.54 3.51 0.00	149.88 4.51 0.00	128.61 3.74 0.00	116.38 3.28 0.00	103.09 2.12 0.00	93.26 2.10 0.00	88.58 1.31 0.00	80.55 1.03 0.00
LINDHRST_69_KV_BK1 356055	77.49 4.87 0.00	72.81 4.32 0.00	70.11 3.78 0.00	69.62 3.75 0.00	68.34 3.44 0.00	73.57 4.43 0.00	95.48 5.66 0.00	104.79 3.93 0.00	104.35 4.68 0.00	119.36 4.81 0.00	122.28 6.70 0.00	123.82 7.77 0.00	120.55 7.14 0.00	116.54 7.52 0.00	114.96 7.22 0.00	110.66 7.91 0.00	126.26 8.89 -0.33	152.35 6.98 0.00	132.61 7.74 0.00	125.18 7.80 -4.28	108.03 7.07 0.00	97.55 6.38 0.00	92.33 5.06 0.00	83.97 4.45 0.00
LIPA_MISC_IPP 23656	77.34 4.72 0.00	72.61 4.11 0.00	69.84 3.52 0.00	69.29 3.43 0.00	68.01 3.12 0.00	73.23 4.08 0.00	93.77 3.95 0.00	101.16 0.30 0.00	101.36 1.69 0.00	117.18 2.63 0.00	120.31 4.74 0.00	122.07 6.03 0.00	118.85 5.44 0.00	115.02 6.00 0.00	113.46 5.71 0.00	109.12 6.37 0.00	124.28 7.14 -0.11	147.55 2.18 0.00	130.24 5.37 0.00	120.97 6.56 -1.31	106.62 5.65 0.00	94.35 3.19 0.00	90.15 2.88 0.00	81.67 2.15 0.00
LISF____SOLAR 323691	77.49 4.87 0.00	72.75 4.25 0.00	70.04 3.71 0.00	69.42 3.55 0.00	68.20 3.31 0.00	72.74 3.59 0.00	93.68 3.86 0.00	99.95 -0.91 0.00	104.05 4.38 0.00	118.10 3.55 0.00	120.65 5.08 0.00	122.53 6.49 0.00	119.87 6.46 0.00	115.56 6.54 0.00	114.65 6.90 0.00	109.95 7.19 -0.01	124.40 7.26 -0.11	148.28 2.91 0.00	130.61 5.75 0.00	121.34 6.90 -1.34	104.81 3.84 -0.01	94.45 3.28 -0.01	89.45 2.18 0.00	81.83 2.31 0.00
LITTLE FALLS____HYD 24013	79.52 6.90 0.00	75.01 6.51 0.00	72.49 6.17 0.00	71.93 6.06 0.00	70.93 6.04 0.00	75.23 6.08 0.00	97.64 7.81 0.00	109.63 8.77 0.00	108.44 8.77 0.00	124.63 10.08 0.00	126.20 10.63 0.00	126.72 10.68 0.00	123.95 10.55 0.00	119.27 10.25 0.00	117.77 10.02 0.00	112.20 9.45 0.00	127.91 10.88 0.00	158.75 13.37 0.00	136.11 11.24 0.00	123.17 10.07 0.00	109.95 8.99 0.00	99.00 7.84 0.00	95.21 7.94 0.00	86.76 7.24 0.00



LITTLRIV_115KV_TB1 356100	75.09 2.47 0.00	71.03 2.53 0.00	68.85 2.52 0.00	68.24 2.37 0.00	67.30 2.40 0.00	71.57 2.42 0.00	93.24 3.41 0.00	104.49 3.63 0.00	102.95 3.29 0.00	118.67 4.12 0.00	120.08 4.51 0.00	120.68 4.64 0.00	117.72 4.31 0.00	113.17 4.14 0.00	111.19 3.45 0.00	105.52 2.77 0.00	120.19 3.16 0.00	150.03 4.65 0.00	128.61 3.75 0.00	116.61 3.51 0.00	103.79 2.83 0.00	93.81 2.64 0.00	90.06 2.79 0.00	82.46 2.94 0.00
LI_NEWBRDGE___DRP 323616	75.82 3.20 0.00	71.31 2.81 0.00	68.78 2.45 0.00	68.24 2.37 0.00	67.04 2.14 0.00	72.05 2.90 0.00	93.42 3.59 0.00	102.87 2.02 0.00	102.46 2.79 0.00	117.30 2.75 0.00	119.96 4.39 0.00	121.38 5.34 0.00	118.17 4.76 0.00	114.15 5.12 0.00	112.59 4.85 0.00	108.09 5.34 0.00	122.79 5.73 -0.03	149.15 3.78 0.00	129.74 4.87 0.00	118.76 5.43 -0.23	105.41 4.44 0.00	95.27 4.10 0.00	90.32 3.05 0.00	82.15 2.62 0.00
LOCKPORT_115KV_TB60_63_64 80432	69.79 -2.83 0.00	66.10 -2.40 0.00	63.87 -2.45 0.00	63.56 -2.31 0.00	63.01 -1.88 0.00	64.86 -4.29 0.00	81.74 -8.08 0.00	92.79 -8.07 0.00	91.69 -7.97 0.00	104.24 -10.31 0.00	104.94 -10.63 0.00	104.90 -11.14 0.00	102.41 -11.00 0.00	97.79 -11.23 0.00	97.62 -10.13 0.00	92.37 -10.38 0.00	106.85 -10.18 0.00	133.16 -12.21 0.00	113.25 -11.61 0.00	103.37 -9.73 0.00	93.49 -7.47 0.00	84.24 -6.93 0.00	82.64 -4.63 0.00	76.58 -2.94 0.00
LOCKPORT___CC1 323769	70.01 -2.61 0.00	66.10 -2.40 0.00	63.60 -2.72 0.00	63.37 -2.50 0.00	62.62 -2.27 0.00	65.27 -3.87 0.00	81.47 -8.35 0.00	94.40 -6.46 0.00	91.49 -8.17 0.00	104.69 -9.85 0.00	105.40 -10.17 0.00	105.25 -10.79 0.00	102.30 -11.11 0.00	98.02 -11.01 0.00	97.40 -10.34 0.00	92.68 -10.07 0.00	107.44 -9.59 0.00	132.43 -12.94 0.00	114.25 -10.61 0.00	104.05 -9.05 0.00	93.80 -7.17 0.00	83.87 -7.30 0.00	82.30 -4.97 0.00	76.42 -3.10 0.00
LOCKPORT___CC2 323770	70.01 -2.61 0.00	66.10 -2.40 0.00	63.60 -2.72 0.00	63.37 -2.50 0.00	62.62 -2.27 0.00	65.27 -3.87 0.00	81.47 -8.35 0.00	94.40 -6.46 0.00	91.49 -8.17 0.00	104.69 -9.85 0.00	105.40 -10.17 0.00	105.25 -10.79 0.00	102.30 -11.11 0.00	98.02 -11.01 0.00	97.40 -10.34 0.00	92.68 -10.07 0.00	107.44 -9.59 0.00	132.43 -12.94 0.00	114.25 -10.61 0.00	104.05 -9.05 0.00	93.80 -7.17 0.00	83.87 -7.30 0.00	82.30 -4.97 0.00	76.42 -3.10 0.00
LOCKPORT___CC3 323771	70.01 -2.61 0.00	66.10 -2.40 0.00	63.60 -2.72 0.00	63.37 -2.50 0.00	62.62 -2.27 0.00	65.27 -3.87 0.00	81.47 -8.35 0.00	94.40 -6.46 0.00	91.49 -8.17 0.00	104.69 -9.85 0.00	105.40 -10.17 0.00	105.25 -10.79 0.00	102.30 -11.11 0.00	98.02 -11.01 0.00	97.40 -10.34 0.00	92.68 -10.07 0.00	107.44 -9.59 0.00	132.43 -12.94 0.00	114.25 -10.61 0.00	104.05 -9.05 0.00	93.80 -7.17 0.00	83.87 -7.30 0.00	82.30 -4.97 0.00	76.42 -3.10 0.00
LOCUSVLY_69_KV_BK2 55797	76.11 3.49 0.00	71.65 3.15 0.00	69.11 2.79 0.00	68.64 2.77 0.00	67.43 2.53 0.00	72.33 3.18 0.00	93.95 4.13 0.00	103.98 3.13 0.00	103.65 3.99 0.00	118.90 4.35 0.00	121.35 5.78 0.00	122.77 6.73 0.00	119.53 6.12 0.00	115.24 6.21 0.00	113.67 5.93 0.00	109.02 6.27 0.00	124.35 6.90 -0.42	151.48 6.11 0.00	131.24 6.37 0.00	124.93 6.45 -5.38	106.21 5.25 0.00	96.00 4.83 0.00	90.85 3.58 0.00	82.62 3.10 0.00
LONG_LAKE_PHOENIX 24014	70.44 -2.18 0.00	66.38 -2.12 0.00	64.27 -2.06 0.00	63.89 -1.98 0.00	63.01 -1.88 0.00	66.93 -2.21 0.00	86.77 -3.05 0.00	100.05 -0.81 0.00	98.87 -0.80 0.00	113.63 -0.92 0.00	114.99 -0.58 0.00	115.00 -1.04 0.00	112.27 -1.13 0.00	108.04 -0.98 0.00	106.78 -0.97 0.00	99.46 -3.29 0.00	113.64 -3.39 0.00	141.59 -3.78 0.00	121.37 -3.50 0.00	109.93 -3.17 0.00	98.24 -2.73 0.00	88.43 -2.73 0.00	84.83 -2.44 0.00	77.37 -2.15 0.00
LOVETT___3 23632	73.85 1.23 0.00	69.66 1.16 0.00	67.39 1.06 0.00	66.92 1.05 0.00	65.81 0.91 0.00	70.46 1.31 0.00	91.62 1.80 0.00	102.47 1.61 0.00	102.16 2.49 0.00	117.41 2.86 0.00	118.69 3.12 0.00	119.52 3.48 0.00	116.35 2.95 0.00	111.97 2.94 0.00	110.44 2.69 0.00	105.63 2.88 0.00	119.96 2.93 0.00	148.72 3.34 0.00	127.99 3.12 0.00	115.93 2.83 0.00	103.08 2.12 0.00	93.17 2.01 0.00	88.49 1.22 0.00	80.48 0.95 0.00
LOVETT___4 23642	73.85 1.23 0.00	69.66 1.16 0.00	67.39 1.06 0.00	66.92 1.05 0.00	65.81 0.91 0.00	70.46 1.31 0.00	91.62 1.80 0.00	102.47 1.61 0.00	102.16 2.49 0.00	117.41 2.86 0.00	118.69 3.12 0.00	119.52 3.48 0.00	116.35 2.95 0.00	111.97 2.94 0.00	110.44 2.69 0.00	105.63 2.88 0.00	119.96 2.93 0.00	148.72 3.34 0.00	127.99 3.12 0.00	115.93 2.83 0.00	103.08 2.12 0.00	93.17 2.01 0.00	88.49 1.22 0.00	80.48 0.95 0.00
LOVETT___5 23593	73.85 1.23 0.00	69.66 1.16 0.00	67.39 1.06 0.00	66.92 1.05 0.00	65.81 0.91 0.00	70.46 1.31 0.00	91.62 1.80 0.00	102.47 1.61 0.00	102.16 2.49 0.00	117.41 2.86 0.00	118.69 3.12 0.00	119.52 3.48 0.00	116.35 2.95 0.00	111.97 2.94 0.00	110.44 2.69 0.00	105.63 2.88 0.00	119.96 2.93 0.00	148.72 3.34 0.00	127.99 3.12 0.00	115.93 2.83 0.00	103.08 2.12 0.00	93.17 2.01 0.00	88.49 1.22 0.00	80.48 0.95 0.00
LOWER RAQUET___HYD 24057	74.15 1.53 0.00	70.14 1.64 0.00	67.98 1.66 0.00	67.45 1.58 0.00	66.45 1.55 0.00	70.53 1.38 0.00	91.89 2.07 0.00	102.27 1.41 0.00	101.25 1.59 0.00	117.06 2.52 0.00	118.46 2.89 0.00	118.94 2.90 0.00	116.47 3.06 0.00	111.97 2.94 0.00	109.90 2.15 0.00	103.99 1.24 0.00	118.20 1.17 0.00	147.26 1.88 0.00	126.37 1.50 0.00	114.46 1.36 0.00	101.97 1.01 0.00	92.26 1.10 0.00	88.66 1.39 0.00	81.27 1.75 0.00
LOWER___HUDSON 24059	74.80 2.18 0.00	70.55 2.05 0.00	68.31 1.99 0.00	67.91 2.04 0.00	66.91 2.01 0.00	71.36 2.21 0.00	92.78 2.96 0.00	103.78 2.93 0.00	103.35 3.69 0.00	118.66 4.12 0.00	119.73 4.15 0.00	120.21 4.17 0.00	116.70 3.29 0.00	112.29 3.27 0.00	110.87 3.13 0.00	106.13 3.39 0.00	120.54 3.51 0.00	149.73 4.36 0.00	128.61 3.74 0.00	116.49 3.39 0.00	103.89 2.93 0.00	93.71 2.55 0.00	89.63 2.36 0.00	81.51 1.99 0.00
LOWVILLE_115KV_TB2 356335	74.73 2.11 0.00	70.01 1.51 0.00	67.59 1.26 0.00	66.86 0.99 0.00	66.13 1.23 0.00	70.46 1.31 0.00	91.80 1.98 0.00	103.88 3.03 0.00	103.05 3.39 0.00	119.36 4.81 0.00	121.58 6.01 0.00	121.73 5.69 0.00	119.08 5.67 0.00	114.36 5.34 0.00	112.49 4.74 0.00	106.86 4.11 0.00	121.59 4.56 0.00	151.77 6.40 0.00	130.11 5.24 0.00	118.08 4.98 0.00	105.00 4.04 0.00	94.81 3.65 0.00	90.50 3.23 0.00	82.23 2.70 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	75.52 2.90 0.00	71.24 2.74 0.00	68.98 2.65 0.00	68.50 2.63 0.00	67.56 2.66 0.00	72.12 2.97 0.00	93.86 4.04 0.00	105.19 4.34 0.00	104.55 4.88 0.00	120.04 5.50 0.00	121.12 5.55 0.00	121.38 5.34 0.00	118.28 4.88 0.00	113.71 4.69 0.00	112.38 4.63 0.00	107.58 4.83 0.00	122.41 5.38 0.00	151.92 6.54 0.00	130.61 5.74 0.00	118.19 5.09 0.00	105.41 4.44 0.00	94.81 3.65 0.00	90.59 3.32 0.00	82.30 2.78 0.00



LUTHERNY_35_KV_BK2 355980	75.52 2.90 0.00	71.31 2.81 0.00	68.98 2.65 0.00	68.57 2.70 0.00	67.62 2.73 0.00	72.19 3.04 0.00	93.95 4.13 0.00	105.29 4.44 0.00	104.65 4.98 0.00	120.16 5.61 0.00	121.24 5.66 0.00	121.49 5.45 0.00	118.40 4.99 0.00	113.82 4.80 0.00	112.49 4.74 0.00	107.68 4.93 0.00	122.53 5.50 0.00	152.06 6.69 0.00	130.74 5.87 0.00	118.19 5.09 0.00	105.51 4.54 0.00	94.90 3.74 0.00	90.67 3.40 0.00	82.38 2.86 0.00
LWR___OSWEGATCHIE_HYD 23850	73.85 1.23 0.00	69.60 1.10 0.00	67.39 1.06 0.00	66.72 0.86 0.00	65.87 0.97 0.00	69.77 0.62 0.00	90.72 0.90 0.00	102.17 1.31 0.00	101.06 1.40 0.00	116.84 2.29 0.00	119.16 3.58 0.00	119.64 3.60 0.00	116.81 3.40 0.00	112.29 3.27 0.00	110.33 2.59 0.00	104.60 1.85 0.00	118.32 1.29 0.00	147.55 2.18 0.00	126.62 1.75 0.00	114.80 1.70 0.00	102.18 1.21 0.00	92.80 1.64 0.00	88.84 1.57 0.00	81.11 1.59 0.00
LYONS_FALL_HYD 23570	75.01 2.39 0.00	70.41 1.92 0.00	68.05 1.72 0.00	67.38 1.52 0.00	66.58 1.68 0.00	71.08 1.93 0.00	92.51 2.69 0.00	104.48 3.63 0.00	103.75 4.09 0.00	119.93 5.38 0.00	121.92 6.35 0.00	122.19 6.15 0.00	119.41 6.01 0.00	114.80 5.77 0.00	112.92 5.17 0.00	107.38 4.63 0.00	122.30 5.27 0.00	152.49 7.12 0.00	130.86 5.99 0.00	118.64 5.54 0.00	105.61 4.65 0.00	95.17 4.01 0.00	90.76 3.49 0.00	82.47 2.94 0.00
MADISON___COUNTY_LFGE 323628	73.49 0.87 0.00	69.39 0.89 0.00	67.19 0.86 0.00	66.72 0.86 0.00	65.87 0.97 0.00	70.18 1.04 0.00	91.80 1.98 0.00	103.28 2.42 0.00	102.16 2.49 0.00	115.58 1.03 0.00	116.61 1.04 0.00	116.97 0.93 0.00	114.31 0.91 0.00	110.00 0.98 0.00	108.50 0.75 0.00	103.57 0.82 0.00	117.97 0.94 0.00	146.54 1.16 0.00	125.62 0.75 0.00	113.78 0.68 0.00	102.88 1.92 0.00	92.53 1.37 0.00	88.49 1.22 0.00	80.63 1.11 0.00
MALONE___115KV_TB1 356076	75.16 2.54 0.00	70.97 2.47 0.00	68.85 2.52 0.00	68.31 2.44 0.00	67.30 2.40 0.00	71.77 2.63 0.00	93.42 3.59 0.00	105.29 4.44 0.00	103.85 4.19 0.00	119.24 4.70 0.00	120.43 4.85 0.00	121.03 4.99 0.00	117.94 4.54 0.00	113.38 4.36 0.00	111.95 4.20 0.00	106.55 3.80 0.00	121.59 4.56 0.00	151.77 6.40 0.00	130.24 5.37 0.00	117.96 4.86 0.00	105.20 4.24 0.00	94.90 3.74 0.00	90.93 3.67 0.00	82.94 3.42 0.00
MAPLEWOD_115KV_TB3 80458	74.44 1.82 0.00	70.21 1.71 0.00	67.98 1.66 0.00	67.58 1.71 0.00	66.58 1.69 0.00	71.01 1.87 0.00	92.16 2.34 0.00	103.08 2.22 0.00	102.75 3.09 0.00	118.10 3.55 0.00	119.16 3.58 0.00	119.64 3.60 0.00	116.24 2.84 0.00	111.86 2.83 0.00	110.44 2.69 0.00	105.73 2.98 0.00	120.07 3.04 0.00	148.86 3.49 0.00	128.11 3.25 0.00	115.93 2.83 0.00	103.29 2.32 0.00	93.17 2.01 0.00	89.01 1.75 0.00	80.95 1.43 0.00
MAPLE_RIDGE_WT_1 323574	72.55 -0.07 0.00	68.36 -0.14 0.00	66.13 -0.20 0.00	65.48 -0.39 0.00	64.45 -0.45 0.00	68.67 -0.48 0.00	89.38 -0.45 0.00	100.25 -0.60 0.00	99.17 -0.50 0.00	114.32 -0.23 0.00	115.57 0.00 0.00	116.27 0.23 0.00	113.86 0.46 0.00	109.46 0.44 0.00	108.18 0.43 0.00	103.06 0.31 0.00	117.38 0.35 0.00	145.66 0.29 0.00	124.99 0.13 0.00	113.21 0.11 0.00	101.06 0.10 0.00	91.25 0.09 0.00	87.44 0.17 0.00	79.68 0.16 0.00
MAPLE_RIDGE_WT_2 323611	72.55 -0.07 0.00	68.36 -0.14 0.00	66.13 -0.20 0.00	65.48 -0.39 0.00	64.45 -0.45 0.00	68.67 -0.48 0.00	89.38 -0.45 0.00	100.25 -0.60 0.00	99.17 -0.50 0.00	114.32 -0.23 0.00	115.57 0.00 0.00	116.27 0.23 0.00	113.86 0.46 0.00	109.46 0.44 0.00	108.18 0.43 0.00	103.06 0.31 0.00	117.38 0.35 0.00	145.66 0.29 0.00	124.99 0.13 0.00	113.21 0.11 0.00	101.06 0.10 0.00	91.25 0.09 0.00	87.44 0.17 0.00	79.68 0.16 0.00
MARBLE_RIVER_WT_PWR 323696	74.22 1.60 0.00	69.94 1.44 0.00	67.85 1.53 0.00	67.32 1.45 0.00	66.32 1.43 0.00	70.74 1.59 0.00	91.97 2.15 0.00	103.07 2.22 0.00	102.05 2.39 0.00	117.29 2.74 0.00	118.34 2.77 0.00	118.94 2.90 0.00	116.12 2.72 0.00	111.63 2.61 0.00	110.33 2.58 0.00	104.91 2.16 0.00	119.83 2.80 0.00	149.01 3.64 0.00	127.99 3.12 0.00	115.93 2.83 0.00	103.38 2.42 0.00	93.35 2.18 0.00	89.45 2.18 0.00	81.67 2.15 0.00
MARSHVLE_115KV_TB1 80742	72.77 0.15 0.00	68.64 0.14 0.00	66.33 0.00 0.00	66.00 0.13 0.00	65.22 0.32 0.00	69.91 0.76 0.00	91.62 1.80 0.00	102.67 1.82 0.00	101.36 1.69 0.00	115.12 0.57 0.00	115.80 0.23 0.00	115.92 -0.12 0.00	113.07 -0.34 0.00	109.02 0.00 0.00	107.85 0.11 0.00	104.70 1.95 0.00	118.79 1.76 0.00	148.28 2.91 0.00	127.24 2.37 0.00	115.02 1.92 0.00	102.38 1.41 0.00	91.53 0.36 0.00	87.79 0.52 0.00	79.44 -0.08 0.00
MARSH_HILL_WT_PWR 323713	73.42 0.80 0.00	68.77 0.28 0.00	66.19 -0.13 0.00	65.87 0.00 0.00	65.29 0.39 0.00	70.25 1.10 0.00	91.71 1.89 0.00	106.81 5.95 0.00	105.24 5.58 0.00	119.82 5.27 0.00	120.78 5.21 0.00	120.45 4.41 0.00	117.37 3.97 0.00	112.61 3.59 0.00	111.09 3.34 0.00	105.32 2.57 0.00	121.36 4.33 0.00	152.06 6.69 0.00	128.98 4.11 0.00	116.26 3.16 0.00	105.30 4.34 0.00	93.53 2.37 0.00	89.45 2.18 0.00	81.75 2.22 0.00
MCINTYRE_115KV_TB2 80467	75.60 2.98 0.00	71.51 3.01 0.00	69.31 2.98 0.00	68.70 2.83 0.00	67.75 2.86 0.00	72.19 3.04 0.00	94.04 4.22 0.00	105.50 4.64 0.00	103.85 4.19 0.00	119.47 4.93 0.00	120.66 5.09 0.00	121.26 5.22 0.00	118.28 4.88 0.00	113.71 4.69 0.00	111.95 4.20 0.00	106.45 3.70 0.00	121.48 4.45 0.00	151.62 6.25 0.00	129.99 5.12 0.00	117.85 4.75 0.00	105.00 4.04 0.00	94.81 3.65 0.00	90.85 3.58 0.00	83.10 3.58 0.00
MECO_____69_KV_BK1 80468	75.60 2.98 0.00	71.31 2.81 0.00	68.91 2.59 0.00	68.57 2.70 0.00	67.75 2.86 0.00	72.60 3.46 0.00	95.12 5.30 0.00	106.61 5.75 0.00	105.25 5.58 0.00	119.59 5.04 0.00	120.31 4.74 0.00	120.22 4.18 0.00	117.37 3.97 0.00	113.17 4.14 0.00	111.95 4.20 0.00	108.50 5.75 0.00	123.82 6.79 0.00	154.68 9.30 0.00	132.48 7.62 0.00	119.89 6.79 0.00	106.72 5.75 0.00	95.36 4.19 0.00	91.20 3.93 0.00	82.46 2.94 0.00
MENANDS___115KV_TB5 355628	74.15 1.53 0.00	69.94 1.44 0.00	67.72 1.39 0.00	67.25 1.38 0.00	66.26 1.36 0.00	70.74 1.59 0.00	91.71 1.89 0.00	102.47 1.61 0.00	102.16 2.49 0.00	117.52 2.98 0.00	118.58 3.00 0.00	119.06 3.02 0.00	115.67 2.27 0.00	111.20 2.18 0.00	109.90 2.15 0.00	105.11 2.36 0.00	119.37 2.34 0.00	147.84 2.47 0.00	127.36 2.50 0.00	115.25 2.15 0.00	102.68 1.72 0.00	92.62 1.46 0.00	88.58 1.31 0.00	80.48 0.95 0.00
MG INDUSTRY___DRP 24185	74.44 1.82 0.00	70.21 1.71 0.00	67.98 1.66 0.00	67.52 1.65 0.00	66.52 1.62 0.00	70.94 1.80 0.00	91.98 2.16 0.00	102.77 1.92 0.00	101.56 1.89 0.00	116.72 2.18 0.00	117.65 2.08 0.00	118.13 2.09 0.00	115.67 2.27 0.00	111.31 2.29 0.00	109.90 2.15 0.00	105.11 2.36 0.00	119.49 2.46 0.00	148.14 2.76 0.00	127.49 2.62 0.00	115.36 2.26 0.00	102.88 1.92 0.00	92.90 1.73 0.00	88.84 1.57 0.00	80.87 1.35 0.00



MID___OSWEGATCHIE_HYD 23849	73.85 1.23 0.00	69.60 1.10 0.00	67.39 1.06 0.00	66.72 0.86 0.00	65.87 0.97 0.00	69.77 0.62 0.00	90.72 0.90 0.00	102.17 1.31 0.00	101.06 1.40 0.00	116.84 2.29 0.00	119.16 3.58 0.00	119.64 3.60 0.00	116.81 3.40 0.00	112.29 3.27 0.00	110.33 2.59 0.00	104.60 1.85 0.00	118.32 1.29 0.00	147.55 2.18 0.00	126.62 1.75 0.00	114.80 1.70 0.00	102.18 1.21 0.00	92.80 1.64 0.00	88.84 1.57 0.00	81.11 1.59 0.00
MID___RAQUETTE_HYD 23851	74.15 1.53 0.00	70.14 1.64 0.00	67.98 1.66 0.00	67.45 1.58 0.00	66.45 1.56 0.00	70.53 1.38 0.00	91.80 1.98 0.00	102.77 1.92 0.00	101.36 1.69 0.00	117.07 2.52 0.00	118.46 2.89 0.00	119.06 3.02 0.00	116.35 2.95 0.00	111.86 2.83 0.00	109.79 2.05 0.00	103.98 1.23 0.00	118.08 1.05 0.00	147.26 1.89 0.00	126.37 1.50 0.00	114.46 1.36 0.00	101.97 1.01 0.00	92.26 1.09 0.00	88.67 1.40 0.00	81.27 1.75 0.00
MILLIKEN___1 23584	72.69 0.07 0.00	68.57 0.07 0.00	66.39 0.07 0.00	66.00 0.13 0.00	65.09 0.19 0.00	69.15 0.00 0.00	89.82 0.00 0.00	101.87 1.01 0.00	100.56 0.90 0.00	115.23 0.69 0.00	116.27 0.69 0.00	116.27 0.23 0.00	113.52 0.11 0.00	109.13 0.11 0.00	107.96 0.22 0.00	102.75 0.00 0.00	118.08 1.05 0.00	147.84 2.47 0.00	126.24 1.37 0.00	114.34 1.24 0.00	102.48 1.51 0.00	91.71 0.55 0.00	87.88 0.61 0.00	80.24 0.72 0.00
MILLIKEN___2 23585	72.69 0.07 0.00	68.57 0.07 0.00	66.39 0.07 0.00	66.00 0.13 0.00	65.09 0.19 0.00	69.15 0.00 0.00	89.82 0.00 0.00	101.87 1.01 0.00	100.56 0.90 0.00	115.23 0.69 0.00	116.27 0.69 0.00	116.27 0.23 0.00	113.52 0.11 0.00	109.13 0.11 0.00	107.96 0.22 0.00	102.75 0.00 0.00	118.08 1.05 0.00	147.84 2.47 0.00	126.24 1.37 0.00	114.34 1.24 0.00	102.48 1.51 0.00	91.71 0.55 0.00	87.88 0.61 0.00	80.24 0.72 0.00
MILLIKEN___DIESEL 23629	72.69 0.07 0.00	68.57 0.07 0.00	66.39 0.07 0.00	66.00 0.13 0.00	65.09 0.19 0.00	69.15 0.00 0.00	89.82 0.00 0.00	101.87 1.01 0.00	100.56 0.90 0.00	115.23 0.69 0.00	116.27 0.69 0.00	116.27 0.23 0.00	113.52 0.11 0.00	109.13 0.11 0.00	107.96 0.22 0.00	102.75 0.00 0.00	118.08 1.05 0.00	147.84 2.47 0.00	126.24 1.37 0.00	114.34 1.24 0.00	102.48 1.51 0.00	91.71 0.55 0.00	87.88 0.61 0.00	80.24 0.72 0.00
MILLSEAT___LFGE 323607	71.46 -1.16 0.00	67.40 -1.10 0.00	64.87 -1.46 0.00	64.62 -1.25 0.00	63.99 -0.91 0.00	66.87 -2.28 0.00	83.99 -5.84 0.00	97.43 -3.43 0.00	94.68 -4.98 0.00	108.36 -6.19 0.00	108.87 -6.71 0.00	108.73 -7.31 0.00	105.92 -7.49 0.00	101.17 -7.85 0.00	100.96 -6.78 0.00	95.87 -6.88 0.00	111.30 -5.73 0.00	137.81 -7.57 0.00	118.50 -6.36 0.00	107.90 -5.20 0.00	97.02 -3.94 0.00	86.70 -4.46 0.00	84.56 -2.71 0.00	78.25 -1.28 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	74.22 1.60 0.00	70.07 1.58 0.00	67.78 1.46 0.00	67.32 1.45 0.00	66.19 1.30 0.00	70.81 1.66 0.00	92.07 2.25 0.00	102.97 2.12 0.00	102.65 2.99 0.00	118.10 3.55 0.00	119.39 3.81 0.00	120.33 4.29 0.00	117.03 3.63 0.00	112.62 3.60 0.00	111.09 3.34 0.00	106.24 3.49 0.00	120.77 3.74 0.00	149.59 4.22 0.00	128.74 3.87 0.00	116.49 3.39 0.00	103.59 2.63 0.00	93.63 2.46 0.00	88.93 1.66 0.00	80.87 1.35 0.00
MILLWOOD_13_KV_LOAD 356217	74.44 1.82 0.00	70.21 1.71 0.00	67.92 1.59 0.00	67.45 1.58 0.00	66.32 1.43 0.00	70.94 1.80 0.00	92.34 2.52 0.00	103.28 2.42 0.00	102.95 3.29 0.00	118.44 3.89 0.00	119.85 4.28 0.00	120.68 4.64 0.00	117.37 3.97 0.00	112.95 3.92 0.00	111.41 3.66 0.00	106.65 3.90 0.00	121.13 4.10 0.00	150.17 4.80 0.00	129.24 4.37 0.00	116.95 3.85 0.00	103.89 2.93 0.00	93.81 2.64 0.00	89.10 1.83 0.00	81.03 1.51 0.00
MODEL_CITY_ENERGY 24167	69.57 -3.05 0.00	65.69 -2.81 0.00	63.21 -3.12 0.00	62.97 -2.90 0.00	62.23 -2.66 0.00	64.86 -4.29 0.00	81.02 -8.80 0.00	93.99 -6.86 0.00	91.09 -8.57 0.00	104.24 -10.31 0.00	104.83 -10.74 0.00	104.79 -11.25 0.00	101.84 -11.57 0.00	97.46 -11.56 0.00	96.97 -10.77 0.00	92.27 -10.48 0.00	106.96 -10.07 0.00	131.86 -13.52 0.00	113.75 -11.11 0.00	103.49 -9.61 0.00	93.29 -7.68 0.00	83.51 -7.66 0.00	81.86 -5.41 0.00	75.94 -3.58 0.00
MODERN_LFGE___ 323580	69.57 -3.05 0.00	65.69 -2.81 0.00	63.21 -3.12 0.00	62.97 -2.90 0.00	62.23 -2.66 0.00	64.86 -4.29 0.00	81.02 -8.80 0.00	93.99 -6.86 0.00	91.09 -8.57 0.00	104.24 -10.31 0.00	104.83 -10.74 0.00	104.79 -11.25 0.00	101.84 -11.57 0.00	97.46 -11.56 0.00	96.97 -10.77 0.00	92.27 -10.48 0.00	106.96 -10.07 0.00	131.86 -13.52 0.00	113.75 -11.11 0.00	103.49 -9.61 0.00	93.29 -7.68 0.00	83.51 -7.66 0.00	81.86 -5.41 0.00	75.94 -3.58 0.00
MOHAWK_PAPER___DRP 24187	74.44 1.82 0.00	70.21 1.71 0.00	67.98 1.66 0.00	67.58 1.71 0.00	66.58 1.69 0.00	71.01 1.87 0.00	92.16 2.34 0.00	103.08 2.22 0.00	102.75 3.09 0.00	118.10 3.55 0.00	119.16 3.58 0.00	119.64 3.60 0.00	116.24 2.84 0.00	111.86 2.83 0.00	110.44 2.69 0.00	105.73 2.98 0.00	120.07 3.04 0.00	148.86 3.49 0.00	128.11 3.25 0.00	115.93 2.83 0.00	103.29 2.32 0.00	93.17 2.01 0.00	89.01 1.75 0.00	80.95 1.43 0.00
MOHICAN___35_KV_115KV_LD 80490	75.60 2.98 0.00	71.44 2.95 0.00	69.11 2.79 0.00	68.70 2.83 0.00	67.82 2.92 0.00	72.40 3.25 0.00	94.40 4.58 0.00	106.00 5.14 0.00	105.45 5.78 0.00	121.08 6.53 0.00	122.04 6.47 0.00	122.31 6.27 0.00	119.19 5.78 0.00	114.36 5.34 0.00	112.92 5.17 0.00	108.19 5.45 0.00	123.23 6.20 0.00	153.08 7.70 0.00	131.36 6.49 0.00	118.76 5.66 0.00	106.11 5.15 0.00	95.08 3.92 0.00	90.85 3.58 0.00	82.38 2.86 0.00
MONGAUP___HYD 23641	74.80 2.18 0.00	70.63 2.13 0.00	68.31 1.99 0.00	67.84 1.97 0.00	66.78 1.88 0.00	71.29 2.15 0.00	93.05 3.23 0.00	104.18 3.32 0.00	103.66 3.99 0.00	119.13 4.59 0.00	119.96 4.39 0.00	120.69 4.65 0.00	117.48 4.08 0.00	112.84 3.81 0.00	111.73 3.99 0.00	106.96 4.21 0.00	121.83 4.80 0.00	152.06 6.69 0.00	130.35 5.49 0.00	117.85 4.75 0.00	104.59 3.63 0.00	94.63 3.46 0.00	89.98 2.71 0.00	81.67 2.15 0.00
MONTAUK___DIESEL 23721	79.88 7.26 0.00	74.73 6.23 0.00	71.50 5.17 0.00	70.68 4.81 0.00	69.11 4.22 0.00	74.40 5.26 0.00	94.67 4.85 0.00	101.56 0.71 0.00	101.76 2.09 0.00	118.56 4.01 0.00	122.28 6.70 0.00	124.40 8.35 0.00	121.23 7.82 0.00	117.20 8.18 0.00	114.96 7.22 0.00	109.84 7.09 0.00	124.63 7.49 -0.11	147.26 1.89 0.00	130.36 5.49 0.00	120.87 6.45 -1.32	106.42 5.45 0.00	93.08 1.91 0.00	88.75 1.48 0.00	81.19 1.67 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	72.84 0.22 0.00	68.91 0.41 0.00	66.39 0.07 0.00	66.26 0.40 0.00	65.68 0.78 0.00	68.87 -0.28 0.00	88.39 -1.44 0.00	100.65 -0.20 0.00	99.27 -0.40 0.00	112.71 -1.83 0.00	113.84 -1.73 0.00	113.72 -2.32 0.00	110.80 -2.61 0.00	105.75 -3.27 0.00	104.84 -2.91 0.00	99.36 -3.39 0.00	115.39 -1.64 0.00	144.21 -1.16 0.00	122.87 -2.00 0.00	111.74 -1.36 0.00	100.66 -0.30 0.00	90.16 -1.00 0.00	87.79 0.52 0.00	80.87 1.35 0.00



MORRIS_RIDGE___SOLAR 323848	70.73 -1.89 0.00	66.85 -1.64 0.00	64.40 -1.93 0.00	64.16 -1.71 0.00	63.41 -1.49 0.00	66.31 -2.84 0.00	83.35 -6.47 0.00	96.52 -4.33 0.00	93.58 -6.08 0.00	106.98 -7.56 0.00	107.60 -7.97 0.00	107.45 -8.59 0.00	104.56 -8.85 0.00	100.08 -8.94 0.00	99.34 -8.40 0.00	94.22 -8.53 0.00	109.77 -7.26 0.00	135.63 -9.74 0.00	116.87 -7.99 0.00	106.20 -6.90 0.00	95.61 -5.35 0.00	85.51 -5.65 0.00	83.78 -3.49 0.00	77.54 -1.98 0.00
MORTIMER_115KV_TB3 55949	71.39 -1.23 0.00	67.40 -1.10 0.00	65.20 -1.13 0.00	64.88 -0.99 0.00	64.18 -0.71 0.00	67.07 -2.07 0.00	85.87 -3.95 0.00	97.43 -3.43 0.00	96.48 -3.19 0.00	110.19 -4.35 0.00	110.95 -4.62 0.00	111.05 -4.99 0.00	108.53 -4.88 0.00	103.68 -5.34 0.00	103.44 -4.31 0.00	98.02 -4.73 0.00	112.82 -4.21 0.00	140.87 -4.51 0.00	120.00 -4.87 0.00	109.14 -3.96 0.00	98.14 -2.83 0.00	88.34 -2.83 0.00	85.52 -1.75 0.00	78.49 -1.03 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	74.51 1.89 0.00	70.35 1.85 0.00	68.05 1.72 0.00	67.58 1.71 0.00	66.39 1.49 0.00	71.01 1.87 0.00	92.34 2.52 0.00	103.28 2.42 0.00	103.05 3.39 0.00	118.56 4.01 0.00	119.96 4.39 0.00	120.91 4.87 0.00	117.60 4.20 0.00	113.17 4.14 0.00	111.62 3.88 0.00	106.86 4.11 0.00	121.36 4.33 0.00	150.46 5.09 0.00	129.49 4.62 0.00	117.06 3.96 0.00	103.99 3.03 0.00	93.90 2.73 0.00	89.19 1.92 0.00	81.19 1.67 0.00
MUNSVILLE_WIND_PWR 323609	77.41 4.79 0.00	73.09 4.59 0.00	70.57 4.25 0.00	69.82 3.95 0.00	69.18 4.28 0.00	73.98 4.84 0.00	96.38 6.55 0.00	110.24 9.38 0.00	109.03 9.37 0.00	125.08 10.53 0.00	126.78 11.21 0.00	126.95 10.90 0.00	124.06 10.66 0.00	119.16 10.14 0.00	117.23 9.48 0.00	111.68 8.93 0.00	128.97 11.94 0.00	161.22 15.85 0.00	137.97 13.11 0.00	125.08 11.98 0.00	111.37 10.40 0.00	98.64 7.48 0.00	93.99 6.72 0.00	85.41 5.88 0.00
N SALMON___HYD 24042	75.16 2.54 0.00	70.96 2.46 0.00	68.85 2.52 0.00	68.31 2.44 0.00	67.30 2.40 0.00	71.77 2.63 0.00	93.42 3.60 0.00	104.89 4.04 0.00	103.85 4.19 0.00	119.24 4.70 0.00	120.43 4.85 0.00	121.03 4.99 0.00	118.06 4.65 0.00	113.49 4.47 0.00	112.06 4.31 0.00	106.55 3.80 0.00	121.72 4.69 0.00	151.76 6.39 0.00	130.23 5.37 0.00	117.96 4.86 0.00	105.20 4.24 0.00	94.90 3.74 0.00	90.93 3.66 0.00	82.94 3.42 0.00
N.AKRON__115KV_KNAPP 355671	71.02 -1.60 0.00	67.27 -1.23 0.00	64.93 -1.39 0.00	64.68 -1.19 0.00	64.12 -0.78 0.00	66.24 -2.90 0.00	83.80 -6.02 0.00	95.31 -5.55 0.00	94.28 -5.38 0.00	107.10 -7.45 0.00	107.83 -7.74 0.00	107.80 -8.24 0.00	105.24 -8.17 0.00	100.41 -8.61 0.00	100.42 -7.33 0.00	94.94 -7.81 0.00	109.89 -7.14 0.00	137.38 -8.00 0.00	116.63 -8.24 0.00	106.43 -6.67 0.00	96.12 -4.85 0.00	86.42 -4.74 0.00	84.48 -2.79 0.00	78.09 -1.43 0.00
N.E_GEN_SANDY PD 24062	89.60 2.03 -14.95	86.60 1.99 -16.11	82.70 1.92 -14.45	87.40 1.91 -19.62	92.00 1.88 -25.22	94.30 2.01 -23.15	115.50 2.79 -22.89	123.80 2.52 -20.42	123.30 3.99 -19.64	114.05 4.46 4.96	120.20 4.63 0.00	120.80 4.76 0.00	116.70 3.29 0.00	112.29 3.27 0.00	116.61 3.13 -5.74	124.40 3.39 -18.27	138.10 3.27 -17.80	149.30 3.93 0.00	137.40 3.49 -9.04	133.80 3.16 -17.54	123.30 2.62 -19.72	108.42 2.55 -14.71	92.45 2.18 -3.00	86.50 1.83 -5.15
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	73.93 1.31 0.00	69.73 1.23 0.00	67.45 1.13 0.00	66.99 1.12 0.00	65.87 0.97 0.00	70.53 1.38 0.00	91.80 1.98 0.00	102.67 1.82 0.00	102.36 2.69 0.00	117.75 3.21 0.00	118.92 3.35 0.00	119.75 3.71 0.00	116.58 3.18 0.00	112.18 3.16 0.00	110.66 2.91 0.00	105.83 3.08 0.00	120.19 3.16 0.00	149.01 3.63 0.00	128.24 3.37 0.00	116.04 2.94 0.00	103.08 2.12 0.00	93.17 2.01 0.00	88.58 1.31 0.00	80.48 0.95 0.00
N.QUEENS_27_KV_LOAD 356247	74.29 1.67 0.00	70.07 1.58 0.00	67.85 1.53 0.00	67.38 1.51 0.00	66.13 1.23 0.00	70.18 1.04 0.00	91.52 1.71 0.01	102.46 1.61 0.01	102.05 2.39 0.01	117.52 2.98 0.01	118.68 3.12 0.01	119.75 3.71 0.01	116.35 2.95 0.01	111.85 2.83 0.01	110.32 2.59 0.01	105.62 2.88 0.01	120.06 3.04 0.01	148.85 3.49 0.01	128.23 3.37 0.01	116.03 2.94 0.01	102.87 1.92 0.01	92.80 1.64 0.01	88.05 0.79 0.01	80.56 1.03 0.00
N.TROY___115KV_TB1 355778	74.80 2.18 0.00	70.55 2.05 0.00	68.32 1.99 0.00	67.84 1.98 0.00	66.91 2.01 0.00	71.36 2.21 0.00	92.79 2.96 0.00	103.78 2.92 0.00	103.35 3.69 0.00	118.78 4.24 0.00	119.73 4.16 0.00	120.22 4.18 0.00	116.81 3.40 0.00	112.40 3.38 0.00	110.98 3.23 0.00	106.24 3.49 0.00	120.77 3.74 0.00	149.59 4.22 0.00	128.86 4.00 0.00	116.61 3.51 0.00	103.99 3.03 0.00	93.72 2.55 0.00	89.63 2.36 0.00	81.51 1.99 0.00
NARROWS_GT1_1 24228	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00
NARROWS_GT1_2 24229	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00
NARROWS_GT1_3 24230	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00
NARROWS_GT1_4 24231	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00
NARROWS_GT1_5 24232	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00



NARROWS_GT1_6 24233	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00
NARROWS_GT1_7 24234	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00
NARROWS_GT1_8 24235	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00
NARROWS_GT2_1 24236	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00
NARROWS_GT2_2 24237	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00
NARROWS_GT2_3 24238	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00
NARROWS_GT2_4 24239	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00
NARROWS_GT2_5 24240	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00
NARROWS_GT2_6 24241	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00
NARROWS_GT2_7 24242	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00
NARROWS_GT2_8 24243	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.17 2.22 0.01	93.25 2.10 0.01	88.57 1.31 0.01	80.79 1.27 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	75.74 3.12 0.00	71.44 2.95 0.00	69.18 2.85 0.00	68.70 2.83 0.00	67.75 2.86 0.00	72.26 3.11 0.00	93.68 3.86 0.00	104.89 4.03 0.00	105.55 5.88 0.00	121.42 6.87 0.00	121.81 6.24 0.00	121.96 5.92 0.00	117.37 3.97 0.00	112.95 3.92 0.00	111.73 3.99 0.00	107.06 4.32 0.00	122.18 5.15 0.00	152.06 6.69 0.00	130.74 5.87 0.00	118.19 5.09 0.00	105.00 4.04 0.00	94.72 3.56 0.00	90.32 3.05 0.00	82.15 2.62 0.00
NCHELSEA_115KV_TR2 355582	75.09 2.47 0.00	70.83 2.33 0.00	68.51 2.19 0.00	68.04 2.17 0.00	66.97 2.08 0.00	71.63 2.49 0.00	93.24 3.41 0.00	104.39 3.53 0.00	103.85 4.19 0.00	119.70 5.15 0.00	120.89 5.32 0.00	121.61 5.57 0.00	118.40 4.99 0.00	113.82 4.80 0.00	112.27 4.53 0.00	107.37 4.62 0.00	122.18 5.15 0.00	151.62 6.25 0.00	130.36 5.49 0.00	117.96 4.86 0.00	104.80 3.84 0.00	94.72 3.56 0.00	89.97 2.71 0.00	81.75 2.23 0.00
NEG CAPITAL___MECHNVIL 23645	75.67 3.05 0.00	71.44 2.94 0.00	69.11 2.79 0.00	68.70 2.83 0.00	67.75 2.85 0.00	72.26 3.11 0.00	94.13 4.31 0.00	105.40 4.54 0.00	104.94 5.28 0.00	120.50 5.95 0.00	121.58 6.01 0.00	121.96 5.91 0.00	118.63 5.22 0.00	114.04 5.02 0.00	112.71 4.96 0.00	107.88 5.14 0.00	122.76 5.73 0.00	152.49 7.12 0.00	130.86 5.99 0.00	118.53 5.43 0.00	105.61 4.65 0.00	95.08 3.92 0.00	90.85 3.58 0.00	82.47 2.94 0.00
NEG CENTRAL_HIGH_ACRES 23767	70.29 -2.33 0.00	66.30 -2.19 0.00	64.00 -2.32 0.00	63.70 -2.17 0.00	62.88 -2.01 0.00	66.52 -2.63 0.00	85.15 -4.67 0.00	97.53 -3.33 0.00	95.57 -4.09 0.00	109.74 -4.81 0.00	110.49 -5.08 0.00	110.59 -5.45 0.00	107.96 -5.44 0.00	103.35 -5.67 0.00	102.79 -4.95 0.00	97.72 -5.03 0.00	112.35 -4.68 0.00	139.85 -5.52 0.00	120.00 -4.87 0.00	108.92 -4.18 0.00	97.53 -3.43 0.00	87.34 -3.83 0.00	84.13 -3.14 0.00	77.14 -2.38 0.00



NEG CENTRAL___DRP 24199	72.18 -0.44 0.00	68.09 -0.41 0.00	65.86 -0.46 0.00	65.54 -0.33 0.00	64.70 -0.19 0.00	68.52 -0.62 0.00	89.10 -0.72 0.00	100.86 0.00 0.00	99.66 0.00 0.00	114.20 -0.34 0.00	115.23 -0.35 0.00	115.23 -0.81 0.00	112.50 -0.91 0.00	108.04 -0.98 0.00	106.99 -0.75 0.00	101.72 -1.03 0.00	116.91 -0.12 0.00	146.25 0.87 0.00	124.74 -0.12 0.00	112.99 -0.11 0.00	101.17 0.20 0.00	90.80 -0.36 0.00	87.09 -0.17 0.00	79.52 0.00 0.00
NEG CENTRAL___INDECK 23768	72.69 0.07 0.00	68.29 -0.20 0.00	65.79 -0.53 0.00	65.54 -0.33 0.00	64.90 0.00 0.00	69.21 0.07 0.00	89.38 -0.45 0.00	103.99 3.13 0.00	101.76 2.10 0.00	112.71 -1.84 0.00	113.14 -2.43 0.00	112.91 -3.13 0.00	110.01 -3.40 0.00	105.32 -3.71 0.00	104.73 -3.02 0.00	99.56 -3.19 0.00	115.15 -1.88 0.00	144.65 -0.72 0.00	123.12 -1.75 0.00	111.52 -1.58 0.00	103.29 2.32 0.00	91.81 0.64 0.00	88.14 0.87 0.00	80.48 0.96 0.00
NEG CENTRAL___SENECA 23627	72.84 0.22 0.00	68.64 0.14 0.00	66.39 0.07 0.00	66.13 0.26 0.00	65.29 0.39 0.00	69.01 -0.14 0.00	89.73 -0.09 0.00	101.87 1.01 0.00	100.56 0.90 0.00	115.23 0.69 0.00	116.15 0.58 0.00	116.04 0.00 0.00	113.29 -0.11 0.00	108.80 -0.22 0.00	107.75 0.00 0.00	102.44 -0.31 0.00	117.85 0.82 0.00	147.70 2.33 0.00	125.87 1.00 0.00	114.01 0.90 0.00	102.07 1.11 0.00	91.53 0.36 0.00	87.79 0.52 0.00	80.24 0.72 0.00
NEG CENTRAL___STATE_STREET 24147	71.75 -0.87 0.00	67.68 -0.82 0.00	65.53 -0.80 0.00	65.14 -0.72 0.00	64.25 -0.65 0.00	68.25 -0.90 0.00	88.74 -1.08 0.00	100.45 -0.40 0.00	99.27 -0.40 0.00	113.97 -0.57 0.00	115.11 -0.46 0.00	115.11 -0.93 0.00	112.39 -1.02 0.00	107.93 -1.09 0.00	106.78 -0.97 0.00	101.52 -1.23 0.00	116.44 -0.59 0.00	145.52 0.15 0.00	124.37 -0.50 0.00	112.65 -0.45 0.00	100.76 -0.20 0.00	90.43 -0.73 0.00	86.57 -0.70 0.00	78.97 -0.56 0.00
NEG MILLWOOD___DRP 24198	75.45 2.83 0.00	71.17 2.67 0.00	68.91 2.59 0.00	68.37 2.50 0.00	67.30 2.40 0.00	71.91 2.77 0.00	93.77 3.95 0.00	104.99 4.14 0.00	104.65 4.98 0.00	120.50 5.96 0.00	121.70 6.13 0.00	122.65 6.61 0.00	119.19 5.78 0.00	114.69 5.67 0.00	113.03 5.28 0.00	108.19 5.45 0.00	123.00 5.97 0.00	152.93 7.56 0.00	131.36 6.49 0.00	118.87 5.77 0.00	105.61 4.64 0.00	95.27 4.10 0.00	90.41 3.14 0.00	82.15 2.62 0.00
NEG NORTH_FLCN_SEA 23793	75.16 2.54 0.00	70.90 2.40 0.00	68.78 2.45 0.00	68.24 2.37 0.00	67.17 2.27 0.00	71.70 2.56 0.00	93.24 3.41 0.00	105.09 4.24 0.00	103.65 3.99 0.00	119.01 4.47 0.00	120.08 4.51 0.00	120.57 4.53 0.00	117.60 4.20 0.00	113.06 4.03 0.00	111.84 4.09 0.00	106.45 3.70 0.00	121.48 4.45 0.00	151.48 6.11 0.00	129.99 5.12 0.00	117.74 4.64 0.00	105.00 4.04 0.00	94.81 3.65 0.00	90.85 3.58 0.00	82.86 3.34 0.00
NEG NORTH_KES_CHATEGAY 23792	74.36 1.74 0.00	70.14 1.64 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.45 1.56 0.00	70.94 1.80 0.00	92.25 2.43 0.00	103.78 2.92 0.00	102.46 2.79 0.00	117.64 3.09 0.00	118.69 3.12 0.00	119.17 3.13 0.00	116.24 2.84 0.00	111.75 2.73 0.00	110.55 2.80 0.00	105.32 2.57 0.00	120.19 3.16 0.00	149.73 4.36 0.00	128.49 3.62 0.00	116.38 3.28 0.00	103.89 2.93 0.00	93.81 2.64 0.00	89.80 2.53 0.00	81.99 2.47 0.00
NEG NORTH___ALICE_FALLS 23915	75.38 2.76 0.00	71.10 2.60 0.00	68.98 2.65 0.00	68.44 2.57 0.00	67.43 2.53 0.00	71.98 2.83 0.00	93.59 3.77 0.00	105.29 4.44 0.00	103.95 4.29 0.00	119.24 4.70 0.00	120.20 4.62 0.00	120.80 4.76 0.00	117.83 4.42 0.00	113.27 4.25 0.00	111.95 4.20 0.00	106.65 3.90 0.00	121.71 4.68 0.00	151.92 6.54 0.00	130.36 5.49 0.00	118.08 4.98 0.00	105.31 4.34 0.00	94.99 3.83 0.00	91.02 3.75 0.00	83.02 3.50 0.00
NEG NORTH___LWR_SARANAC 23913	75.38 2.76 0.00	71.10 2.60 0.00	68.98 2.65 0.00	68.44 2.57 0.00	67.43 2.53 0.00	71.98 2.83 0.00	93.59 3.77 0.00	105.29 4.44 0.00	103.95 4.29 0.00	119.24 4.70 0.00	120.20 4.62 0.00	120.80 4.76 0.00	117.83 4.42 0.00	113.27 4.25 0.00	111.95 4.20 0.00	106.65 3.90 0.00	121.71 4.68 0.00	151.92 6.54 0.00	130.36 5.49 0.00	118.08 4.98 0.00	105.31 4.34 0.00	94.99 3.83 0.00	91.02 3.75 0.00	83.02 3.50 0.00
NEG NORTH___PLATTSBURG 23628	75.38 2.76 0.00	71.10 2.60 0.00	68.98 2.66 0.00	68.43 2.57 0.00	67.43 2.53 0.00	71.98 2.84 0.00	93.59 3.77 0.00	104.89 4.04 0.00	103.95 4.28 0.00	119.24 4.70 0.00	120.31 4.74 0.00	120.80 4.76 0.00	117.95 4.54 0.00	113.39 4.37 0.00	112.06 4.31 0.00	106.65 3.90 0.00	121.83 4.80 0.00	151.92 6.55 0.00	130.35 5.49 0.00	118.07 4.97 0.00	105.30 4.34 0.00	94.99 3.83 0.00	91.02 3.75 0.00	83.02 3.50 0.00
NEG WEST_LEA_LOCKPORT 23791	69.64 -2.98 0.00	65.96 -2.53 0.00	63.74 -2.59 0.00	63.50 -2.37 0.00	62.88 -2.01 0.00	64.72 -4.43 0.00	81.47 -8.35 0.00	92.49 -8.37 0.00	91.39 -8.27 0.00	103.78 -10.77 0.00	104.59 -10.98 0.00	104.55 -11.49 0.00	101.95 -11.45 0.00	97.36 -11.67 0.00	97.19 -10.56 0.00	91.96 -10.79 0.00	106.38 -10.65 0.00	132.58 -12.79 0.00	112.75 -12.11 0.00	102.92 -10.18 0.00	93.09 -7.88 0.00	83.87 -7.29 0.00	82.38 -4.89 0.00	76.42 -3.10 0.00
NEG WEST___LANCASTR 23811	71.02 -1.60 0.00	67.20 -1.30 0.00	64.93 -1.39 0.00	64.62 -1.25 0.00	63.92 -0.97 0.00	66.73 -2.42 0.00	85.06 -4.76 0.00	96.72 -4.14 0.00	95.28 -4.39 0.00	108.13 -6.41 0.00	109.22 -6.36 0.00	109.19 -6.85 0.00	106.37 -7.03 0.00	101.83 -7.20 0.00	101.28 -6.46 0.00	95.97 -6.78 0.00	111.06 -5.97 0.00	138.54 -6.83 0.00	118.00 -6.87 0.00	107.45 -5.66 0.00	96.93 -4.04 0.00	87.06 -4.10 0.00	85.00 -2.27 0.00	78.33 -1.19 0.00
NEG_PENN_ALLEGHNY 23528	71.46 -1.16 0.00	67.33 -1.16 0.00	65.06 -1.26 0.00	64.75 -1.12 0.00	63.86 -1.04 0.00	67.97 -1.18 0.00	87.85 -1.98 0.00	100.86 0.00 0.00	98.86 -0.80 0.00	113.29 -1.26 0.00	114.42 -1.16 0.00	114.53 -1.51 0.00	111.59 -1.82 0.00	107.39 -1.63 0.00	106.13 -1.61 0.00	101.00 -1.75 0.00	116.09 -0.94 0.00	144.79 -0.58 0.00	123.62 -1.25 0.00	111.97 -1.13 0.00	100.05 -0.91 0.00	89.61 -1.55 0.00	86.05 -1.22 0.00	78.80 -0.72 0.00
NEG___GEN_MONROE 24207	71.39 -1.23 0.00	67.47 -1.03 0.00	65.26 -1.06 0.00	64.95 -0.92 0.00	64.25 -0.65 0.00	67.14 -2.01 0.00	85.60 -4.22 0.00	97.02 -3.83 0.00	96.08 -3.59 0.00	109.51 -5.04 0.00	110.14 -5.43 0.00	110.12 -5.92 0.00	107.51 -5.90 0.00	102.70 -6.32 0.00	102.36 -5.39 0.00	96.99 -5.75 0.00	111.76 -5.27 0.00	139.70 -5.67 0.00	119.12 -5.74 0.00	108.46 -4.64 0.00	97.53 -3.43 0.00	87.88 -3.28 0.00	85.26 -2.01 0.00	78.41 -1.11 0.00
NEPA___ENERGY 23901	71.24 -1.38 0.00	67.33 -1.16 0.00	65.07 -1.26 0.00	64.81 -1.05 0.00	64.18 -0.71 0.00	67.21 -1.94 0.00	85.96 -3.86 0.00	97.83 -3.03 0.00	96.38 -3.29 0.00	109.28 -5.27 0.00	110.26 -5.32 0.00	110.12 -5.92 0.00	107.40 -6.01 0.00	102.70 -6.32 0.00	102.04 -5.71 0.00	96.79 -5.96 0.00	112.11 -4.92 0.00	139.85 -5.52 0.00	119.25 -5.62 0.00	108.46 -4.64 0.00	97.73 -3.23 0.00	87.79 -3.37 0.00	85.44 -1.83 0.00	78.81 -0.72 0.00



NEVERSINK___HYD 23608	75.01 2.39 0.00	70.83 2.33 0.00	68.51 2.19 0.00	68.04 2.17 0.00	67.04 2.14 0.00	71.56 2.42 0.00	93.42 3.60 0.00	104.59 3.73 0.00	104.05 4.38 0.00	119.71 5.16 0.00	120.65 5.08 0.00	121.61 5.57 0.00	118.39 4.98 0.00	113.71 4.68 0.00	112.27 4.52 0.00	107.48 4.73 0.00	122.30 5.27 0.00	152.35 6.98 0.00	130.74 5.87 0.00	118.31 5.21 0.00	104.90 3.93 0.00	94.90 3.74 0.00	90.15 2.88 0.00	81.91 2.38 0.00
NEWKRMKL_115KV_TB1 55635	73.85 1.23 0.00	69.66 1.16 0.00	67.52 1.19 0.00	67.05 1.19 0.00	66.06 1.17 0.00	70.46 1.31 0.00	91.26 1.44 0.00	102.07 1.21 0.00	101.66 1.99 0.00	116.95 2.41 0.00	118.00 2.43 0.00	118.48 2.44 0.00	115.22 1.81 0.00	110.88 1.85 0.00	109.47 1.72 0.00	104.70 1.95 0.00	119.02 1.99 0.00	147.41 2.04 0.00	126.86 2.00 0.00	114.80 1.70 0.00	102.28 1.31 0.00	92.26 1.09 0.00	88.14 0.87 0.00	80.16 0.64 0.00
NEWTON___FALLS_HYD 23847	73.85 1.23 0.00	69.60 1.10 0.00	67.39 1.06 0.00	66.72 0.86 0.00	65.87 0.97 0.00	69.77 0.62 0.00	90.72 0.90 0.00	102.17 1.31 0.00	101.06 1.40 0.00	116.84 2.29 0.00	119.16 3.58 0.00	119.64 3.60 0.00	116.81 3.40 0.00	112.29 3.27 0.00	110.33 2.59 0.00	104.60 1.85 0.00	118.32 1.29 0.00	147.55 2.18 0.00	126.62 1.75 0.00	114.80 1.70 0.00	102.18 1.21 0.00	92.80 1.64 0.00	88.84 1.57 0.00	81.11 1.59 0.00
NGRID_A1_DSASP 323792	69.79 -2.83 0.00	66.24 -2.26 0.00	64.00 -2.32 0.00	63.69 -2.17 0.00	63.08 -1.82 0.00	63.89 -5.26 0.00	80.57 -9.25 0.00	91.38 -9.48 0.00	90.30 -9.37 0.00	102.52 -12.03 0.00	103.32 -12.25 0.00	103.39 -12.65 0.00	100.82 -12.59 0.00	96.38 -12.65 0.00	96.11 -11.64 0.00	91.04 -11.71 0.00	105.09 -11.94 0.00	130.69 -14.68 0.00	111.26 -13.61 0.00	101.56 -11.54 0.00	92.08 -8.88 0.00	82.96 -8.20 0.00	81.51 -5.76 0.00	75.47 -4.06 0.00
NGRID_A2_DSASP 323793	69.79 -2.83 0.00	66.24 -2.26 0.00	64.00 -2.32 0.00	63.69 -2.17 0.00	63.08 -1.82 0.00	63.89 -5.26 0.00	80.57 -9.25 0.00	91.38 -9.48 0.00	90.30 -9.37 0.00	102.52 -12.03 0.00	103.32 -12.25 0.00	103.39 -12.65 0.00	100.82 -12.59 0.00	96.38 -12.65 0.00	96.11 -11.64 0.00	91.04 -11.71 0.00	105.09 -11.94 0.00	130.69 -14.68 0.00	111.26 -13.61 0.00	101.56 -11.54 0.00	92.08 -8.88 0.00	82.96 -8.20 0.00	81.51 -5.76 0.00	75.47 -4.06 0.00
NGRID_A4_DSASP 323807	69.79 -2.83 0.00	66.24 -2.26 0.00	64.00 -2.32 0.00	63.69 -2.17 0.00	63.08 -1.82 0.00	63.89 -5.26 0.00	80.57 -9.25 0.00	91.38 -9.48 0.00	90.30 -9.37 0.00	102.52 -12.03 0.00	103.32 -12.25 0.00	103.39 -12.65 0.00	100.82 -12.59 0.00	96.38 -12.65 0.00	96.11 -11.64 0.00	91.04 -11.71 0.00	105.09 -11.94 0.00	130.69 -14.68 0.00	111.26 -13.61 0.00	101.56 -11.54 0.00	92.08 -8.88 0.00	82.96 -8.20 0.00	81.51 -5.76 0.00	75.47 -4.06 0.00
NIAGARA_115E_LBMP 323715	69.21 -3.41 0.00	65.35 -3.15 0.00	62.95 -3.38 0.00	62.64 -3.23 0.00	61.98 -2.92 0.00	64.51 -4.63 0.00	80.66 -9.16 0.00	93.50 -7.36 0.00	90.60 -9.07 0.00	103.66 -10.88 0.00	104.36 -11.21 0.00	104.20 -11.84 0.00	101.27 -12.13 0.00	97.03 -11.99 0.00	96.54 -11.21 0.00	91.76 -10.99 0.00	106.38 -10.65 0.00	131.13 -14.24 0.00	113.12 -11.74 0.00	102.92 -10.18 0.00	92.79 -8.17 0.00	83.14 -8.02 0.00	81.51 -5.76 0.00	75.63 -3.89 0.00
NIAGARA_115W_LBMP 323714	70.15 -2.47 0.00	66.24 -2.26 0.00	63.81 -2.52 0.00	63.50 -2.37 0.00	62.76 -2.14 0.00	64.30 -4.84 0.00	80.39 -9.43 0.00	93.09 -7.76 0.00	90.19 -9.47 0.00	103.33 -11.22 0.00	104.02 -11.56 0.00	103.86 -12.18 0.00	100.93 -12.48 0.00	96.70 -12.32 0.00	96.11 -11.64 0.00	91.45 -11.30 0.00	105.91 -11.12 0.00	130.40 -14.97 0.00	112.50 -12.36 0.00	102.46 -10.64 0.00	92.38 -8.58 0.00	82.78 -8.39 0.00	81.25 -6.02 0.00	75.30 -4.22 0.00
NIAGARA_230_LBMP 323716	70.08 -2.54 0.00	66.17 -2.33 0.00	63.67 -2.66 0.00	63.43 -2.44 0.00	62.69 -2.21 0.00	65.27 -3.87 0.00	81.74 -8.08 0.00	94.70 -6.16 0.00	91.79 -7.88 0.00	105.04 -9.51 0.00	105.75 -9.82 0.00	105.60 -10.44 0.00	102.63 -10.78 0.00	98.34 -10.68 0.00	97.84 -9.91 0.00	92.98 -9.76 0.00	107.78 -9.25 0.00	132.87 -12.50 0.00	114.63 -10.24 0.00	104.16 -8.94 0.00	93.89 -7.07 0.00	84.15 -7.02 0.00	82.47 -4.80 0.00	76.34 -3.18 0.00
NIAGARA___115KV_198_GIBSON 55903	69.72 -2.90 0.00	66.17 -2.33 0.00	63.87 -2.45 0.00	63.63 -2.24 0.00	63.01 -1.88 0.00	63.75 -5.39 0.00	80.39 -9.43 0.00	91.17 -9.68 0.00	90.10 -9.57 0.00	102.29 -12.26 0.00	103.09 -12.48 0.00	103.04 -13.00 0.00	100.59 -12.81 0.00	96.16 -12.86 0.00	95.89 -11.85 0.00	90.73 -12.02 0.00	104.86 -12.17 0.00	130.40 -14.97 0.00	111.01 -13.86 0.00	101.34 -11.76 0.00	91.78 -9.19 0.00	82.78 -8.39 0.00	81.34 -5.93 0.00	75.23 -4.29 0.00
NIAGARA___ 23760	70.08 -2.54 0.00	66.17 -2.33 0.00	63.67 -2.66 0.00	63.43 -2.44 0.00	62.69 -2.21 0.00	65.27 -3.87 0.00	81.74 -8.08 0.00	94.70 -6.16 0.00	91.79 -7.88 0.00	105.04 -9.51 0.00	105.75 -9.82 0.00	105.60 -10.44 0.00	102.63 -10.78 0.00	98.34 -10.68 0.00	97.84 -9.91 0.00	92.98 -9.76 0.00	107.78 -9.25 0.00	132.87 -12.50 0.00	114.63 -10.24 0.00	104.16 -8.94 0.00	93.89 -7.07 0.00	84.15 -7.02 0.00	82.47 -4.80 0.00	76.34 -3.18 0.00
NINE_MILE_1 23575	69.71 -2.91 0.00	65.69 -2.81 0.00	63.60 -2.72 0.00	63.17 -2.70 0.00	62.30 -2.60 0.00	66.31 -2.84 0.00	85.87 -3.95 0.00	97.02 -3.83 0.00	95.68 -3.99 0.00	109.96 -4.59 0.00	110.95 -4.63 0.00	111.28 -4.76 0.00	108.65 -4.76 0.00	104.45 -4.57 0.00	103.22 -4.52 0.00	98.44 -4.31 0.00	112.35 -4.68 0.00	139.70 -5.67 0.00	120.00 -4.87 0.00	108.69 -4.41 0.00	97.02 -3.94 0.00	87.42 -3.74 0.00	83.78 -3.49 0.00	76.42 -3.10 0.00
NINE_MILE_2 23744	69.71 -2.91 0.00	65.76 -2.74 0.00	63.60 -2.72 0.00	63.17 -2.70 0.00	62.30 -2.60 0.00	66.31 -2.84 0.00	85.87 -3.95 0.00	97.02 -3.83 0.00	95.68 -3.99 0.00	109.96 -4.59 0.00	110.95 -4.63 0.00	111.28 -4.76 0.00	108.65 -4.76 0.00	104.45 -4.57 0.00	103.22 -4.52 0.00	98.44 -4.31 0.00	112.35 -4.68 0.00	139.70 -5.67 0.00	120.00 -4.87 0.00	108.69 -4.41 0.00	97.13 -3.84 0.00	87.42 -3.74 0.00	83.78 -3.49 0.00	76.42 -3.10 0.00
NM_CAPITAL___DRP 24208	74.00 1.38 0.00	69.80 1.30 0.00	67.59 1.26 0.00	67.19 1.32 0.00	66.19 1.30 0.00	70.60 1.45 0.00	91.53 1.71 0.00	102.27 1.41 0.00	101.96 2.29 0.00	117.30 2.75 0.00	118.35 2.77 0.00	118.83 2.78 0.00	115.33 1.93 0.00	110.98 1.96 0.00	109.58 1.83 0.00	104.91 2.16 0.00	119.14 2.11 0.00	147.55 2.18 0.00	126.99 2.12 0.00	114.91 1.81 0.00	102.48 1.51 0.00	92.44 1.28 0.00	88.40 1.13 0.00	80.32 0.80 0.00
NM_CENTRAL___DRP 24181	70.88 -1.74 0.00	66.86 -1.64 0.00	64.73 -1.59 0.00	64.35 -1.51 0.00	63.47 -1.43 0.00	67.42 -1.73 0.00	87.49 -2.34 0.00	98.84 -2.02 0.00	97.67 -1.99 0.00	112.14 -2.41 0.00	113.15 -2.43 0.00	113.37 -2.67 0.00	110.80 -2.61 0.00	106.51 -2.51 0.00	105.27 -2.48 0.00	100.18 -2.57 0.00	114.57 -2.46 0.00	142.76 -2.62 0.00	122.12 -2.75 0.00	110.61 -2.49 0.00	99.05 -1.92 0.00	89.07 -2.10 0.00	85.44 -1.83 0.00	77.93 -1.59 0.00



NM_FRONTIER___DRP 24179	69.72 -2.90 0.00	66.17 -2.33 0.00	63.87 -2.45 0.00	63.63 -2.24 0.00	63.01 -1.88 0.00	63.75 -5.39 0.00	80.39 -9.43 0.00	91.17 -9.68 0.00	90.10 -9.57 0.00	102.29 -12.26 0.00	103.09 -12.48 0.00	103.04 -13.00 0.00	100.59 -12.81 0.00	96.16 -12.86 0.00	95.89 -11.85 0.00	90.73 -12.02 0.00	104.86 -12.17 0.00	130.40 -14.97 0.00	111.01 -13.86 0.00	101.34 -11.76 0.00	91.78 -9.19 0.00	82.78 -8.39 0.00	81.34 -5.93 0.00	75.23 -4.29 0.00
NM_ST_REGIS___HYD 24053	74.44 1.82 0.00	70.42 1.92 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.71 1.82 0.00	70.94 1.80 0.00	92.34 2.52 0.00	103.58 2.72 0.00	102.06 2.39 0.00	117.75 3.21 0.00	119.04 3.47 0.00	119.64 3.60 0.00	116.81 3.40 0.00	112.29 3.27 0.00	110.44 2.69 0.00	104.80 2.05 0.00	119.14 2.11 0.00	148.57 3.20 0.00	127.49 2.62 0.00	115.59 2.49 0.00	102.98 2.02 0.00	93.08 1.91 0.00	89.36 2.09 0.00	81.83 2.31 0.00
NORTHPORT___1 23551	76.76 4.14 0.00	72.13 3.63 0.00	69.51 3.18 0.00	68.97 3.10 0.00	67.75 2.85 0.00	72.33 3.18 0.00	94.13 4.31 0.00	101.36 0.51 0.00	103.85 4.19 0.00	116.84 2.29 0.00	119.16 3.59 0.00	120.91 4.87 0.00	118.17 4.76 0.00	113.93 4.91 0.00	112.81 5.07 0.00	108.20 5.44 -0.01	122.74 5.62 -0.10	147.69 2.32 0.00	128.86 3.99 0.00	119.57 5.32 -1.15	104.00 3.03 -0.01	95.73 4.56 -0.01	90.58 3.32 0.00	82.78 3.26 0.00
NORTHPORT___2 23552	76.76 4.14 0.00	72.13 3.63 0.00	69.51 3.18 0.00	68.97 3.10 0.00	67.75 2.85 0.00	72.33 3.18 0.00	94.13 4.31 0.00	101.36 0.51 0.00	103.85 4.19 0.00	116.84 2.29 0.00	119.16 3.59 0.00	120.91 4.87 0.00	118.17 4.76 0.00	113.93 4.91 0.00	112.81 5.07 0.00	108.20 5.44 -0.01	122.74 5.62 -0.10	147.69 2.32 0.00	128.86 3.99 0.00	119.57 5.32 -1.15	104.00 3.03 -0.01	95.73 4.56 -0.01	90.58 3.32 0.00	82.78 3.26 0.00
NORTHPORT___3 23553	76.61 3.99 0.00	72.06 3.56 0.00	69.44 3.12 0.00	68.90 3.03 0.00	67.69 2.79 0.00	72.26 3.11 0.00	93.96 4.13 0.00	101.16 0.30 0.00	103.66 3.99 0.00	116.49 1.95 0.00	118.80 3.23 0.00	120.56 4.52 0.00	117.82 4.42 0.00	113.60 4.58 0.00	112.60 4.85 0.00	107.89 5.14 -0.01	122.40 5.27 -0.10	147.26 1.88 0.00	128.61 3.74 0.00	119.46 5.09 -1.26	103.70 2.73 -0.01	95.64 4.47 -0.01	90.50 3.23 0.00	82.71 3.18 0.00
NORTHPORT___4 23650	76.61 3.99 0.00	72.06 3.56 0.00	69.44 3.12 0.00	68.90 3.03 0.00	67.69 2.79 0.00	72.26 3.11 0.00	93.96 4.13 0.00	101.16 0.30 0.00	103.66 3.99 0.00	116.49 1.95 0.00	118.80 3.23 0.00	120.56 4.52 0.00	117.82 4.42 0.00	113.60 4.58 0.00	112.60 4.85 0.00	107.89 5.14 -0.01	122.40 5.27 -0.10	147.26 1.88 0.00	128.61 3.74 0.00	119.46 5.09 -1.26	103.70 2.73 -0.01	95.64 4.47 -0.01	90.50 3.23 0.00	82.71 3.18 0.00
NORTHPORT___IC 23718	76.76 4.14 0.00	72.13 3.63 0.00	69.44 3.12 0.00	68.96 3.10 0.00	67.69 2.79 0.00	72.81 3.66 0.00	94.22 4.40 0.00	102.87 2.02 0.00	102.06 2.39 0.00	116.26 1.72 0.00	119.04 3.47 0.00	120.68 4.64 0.00	117.49 4.08 0.00	113.71 4.69 0.00	112.16 4.42 0.00	107.89 5.14 0.00	122.74 5.62 -0.10	147.26 1.89 0.00	128.99 4.12 0.00	119.57 5.32 -1.15	105.20 4.24 0.00	95.72 4.56 0.00	91.02 3.75 0.00	82.78 3.26 0.00
NORTH___COUNTRY_ESR 323785	74.22 1.60 0.00	69.94 1.44 0.00	67.85 1.53 0.00	67.32 1.45 0.00	66.32 1.43 0.00	70.74 1.59 0.00	91.97 2.15 0.00	103.18 2.32 0.00	102.05 2.39 0.00	117.29 2.74 0.00	118.34 2.77 0.00	118.94 2.90 0.00	116.12 2.72 0.00	111.63 2.61 0.00	110.33 2.58 0.00	105.01 2.26 0.00	119.83 2.80 0.00	149.15 3.77 0.00	127.99 3.12 0.00	115.93 2.83 0.00	103.49 2.53 0.00	93.44 2.28 0.00	89.53 2.27 0.00	81.75 2.22 0.00
NPX_GEN_1385_PROXY 323591	85.90 5.81 -7.47	80.61 5.27 -6.84	78.12 4.78 -7.02	79.40 4.68 -8.85	85.10 4.42 -15.79	90.20 4.77 -16.29	105.80 6.29 -9.69	115.70 2.93 -11.92	117.60 6.47 -11.46	113.94 4.35 4.96	121.01 5.43 0.00	122.77 6.73 0.00	120.32 6.92 0.00	116.22 7.19 0.00	115.29 7.54 0.00	118.81 7.81 -8.26	125.19 8.07 -0.10	148.43 3.06 0.00	131.61 6.74 0.00	122.17 7.91 -1.15	111.59 5.35 -5.28	107.37 6.65 -9.56	91.89 4.62 0.00	84.53 5.01 0.00
NPX_GEN_CSC 323557	77.85 5.23 0.00	73.02 4.52 0.00	70.30 3.98 0.00	69.69 3.82 0.00	68.40 3.50 0.00	73.02 3.87 0.00	93.32 3.50 0.00	98.94 -1.92 0.00	108.91 4.28 -4.96	113.59 4.01 4.96	121.12 5.55 0.00	123.00 6.96 0.00	120.44 7.03 0.00	116.01 6.98 0.00	115.08 7.33 0.00	110.36 7.60 -0.01	124.86 7.72 -0.11	147.84 2.47 0.00	131.11 6.24 0.00	121.76 7.35 -1.31	104.71 3.74 -0.01	93.45 2.28 -0.01	88.40 1.13 0.00	80.87 1.35 0.00
NSINS_S_GLNS_FALLS 23858	75.45 2.83 0.00	71.31 2.81 0.00	68.98 2.65 0.00	68.57 2.70 0.00	67.69 2.79 0.00	72.26 3.11 0.00	94.22 4.40 0.00	105.80 4.94 0.00	105.25 5.58 0.00	120.85 6.30 0.00	121.81 6.24 0.00	122.07 6.03 0.00	118.96 5.56 0.00	114.15 5.12 0.00	112.70 4.96 0.00	107.99 5.24 0.00	123.00 5.97 0.00	152.79 7.41 0.00	131.11 6.24 0.00	118.53 5.43 0.00	105.81 4.85 0.00	94.90 3.74 0.00	90.67 3.40 0.00	82.23 2.70 0.00
NUCOR_STEEL___DRP 24197	71.75 -0.87 0.00	67.68 -0.82 0.00	65.53 -0.80 0.00	65.14 -0.72 0.00	64.25 -0.65 0.00	68.18 -0.97 0.00	88.56 -1.26 0.00	100.15 -0.71 0.00	98.97 -0.70 0.00	113.52 -1.03 0.00	114.65 -0.92 0.00	114.76 -1.28 0.00	112.04 -1.36 0.00	107.61 -1.42 0.00	106.56 -1.19 0.00	101.41 -1.34 0.00	116.21 -0.82 0.00	145.08 -0.29 0.00	124.12 -0.75 0.00	112.42 -0.68 0.00	100.56 -0.40 0.00	90.34 -0.82 0.00	86.57 -0.70 0.00	79.04 -0.48 0.00
NUMBER_THREE_WT_PWR 323818	74.65 2.03 0.00	69.87 1.37 0.00	67.45 1.13 0.00	66.72 0.85 0.00	66.00 1.10 0.00	70.39 1.25 0.00	91.52 1.70 0.00	103.68 2.82 0.00	102.85 3.19 0.00	119.24 4.70 0.00	121.46 5.89 0.00	121.61 5.57 0.00	118.96 5.56 0.00	114.26 5.23 0.00	112.38 4.63 0.00	106.75 4.00 0.00	121.48 4.45 0.00	151.48 6.10 0.00	129.99 5.12 0.00	117.96 4.86 0.00	104.90 3.93 0.00	94.72 3.55 0.00	90.32 3.05 0.00	82.07 2.54 0.00
NYISO_LBMP_REFERENCE 24008	72.62 0.00 0.00	68.50 0.00 0.00	66.33 0.00 0.00	65.87 0.00 0.00	64.90 0.00 0.00	69.15 0.00 0.00	89.82 0.00 0.00	100.86 0.00 0.00	99.66 0.00 0.00	114.55 0.00 0.00	115.57 0.00 0.00	116.04 0.00 0.00	113.41 0.00 0.00	109.02 0.00 0.00	107.75 0.00 0.00	102.75 0.00 0.00	117.03 0.00 0.00	145.37 0.00 0.00	124.87 0.00 0.00	113.10 0.00 0.00	100.96 0.00 0.00	91.16 0.00 0.00	87.27 0.00 0.00	79.52 0.00 0.00
NYPA_BRENTWD____GT 24164	77.85 5.23 0.00	73.16 4.66 0.00	70.51 4.18 0.00	69.95 4.09 0.00	68.72 3.83 0.00	73.36 4.22 0.00	95.58 5.75 0.00	103.47 2.62 0.00	105.85 6.18 0.00	119.47 4.92 0.00	122.04 6.47 0.00	123.82 7.78 0.00	121.00 7.60 0.00	116.65 7.63 0.00	115.61 7.86 0.00	110.87 8.12 -0.01	123.73 6.55 -0.15	150.90 5.52 0.00	131.36 6.49 0.00	121.16 6.22 -1.85	106.62 5.65 -0.01	97.46 6.29 -0.01	92.07 4.80 0.00	84.13 4.61 0.00



NYPA_GOWANUS____GT5 24156	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.03 3.46 0.01	119.98 3.95 0.01	116.69 3.29 0.01	112.18 3.16 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.08 2.12 0.01	93.16 2.00 0.01	88.57 1.31 0.01	80.79 1.27 0.00
NYPA_GOWANUS____GT6 24157	74.29 1.67 0.00	70.14 1.64 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.25 1.10 0.00	91.88 2.07 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.03 3.46 0.01	119.98 3.95 0.01	116.69 3.29 0.01	112.18 3.16 0.01	110.86 3.13 0.01	105.82 3.08 0.01	120.29 3.27 0.01	149.58 4.22 0.01	128.48 3.62 0.01	116.25 3.16 0.01	103.08 2.12 0.01	93.16 2.00 0.01	88.57 1.31 0.01	80.79 1.27 0.00
NYPA_HARLEM__RVR__GT1 24160	74.15 1.53 0.00	70.00 1.51 0.00	67.91 1.59 0.00	67.32 1.45 0.00	66.13 1.23 0.00	69.90 0.76 0.01	91.34 1.53 0.01	101.86 1.01 0.01	102.04 2.39 0.01	117.28 2.74 0.01	118.33 2.77 0.01	119.40 3.37 0.01	116.11 2.72 0.01	111.52 2.51 0.01	110.11 2.37 0.01	105.61 2.87 0.01	119.59 2.57 0.01	148.71 3.35 0.01	127.73 2.87 0.01	115.70 2.60 0.01	102.47 1.52 0.01	92.61 1.45 0.01	87.96 0.69 0.01	80.48 0.96 0.00
NYPA_HARLEM__RVR__GT2 24161	74.15 1.53 0.00	70.00 1.51 0.00	67.91 1.59 0.00	67.32 1.45 0.00	66.13 1.23 0.00	69.90 0.76 0.01	91.34 1.53 0.01	101.86 1.01 0.01	102.04 2.39 0.01	117.28 2.74 0.01	118.33 2.77 0.01	119.40 3.37 0.01	116.11 2.72 0.01	111.52 2.51 0.01	110.11 2.37 0.01	105.61 2.87 0.01	119.59 2.57 0.01	148.71 3.35 0.01	127.73 2.87 0.01	115.70 2.60 0.01	102.47 1.52 0.01	92.61 1.45 0.01	87.96 0.69 0.01	80.48 0.96 0.00
NYPA_KENT____GT 24152	74.29 1.67 0.00	70.14 1.64 0.00	68.18 1.85 0.00	67.71 1.84 0.00	66.45 1.55 0.00	70.39 1.25 0.00	91.79 1.97 0.01	102.36 1.52 0.01	102.55 2.89 0.01	117.86 3.32 0.01	119.15 3.59 0.01	120.09 4.06 0.01	116.80 3.40 0.01	112.28 3.27 0.01	110.87 3.13 0.01	106.03 3.29 0.01	120.42 3.40 0.01	149.72 4.36 0.01	128.48 3.62 0.01	116.26 3.16 0.01	103.08 2.12 0.01	93.25 2.10 0.01	88.65 1.39 0.01	80.87 1.35 0.00
NYPA_POUCH1____GT 24155	74.15 1.53 0.00	70.00 1.51 0.00	68.25 1.92 0.00	67.71 1.84 0.00	66.52 1.62 0.00	70.11 0.97 0.00	91.70 1.89 0.01	102.16 1.31 0.01	102.35 2.69 0.01	117.51 2.97 0.01	118.69 3.12 0.01	119.63 3.60 0.01	116.34 2.94 0.01	111.84 2.83 0.01	110.53 2.80 0.01	105.41 2.67 0.01	119.95 2.93 0.01	149.14 3.77 0.01	128.10 3.24 0.01	115.92 2.83 0.01	102.87 1.91 0.01	92.98 1.82 0.01	88.31 1.05 0.01	80.63 1.11 0.00
NYPA_VERNON____GT2 24162	74.29 1.67 0.00	70.21 1.71 0.00	68.18 1.85 0.00	67.65 1.78 0.00	66.45 1.55 0.00	70.53 1.38 0.00	91.79 1.97 0.01	102.36 1.52 0.01	102.75 3.09 0.01	117.97 3.43 0.01	119.26 3.70 0.01	120.33 4.30 0.01	117.03 3.63 0.01	112.50 3.49 0.01	111.08 3.34 0.01	106.34 3.59 0.01	120.53 3.51 0.01	149.88 4.51 0.01	128.60 3.74 0.01	116.38 3.28 0.01	103.18 2.22 0.01	93.34 2.18 0.01	88.65 1.39 0.01	80.95 1.43 0.00
NYPA_VERNON____GT3 24163	74.29 1.67 0.00	70.21 1.71 0.00	68.18 1.85 0.00	67.65 1.78 0.00	66.45 1.55 0.00	70.53 1.38 0.00	91.79 1.97 0.01	102.36 1.52 0.01	102.75 3.09 0.01	117.97 3.43 0.01	119.26 3.70 0.01	120.33 4.30 0.01	117.03 3.63 0.01	112.50 3.49 0.01	111.08 3.34 0.01	106.34 3.59 0.01	120.53 3.51 0.01	149.88 4.51 0.01	128.60 3.74 0.01	116.38 3.28 0.01	103.18 2.22 0.01	93.34 2.18 0.01	88.65 1.39 0.01	80.95 1.43 0.00
NYPA____ASTORIA_CC1 323568	74.15 1.53 0.00	70.08 1.58 0.00	68.05 1.72 0.00	67.58 1.71 0.00	66.32 1.43 0.00	70.32 1.17 0.00	91.52 1.70 0.01	102.06 1.21 0.01	102.35 2.69 0.01	117.63 3.09 0.01	118.92 3.35 0.01	119.98 3.95 0.01	116.69 3.29 0.01	112.06 3.05 0.01	110.65 2.91 0.01	106.13 3.39 0.01	120.18 3.16 0.01	149.43 4.06 0.01	128.23 3.37 0.01	116.03 2.94 0.01	102.87 1.91 0.01	93.07 1.92 0.01	88.39 1.13 0.01	80.79 1.27 0.00
NYPA____ASTORIA_CC2 323569	74.15 1.53 0.00	70.08 1.58 0.00	68.05 1.72 0.00	67.58 1.71 0.00	66.32 1.43 0.00	70.32 1.17 0.00	91.52 1.70 0.01	102.06 1.21 0.01	102.35 2.69 0.01	117.63 3.09 0.01	118.92 3.35 0.01	119.98 3.95 0.01	116.69 3.29 0.01	112.06 3.05 0.01	110.65 2.91 0.01	106.13 3.39 0.01	120.18 3.16 0.01	149.43 4.06 0.01	128.23 3.37 0.01	116.03 2.94 0.01	102.87 1.91 0.01	93.07 1.92 0.01	88.39 1.13 0.01	80.79 1.27 0.00
NYPA____HOLTSVILL 23794	76.83 4.21 0.00	72.20 3.70 0.00	69.57 3.25 0.00	68.97 3.10 0.00	67.75 2.85 0.00	72.33 3.18 0.00	93.68 3.86 0.00	100.76 -0.10 0.00	103.75 4.09 0.00	117.29 2.74 0.00	119.73 4.15 0.00	121.50 5.46 0.00	118.85 5.44 0.00	114.47 5.45 0.00	113.56 5.81 0.00	108.92 6.16 -0.01	123.22 6.08 -0.10	147.84 2.47 0.00	129.36 4.49 0.00	120.14 5.76 -1.28	104.41 3.43 -0.01	95.09 3.92 -0.01	90.15 2.88 0.00	82.38 2.86 0.00
NYPA____HELLGATE_GT1 24158	74.15 1.53 0.00	70.00 1.51 0.00	67.91 1.59 0.00	67.32 1.45 0.00	66.13 1.23 0.00	69.90 0.76 0.01	91.34 1.53 0.01	101.86 1.01 0.01	102.04 2.39 0.01	117.28 2.74 0.01	118.33 2.77 0.01	119.40 3.37 0.01	116.11 2.72 0.01	111.52 2.51 0.01	110.11 2.37 0.01	105.61 2.87 0.01	119.59 2.57 0.01	148.71 3.35 0.01	127.73 2.87 0.01	115.70 2.60 0.01	102.47 1.52 0.01	92.61 1.45 0.01	87.96 0.69 0.01	80.48 0.96 0.00
NYPA____HELLGATE_GT2 24159	74.15 1.53 0.00	70.00 1.51 0.00	67.91 1.59 0.00	67.32 1.45 0.00	66.13 1.23 0.00	69.90 0.76 0.01	91.34 1.53 0.01	101.86 1.01 0.01	102.04 2.39 0.01	117.28 2.74 0.01	118.33 2.77 0.01	119.40 3.37 0.01	116.11 2.72 0.01	111.52 2.51 0.01	110.11 2.37 0.01	105.61 2.87 0.01	119.59 2.57 0.01	148.71 3.35 0.01	127.73 2.87 0.01	115.70 2.60 0.01	102.47 1.52 0.01	92.61 1.45 0.01	87.96 0.69 0.01	80.48 0.96 0.00
NYS_BARGE____HYD 23848	70.15 -2.47 0.00	66.24 -2.26 0.00	63.74 -2.59 0.00	63.50 -2.37 0.00	62.76 -2.14 0.00	65.41 -3.73 0.00	81.74 -8.08 0.00	94.81 -6.05 0.00	91.89 -7.77 0.00	105.16 -9.39 0.00	105.75 -9.82 0.00	105.71 -10.33 0.00	102.74 -10.66 0.00	98.34 -10.68 0.00	97.84 -9.91 0.00	92.98 -9.76 0.00	107.90 -9.13 0.00	133.16 -12.21 0.00	114.76 -10.11 0.00	104.50 -8.60 0.00	94.09 -6.87 0.00	84.23 -6.93 0.00	82.56 -4.71 0.00	76.58 -2.94 0.00
OAK ORCHARD____HYD 24046	71.46 -1.16 0.00	67.40 -1.10 0.00	65.00 -1.33 0.00	64.68 -1.18 0.00	63.93 -0.97 0.00	67.49 -1.66 0.00	85.87 -3.95 0.00	98.84 -2.02 0.00	96.68 -2.99 0.00	110.65 -3.89 0.00	111.30 -4.27 0.00	111.51 -4.53 0.00	108.87 -4.54 0.00	104.01 -5.01 0.00	103.54 -4.20 0.00	98.44 -4.31 0.00	113.52 -3.51 0.00	140.87 -4.51 0.00	121.00 -3.87 0.00	109.93 -3.17 0.00	98.65 -2.32 0.00	88.34 -2.83 0.00	85.43 -1.84 0.00	78.49 -1.04 0.00



OAKDALE___35_KV_LOAD 356122	71.17 -1.45 0.00	67.20 -1.30 0.00	65.00 -1.33 0.00	64.62 -1.25 0.00	63.79 -1.10 0.00	67.56 -1.59 0.00	87.49 -2.34 0.00	99.24 -1.61 0.00	97.87 -1.79 0.00	112.03 -2.52 0.00	113.15 -2.43 0.00	113.14 -2.90 0.00	110.46 -2.95 0.00	106.08 -2.94 0.00	104.94 -2.80 0.00	99.77 -2.98 0.00	114.69 -2.34 0.00	143.19 -2.18 0.00	122.24 -2.62 0.00	110.84 -2.26 0.00	99.45 -1.51 0.00	89.25 -1.91 0.00	85.79 -1.48 0.00	78.57 -0.95 0.00
OCC_CHEM___DRP 24175	69.79 -2.83 0.00	66.24 -2.26 0.00	64.00 -2.32 0.00	63.69 -2.17 0.00	63.08 -1.82 0.00	63.89 -5.26 0.00	80.57 -9.25 0.00	91.38 -9.48 0.00	90.30 -9.37 0.00	102.52 -12.03 0.00	103.32 -12.25 0.00	103.39 -12.65 0.00	100.82 -12.59 0.00	96.38 -12.65 0.00	96.11 -11.64 0.00	91.04 -11.71 0.00	105.09 -11.94 0.00	130.69 -14.68 0.00	111.26 -13.61 0.00	101.56 -11.54 0.00	92.08 -8.88 0.00	82.96 -8.20 0.00	81.51 -5.76 0.00	75.47 -4.06 0.00
OH_GEN_PROXY 24063	70.01 -2.61 0.00	66.10 -2.40 0.00	63.67 -2.66 0.00	63.37 -2.50 0.00	62.69 -2.21 0.00	65.34 -3.80 0.00	82.01 -7.82 0.00	95.00 -5.85 0.00	97.05 -7.58 -4.96	100.42 -9.17 4.96	105.98 -9.59 0.00	105.94 -10.10 0.00	102.97 -10.43 0.00	98.66 -10.36 0.00	98.05 -9.70 0.00	93.30 -9.45 0.00	108.13 -8.90 0.00	133.31 -12.06 0.00	115.00 -9.87 0.00	104.50 -8.60 0.00	94.20 -6.76 0.00	84.42 -6.75 0.00	82.64 -4.63 0.00	76.50 -3.02 0.00
OLIN_CORP_DRP 24177	69.06 -3.56 0.00	65.42 -3.08 0.00	63.21 -3.12 0.00	62.90 -2.96 0.00	62.30 -2.60 0.00	64.17 -4.98 0.00	80.93 -8.89 0.00	91.88 -8.98 0.00	90.69 -8.97 0.00	103.09 -11.45 0.00	103.90 -11.67 0.00	103.86 -12.18 0.00	101.27 -12.13 0.00	96.81 -12.21 0.00	96.54 -11.21 0.00	91.34 -11.41 0.00	105.68 -11.35 0.00	131.56 -13.81 0.00	111.88 -12.99 0.00	102.13 -10.97 0.00	92.48 -8.48 0.00	83.32 -7.84 0.00	81.86 -5.41 0.00	75.78 -3.74 0.00
OLIN_CORP_DSASP 323712	69.79 -2.83 0.00	66.24 -2.26 0.00	64.00 -2.32 0.00	63.69 -2.17 0.00	63.08 -1.82 0.00	63.89 -5.26 0.00	80.57 -9.25 0.00	91.38 -9.48 0.00	90.30 -9.37 0.00	102.52 -12.03 0.00	103.32 -12.25 0.00	103.39 -12.65 0.00	100.82 -12.59 0.00	96.38 -12.65 0.00	96.11 -11.64 0.00	91.04 -11.71 0.00	105.09 -11.94 0.00	130.69 -14.68 0.00	111.26 -13.61 0.00	101.56 -11.54 0.00	92.08 -8.88 0.00	82.96 -8.20 0.00	81.51 -5.76 0.00	75.47 -4.06 0.00
ONEIDA_HERK_LFGE 323681	75.23 2.61 0.00	70.69 2.19 0.00	68.38 2.06 0.00	67.71 1.84 0.00	66.91 2.01 0.00	71.42 2.28 0.00	92.96 3.14 0.00	104.89 4.04 0.00	104.15 4.49 0.00	120.16 5.61 0.00	122.04 6.47 0.00	122.30 6.26 0.00	119.64 6.23 0.00	114.91 5.88 0.00	113.02 5.28 0.00	107.58 4.83 0.00	122.65 5.62 0.00	152.78 7.41 0.00	131.11 6.24 0.00	118.98 5.88 0.00	105.91 4.95 0.00	95.36 4.20 0.00	90.93 3.66 0.00	82.62 3.10 0.00
ONEIDA___115KV_TB4 55905	73.49 0.87 0.00	69.39 0.89 0.00	67.19 0.86 0.00	66.72 0.86 0.00	65.87 0.97 0.00	70.18 1.04 0.00	91.80 1.98 0.00	103.28 2.42 0.00	102.16 2.49 0.00	115.58 1.03 0.00	116.61 1.04 0.00	116.97 0.93 0.00	114.31 0.91 0.00	110.00 0.98 0.00	108.50 0.75 0.00	103.57 0.82 0.00	117.97 0.94 0.00	146.54 1.16 0.00	125.62 0.75 0.00	113.78 0.68 0.00	102.88 1.92 0.00	92.53 1.37 0.00	88.49 1.22 0.00	80.63 1.11 0.00
ONONDAGA_REF_OCCRA 23987	71.17 -1.45 0.00	67.13 -1.37 0.00	64.93 -1.39 0.00	64.55 -1.32 0.00	63.66 -1.23 0.00	67.62 -1.52 0.00	87.85 -1.98 0.00	99.24 -1.61 0.00	98.07 -1.59 0.00	112.60 -1.95 0.00	113.72 -1.85 0.00	113.84 -2.20 0.00	111.14 -2.27 0.00	106.95 -2.07 0.00	105.70 -2.05 0.00	100.59 -2.16 0.00	115.16 -1.87 0.00	143.63 -1.74 0.00	122.87 -2.00 0.00	111.29 -1.81 0.00	99.65 -1.31 0.00	89.52 -1.64 0.00	85.79 -1.48 0.00	78.25 -1.27 0.00
ONONDAGA___COGEN 23986	71.24 -1.38 0.00	67.20 -1.30 0.00	65.07 -1.26 0.00	64.68 -1.19 0.00	63.73 -1.17 0.00	67.76 -1.38 0.00	87.94 -1.89 0.00	99.65 -1.21 0.00	98.47 -1.20 0.00	113.06 -1.49 0.00	114.19 -1.39 0.00	114.42 -1.62 0.00	111.70 -1.70 0.00	107.50 -1.53 0.00	106.24 -1.51 0.00	100.80 -1.95 0.00	115.27 -1.76 0.00	143.77 -1.60 0.00	122.99 -1.87 0.00	111.40 -1.70 0.00	99.75 -1.21 0.00	89.61 -1.55 0.00	85.87 -1.40 0.00	78.33 -1.19 0.00
ONTARIO___LFGE 23819	72.69 0.07 0.00	68.50 0.00 0.00	66.13 -0.20 0.00	65.87 0.00 0.00	64.96 0.06 0.00	69.28 0.14 0.00	89.73 -0.09 0.00	102.87 2.02 0.00	100.87 1.20 0.00	115.58 1.03 0.00	116.49 0.92 0.00	116.39 0.35 0.00	113.41 0.00 0.00	109.02 0.00 0.00	107.85 0.11 0.00	102.75 0.00 0.00	118.20 1.17 0.00	147.69 2.32 0.00	126.61 1.75 0.00	114.57 1.47 0.00	102.57 1.61 0.00	91.53 0.37 0.00	87.80 0.53 0.00	80.24 0.71 0.00
ORANGEVILLE_WT_PWR 323706	70.73 -1.89 0.00	66.85 -1.64 0.00	64.40 -1.93 0.00	64.16 -1.71 0.00	63.41 -1.49 0.00	66.31 -2.84 0.00	83.35 -6.47 0.00	96.52 -4.33 0.00	93.58 -6.08 0.00	106.98 -7.56 0.00	107.71 -7.86 0.00	107.68 -8.36 0.00	104.68 -8.73 0.00	100.08 -8.94 0.00	99.45 -8.29 0.00	94.43 -8.32 0.00	109.77 -7.26 0.00	135.63 -9.74 0.00	116.87 -7.99 0.00	106.20 -6.90 0.00	95.61 -5.35 0.00	85.60 -5.56 0.00	83.78 -3.49 0.00	77.54 -1.98 0.00
ORANGEVILLE___ESR 323794	70.73 -1.89 0.00	66.85 -1.64 0.00	64.40 -1.93 0.00	64.16 -1.71 0.00	63.41 -1.49 0.00	66.31 -2.84 0.00	83.35 -6.47 0.00	96.52 -4.33 0.00	93.58 -6.08 0.00	106.98 -7.56 0.00	107.71 -7.86 0.00	107.68 -8.36 0.00	104.68 -8.73 0.00	100.08 -8.94 0.00	99.45 -8.29 0.00	94.43 -8.32 0.00	109.77 -7.26 0.00	135.63 -9.74 0.00	116.87 -7.99 0.00	106.20 -6.90 0.00	95.61 -5.35 0.00	85.60 -5.56 0.00	83.78 -3.49 0.00	77.54 -1.98 0.00
OSWEGATCHIE___HYD 24044	73.85 1.23 0.00	69.59 1.09 0.00	67.32 1.00 0.00	66.72 0.85 0.00	65.87 0.97 0.00	69.77 0.62 0.00	90.72 0.90 0.00	101.97 1.11 0.00	101.06 1.39 0.00	116.84 2.29 0.00	119.16 3.59 0.00	119.52 3.48 0.00	116.93 3.52 0.00	112.41 3.38 0.00	110.44 2.69 0.00	104.60 1.85 0.00	118.32 1.29 0.00	147.56 2.18 0.00	126.61 1.75 0.00	114.80 1.70 0.00	102.18 1.22 0.00	92.81 1.64 0.00	88.84 1.57 0.00	81.11 1.59 0.00
OSWEGO___5 23606	70.23 -2.39 0.00	66.24 -2.26 0.00	64.07 -2.26 0.00	63.70 -2.17 0.00	62.76 -2.14 0.00	66.79 -2.35 0.00	86.50 -3.32 0.00	97.83 -3.02 0.00	96.47 -3.19 0.00	110.77 -3.78 0.00	111.76 -3.81 0.00	112.09 -3.95 0.00	109.43 -3.97 0.00	105.20 -3.82 0.00	104.08 -3.66 0.00	99.15 -3.60 0.00	113.28 -3.75 0.00	140.87 -4.51 0.00	120.87 -4.00 0.00	109.59 -3.51 0.00	97.83 -3.13 0.00	88.06 -3.10 0.00	84.47 -2.80 0.00	77.06 -2.47 0.00
OSWEGO___6 23613	70.23 -2.39 0.00	66.24 -2.26 0.00	64.07 -2.26 0.00	63.70 -2.17 0.00	62.76 -2.14 0.00	66.79 -2.35 0.00	86.50 -3.32 0.00	97.83 -3.02 0.00	96.47 -3.19 0.00	110.77 -3.78 0.00	111.76 -3.81 0.00	112.09 -3.95 0.00	109.43 -3.97 0.00	105.20 -3.82 0.00	104.08 -3.66 0.00	99.15 -3.60 0.00	113.28 -3.75 0.00	140.87 -4.51 0.00	120.87 -4.00 0.00	109.59 -3.51 0.00	97.83 -3.13 0.00	88.06 -3.10 0.00	84.47 -2.80 0.00	77.06 -2.47 0.00



OUTOKUMPU-AB___DRP 24206	70.88 -1.74 0.00	67.13 -1.37 0.00	64.87 -1.46 0.00	64.55 -1.32 0.00	63.92 -0.97 0.00	65.55 -3.60 0.00	82.55 -7.28 0.00	93.70 -7.16 0.00	92.59 -7.08 0.00	104.92 -9.62 0.00	105.75 -9.82 0.00	105.83 -10.21 0.00	103.43 -9.98 0.00	98.77 -10.25 0.00	98.48 -9.27 0.00	93.19 -9.56 0.00	107.55 -9.48 0.00	134.03 -11.34 0.00	114.00 -10.86 0.00	104.28 -8.82 0.00	94.30 -6.66 0.00	84.87 -6.29 0.00	83.34 -3.93 0.00	77.06 -2.47 0.00
OXBOW___BTM 323836	70.88 -1.74 0.00	66.93 -1.57 0.00	64.40 -1.93 0.00	64.16 -1.71 0.00	63.41 -1.49 0.00	65.41 -3.73 0.00	81.74 -8.08 0.00	94.70 -6.16 0.00	91.79 -7.88 0.00	105.04 -9.51 0.00	105.75 -9.82 0.00	105.71 -10.33 0.00	102.63 -10.78 0.00	98.34 -10.68 0.00	97.73 -10.02 0.00	92.98 -9.76 0.00	107.55 -9.48 0.00	131.70 -13.67 0.00	113.75 -11.11 0.00	104.16 -8.94 0.00	94.00 -6.97 0.00	84.15 -7.02 0.00	82.56 -4.71 0.00	76.42 -3.10 0.00
OXBOW___ 24026	70.44 -2.18 0.00	66.79 -1.71 0.00	64.53 -1.79 0.00	64.22 -1.65 0.00	63.60 -1.30 0.00	64.86 -4.29 0.00	81.74 -8.08 0.00	92.69 -8.17 0.00	91.59 -8.07 0.00	103.44 -11.11 0.00	104.13 -11.44 0.00	104.20 -11.84 0.00	102.29 -11.11 0.00	97.79 -11.23 0.00	97.51 -10.24 0.00	92.27 -10.48 0.00	105.91 -11.12 0.00	131.85 -13.52 0.00	112.13 -12.74 0.00	103.03 -10.07 0.00	93.39 -7.57 0.00	84.14 -7.02 0.00	82.56 -4.71 0.00	76.42 -3.10 0.00
OXY_CHEM_DSASP 323612	69.79 -2.83 0.00	66.24 -2.26 0.00	64.00 -2.32 0.00	63.69 -2.17 0.00	63.08 -1.82 0.00	63.89 -5.26 0.00	80.57 -9.25 0.00	91.38 -9.48 0.00	90.30 -9.37 0.00	102.52 -12.03 0.00	103.32 -12.25 0.00	103.39 -12.65 0.00	100.82 -12.59 0.00	96.38 -12.65 0.00	96.11 -11.64 0.00	91.04 -11.71 0.00	105.09 -11.94 0.00	130.69 -14.68 0.00	111.26 -13.61 0.00	101.56 -11.54 0.00	92.08 -8.88 0.00	82.96 -8.20 0.00	81.51 -5.76 0.00	75.47 -4.06 0.00
OZONE_PARK_ESR 323760	75.09 2.47 0.00	70.83 2.33 0.00	68.65 2.32 0.00	68.04 2.17 0.00	66.84 1.95 0.00	71.50 2.35 0.00	93.06 3.23 0.00	104.08 3.23 0.00	103.95 4.29 0.00	119.70 5.15 0.00	121.00 5.43 0.00	121.96 5.92 0.00	118.74 5.33 0.00	114.15 5.12 0.00	112.59 4.85 0.00	107.78 5.03 0.00	122.53 5.50 0.00	152.06 6.69 0.00	130.86 5.99 0.00	118.30 5.20 0.00	104.90 3.94 0.00	94.72 3.56 0.00	89.89 2.62 0.00	81.83 2.31 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	69.79 -2.83 0.00	66.24 -2.26 0.00	64.00 -2.32 0.00	63.69 -2.17 0.00	63.08 -1.82 0.00	63.89 -5.26 0.00	80.57 -9.25 0.00	91.38 -9.48 0.00	90.30 -9.37 0.00	102.52 -12.03 0.00	103.32 -12.25 0.00	103.39 -12.65 0.00	100.82 -12.59 0.00	96.38 -12.65 0.00	96.11 -11.64 0.00	91.04 -11.71 0.00	105.09 -11.94 0.00	130.69 -14.68 0.00	111.26 -13.61 0.00	101.56 -11.54 0.00	92.08 -8.88 0.00	82.96 -8.20 0.00	81.51 -5.76 0.00	75.47 -4.06 0.00
PACKARD___115KV_DUPONT_184 80571	70.23 -2.39 0.00	66.38 -2.12 0.00	63.87 -2.45 0.00	63.56 -2.31 0.00	62.88 -2.01 0.00	64.44 -4.70 0.00	80.57 -9.25 0.00	93.39 -7.46 0.00	90.40 -9.27 0.00	103.55 -11.00 0.00	104.25 -11.32 0.00	104.09 -11.95 0.00	101.16 -12.25 0.00	96.92 -12.10 0.00	96.32 -11.42 0.00	91.65 -11.10 0.00	106.27 -10.76 0.00	130.70 -14.68 0.00	112.76 -12.11 0.00	102.70 -10.40 0.00	92.69 -8.28 0.00	82.96 -8.20 0.00	81.42 -5.85 0.00	75.47 -4.05 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	74.29 1.67 0.00	70.07 1.58 0.00	67.92 1.59 0.00	67.38 1.51 0.00	66.13 1.23 0.00	70.25 1.11 0.00	91.52 1.71 0.01	102.36 1.51 0.01	101.95 2.29 0.01	117.29 2.75 0.01	118.57 3.00 0.01	119.51 3.48 0.01	116.23 2.84 0.01	111.74 2.73 0.01	110.22 2.48 0.01	105.51 2.77 0.01	119.95 2.93 0.01	148.71 3.34 0.01	128.11 3.25 0.01	115.92 2.83 0.01	102.77 1.82 0.01	92.71 1.55 0.01	88.05 0.79 0.01	80.56 1.03 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	74.87 2.25 0.00	70.62 2.12 0.00	68.45 2.12 0.00	67.91 2.04 0.00	66.65 1.75 0.00	70.81 1.66 0.00	92.15 2.34 0.01	103.07 2.22 0.01	102.65 2.99 0.01	118.09 3.55 0.01	119.38 3.81 0.01	120.33 4.29 0.01	116.91 3.52 0.01	112.50 3.49 0.01	110.86 3.12 0.01	106.13 3.39 0.01	120.77 3.74 0.01	149.73 4.36 0.01	128.98 4.12 0.01	116.71 3.62 0.01	103.58 2.63 0.01	93.34 2.19 0.01	88.66 1.40 0.01	81.19 1.67 0.00
PATROON___115KV_TB1 80586	74.07 1.45 0.00	69.87 1.37 0.00	67.65 1.33 0.00	67.19 1.32 0.00	66.19 1.30 0.00	70.67 1.52 0.00	91.53 1.71 0.00	102.37 1.51 0.00	101.96 2.29 0.00	117.30 2.75 0.00	118.35 2.77 0.00	118.83 2.78 0.00	115.56 2.15 0.00	111.20 2.18 0.00	109.79 2.05 0.00	105.11 2.36 0.00	119.37 2.34 0.00	147.84 2.47 0.00	127.24 2.37 0.00	115.14 2.04 0.00	102.58 1.62 0.00	92.53 1.37 0.00	88.40 1.13 0.00	80.32 0.80 0.00
PATTRSNVILLE___SOLAR 323815	74.22 1.60 0.00	70.08 1.58 0.00	67.78 1.46 0.00	67.38 1.52 0.00	66.45 1.55 0.00	70.94 1.79 0.00	92.61 2.79 0.00	103.68 2.82 0.00	102.45 2.79 0.00	117.18 2.64 0.00	118.00 2.43 0.00	118.48 2.44 0.00	115.67 2.27 0.00	111.32 2.29 0.00	110.11 2.37 0.00	105.94 3.19 0.00	120.43 3.40 0.00	149.88 4.51 0.00	128.61 3.74 0.00	116.49 3.39 0.00	103.79 2.82 0.00	93.35 2.18 0.00	89.28 2.01 0.00	81.03 1.51 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	71.17 -1.45 0.00	67.40 -1.10 0.00	65.07 -1.26 0.00	64.81 -1.05 0.00	64.12 -0.78 0.00	66.73 -2.42 0.00	84.88 -4.94 0.00	96.52 -4.34 0.00	95.18 -4.48 0.00	108.13 -6.41 0.00	109.10 -6.47 0.00	109.08 -6.96 0.00	106.37 -7.03 0.00	101.72 -7.30 0.00	101.17 -6.57 0.00	95.86 -6.88 0.00	110.94 -6.09 0.00	138.54 -6.83 0.00	117.87 -6.99 0.00	107.33 -5.77 0.00	96.82 -4.14 0.00	87.06 -4.10 0.00	85.09 -2.18 0.00	78.49 -1.03 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	75.45 2.83 0.00	71.17 2.67 0.00	68.91 2.59 0.00	68.37 2.50 0.00	67.30 2.40 0.00	71.91 2.77 0.00	93.77 3.95 0.00	104.99 4.14 0.00	104.65 4.98 0.00	120.50 5.96 0.00	121.70 6.13 0.00	122.65 6.61 0.00	119.19 5.78 0.00	114.69 5.67 0.00	113.03 5.28 0.00	108.19 5.45 0.00	123.00 5.97 0.00	152.93 7.56 0.00	131.36 6.49 0.00	118.87 5.77 0.00	105.61 4.64 0.00	95.27 4.10 0.00	90.41 3.14 0.00	82.15 2.62 0.00
PEEKSKILL___ 23653	74.00 1.38 0.00	69.87 1.37 0.00	67.65 1.33 0.00	67.19 1.32 0.00	66.07 1.17 0.00	70.53 1.38 0.00	91.89 2.07 0.00	102.57 1.71 0.00	102.65 2.99 0.00	117.87 3.32 0.00	119.16 3.59 0.00	120.10 4.06 0.00	116.80 3.40 0.00	112.29 3.27 0.00	110.87 3.13 0.00	106.13 3.39 0.00	120.30 3.27 0.00	149.59 4.22 0.00	128.36 3.49 0.00	116.26 3.16 0.00	103.18 2.22 0.00	93.35 2.18 0.00	88.75 1.48 0.00	80.72 1.19 0.00
PGE MADISON___WINDPWR 24146	77.34 4.72 0.00	73.09 4.59 0.00	70.64 4.31 0.00	69.89 4.02 0.00	69.24 4.35 0.00	73.78 4.63 0.00	96.38 6.56 0.00	109.63 8.77 0.00	108.93 9.27 0.00	124.86 10.31 0.00	126.55 10.98 0.00	126.72 10.68 0.00	123.95 10.55 0.00	118.94 9.92 0.00	117.01 9.27 0.00	111.38 8.63 0.00	128.62 11.59 0.00	161.22 15.85 0.00	137.23 12.36 0.00	124.52 11.42 0.00	111.16 10.20 0.00	98.64 7.48 0.00	93.99 6.72 0.00	85.41 5.88 0.00



PIERCEFIELD___HYD 23852	74.15 1.53 0.00	70.14 1.64 0.00	67.98 1.66 0.00	67.45 1.58 0.00	66.45 1.56 0.00	70.53 1.38 0.00	91.80 1.98 0.00	102.77 1.92 0.00	101.36 1.69 0.00	117.07 2.52 0.00	118.46 2.89 0.00	119.06 3.02 0.00	116.35 2.95 0.00	111.86 2.83 0.00	109.79 2.05 0.00	103.98 1.23 0.00	118.08 1.05 0.00	147.26 1.89 0.00	126.37 1.50 0.00	114.46 1.36 0.00	101.97 1.01 0.00	92.26 1.09 0.00	88.67 1.40 0.00	81.27 1.75 0.00
PINELAWN_CC_1 323563	76.83 4.21 0.00	72.26 3.76 0.00	69.64 3.31 0.00	69.10 3.23 0.00	67.88 2.99 0.00	72.46 3.32 0.00	94.49 4.67 0.00	102.77 1.91 0.00	104.84 5.18 0.00	118.66 4.12 0.00	121.12 5.55 0.00	122.77 6.73 0.00	119.87 6.46 0.00	115.56 6.54 0.00	114.43 6.68 0.00	109.75 6.99 -0.01	124.29 7.02 -0.24	151.04 5.66 0.00	131.23 6.36 0.00	122.85 6.67 -3.08	105.92 4.95 -0.01	96.64 5.47 -0.01	91.29 4.02 0.00	83.26 3.74 0.00
PJM_GEN_HTTP_PROXY 323702	74.36 1.74 0.00	70.21 1.71 0.00	68.05 1.72 0.00	67.58 1.71 0.00	66.39 1.49 0.00	70.74 1.59 0.00	92.25 2.43 0.00	102.98 2.12 0.00	108.21 3.58 -4.96	113.70 4.12 4.96	119.96 4.39 0.00	120.91 4.87 0.00	117.71 4.31 0.00	113.06 4.04 0.00	111.62 3.87 0.00	106.96 4.21 0.00	121.12 4.09 0.00	150.60 5.23 0.00	129.24 4.37 0.00	116.95 3.85 0.00	103.69 2.73 0.00	93.81 2.65 0.00	89.11 1.84 0.00	81.03 1.51 0.00
PJM_GEN_KEystone 24065	60.77 -0.87 10.98	58.21 -0.75 9.54	56.59 -0.86 8.87	54.01 -0.79 11.07	56.54 -0.78 7.58	68.11 -1.04 0.00	87.76 -2.06 0.00	99.44 -1.41 0.00	103.23 -1.40 -4.96	82.55 -2.18 29.82	81.01 -2.08 32.49	78.79 -2.09 35.17	72.64 -2.60 38.16	74.67 -2.62 31.73	74.25 -2.47 31.02	77.84 -2.16 22.75	98.10 -1.99 16.94	114.77 -2.61 27.99	116.35 -2.24 6.27	100.03 -1.92 11.15	86.26 -1.72 12.99	79.74 -1.73 9.69	73.13 -1.48 12.66	70.88 -1.04 7.61
PJM_GEN_NEPTUNE_PROXY 323594	75.74 3.12 0.00	71.24 2.74 0.00	68.78 2.46 0.00	68.24 2.37 0.00	67.04 2.14 0.00	71.56 2.42 0.00	93.23 3.41 0.00	101.86 1.01 0.00	108.51 3.88 -4.96	112.68 3.09 4.96	119.96 4.39 0.00	121.50 5.46 0.00	118.51 5.11 0.00	114.15 5.13 0.00	112.92 5.17 0.00	108.20 5.44 -0.01	122.67 5.62 -0.03	149.44 4.06 0.00	129.61 4.74 0.00	118.65 5.32 -0.23	104.41 3.43 -0.01	95.18 4.01 -0.01	89.98 2.71 0.00	82.07 2.54 0.00
PJM_GEN_VFT_PROXY 323633	73.93 1.31 0.00	69.80 1.30 0.00	67.65 1.33 0.00	67.12 1.25 0.00	66.00 1.10 0.00	70.39 1.25 0.00	91.71 1.89 0.00	102.27 1.41 0.00	107.61 2.99 -4.96	113.02 3.43 4.96	119.27 3.70 0.00	120.34 4.30 0.00	117.03 3.63 0.00	112.41 3.38 0.00	110.98 3.23 0.00	106.44 3.69 0.00	120.54 3.51 0.00	149.88 4.51 0.00	128.61 3.74 0.00	116.38 3.28 0.00	103.09 2.12 0.00	93.26 2.10 0.00	88.58 1.31 0.00	80.55 1.03 0.00
PLATSBURG_115KV_PMLD1 355749	75.09 2.47 0.00	70.83 2.33 0.00	68.71 2.39 0.00	68.17 2.31 0.00	67.17 2.27 0.00	71.63 2.49 0.00	93.15 3.32 0.00	104.99 4.14 0.00	103.55 3.89 0.00	118.90 4.35 0.00	119.96 4.39 0.00	120.45 4.41 0.00	117.49 4.08 0.00	112.95 3.92 0.00	111.73 3.99 0.00	106.34 3.60 0.00	121.36 4.33 0.00	151.33 5.96 0.00	129.86 4.99 0.00	117.62 4.52 0.00	104.90 3.94 0.00	94.72 3.56 0.00	90.76 3.49 0.00	82.78 3.26 0.00
PLEASANTVLY___LBMP 24000	74.22 1.60 0.00	70.01 1.51 0.00	67.78 1.46 0.00	67.32 1.45 0.00	66.19 1.30 0.00	70.81 1.66 0.00	92.07 2.25 0.00	102.97 2.12 0.00	102.56 2.89 0.00	117.98 3.44 0.00	119.16 3.58 0.00	119.99 3.95 0.00	116.58 3.18 0.00	112.18 3.16 0.00	110.76 3.02 0.00	105.93 3.19 0.00	120.31 3.28 0.00	149.01 3.63 0.00	128.36 3.50 0.00	116.15 3.05 0.00	103.29 2.32 0.00	93.44 2.28 0.00	88.84 1.57 0.00	80.87 1.35 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	74.58 1.96 0.00	70.35 1.85 0.00	68.05 1.72 0.00	67.58 1.71 0.00	66.45 1.56 0.00	71.15 2.01 0.00	92.52 2.69 0.00	103.38 2.52 0.00	103.15 3.49 0.00	118.67 4.12 0.00	119.96 4.39 0.00	120.91 4.87 0.00	117.60 4.20 0.00	113.06 4.03 0.00	111.52 3.77 0.00	106.76 4.01 0.00	121.24 4.21 0.00	150.32 4.94 0.00	129.36 4.50 0.00	117.06 3.96 0.00	104.09 3.13 0.00	93.99 2.83 0.00	89.28 2.01 0.00	81.19 1.67 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	74.58 1.96 0.00	70.35 1.85 0.00	68.05 1.72 0.00	67.58 1.71 0.00	66.45 1.56 0.00	71.15 2.01 0.00	92.52 2.69 0.00	103.38 2.52 0.00	103.15 3.49 0.00	118.67 4.12 0.00	119.96 4.39 0.00	120.91 4.87 0.00	117.60 4.20 0.00	113.06 4.03 0.00	111.52 3.77 0.00	106.76 4.01 0.00	121.24 4.21 0.00	150.32 4.94 0.00	129.36 4.50 0.00	117.06 3.96 0.00	104.09 3.13 0.00	93.99 2.83 0.00	89.28 2.01 0.00	81.19 1.67 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	74.94 2.32 0.00	70.69 2.19 0.00	68.45 2.12 0.00	67.98 2.11 0.00	66.84 1.95 0.00	71.50 2.35 0.00	93.06 3.23 0.00	104.18 3.33 0.00	103.65 3.99 0.00	119.36 4.81 0.00	120.43 4.85 0.00	121.26 5.22 0.00	117.94 4.54 0.00	113.49 4.47 0.00	111.95 4.20 0.00	107.06 4.32 0.00	121.71 4.68 0.00	151.04 5.67 0.00	129.99 5.12 0.00	117.62 4.52 0.00	104.50 3.53 0.00	94.45 3.28 0.00	89.80 2.53 0.00	81.67 2.15 0.00
POLETTI____ 23519	73.35 0.73 0.00	69.18 0.68 0.00	66.99 0.66 0.00	66.46 0.59 0.00	65.22 0.32 0.00	69.28 0.14 0.00	90.35 0.54 0.01	101.05 0.20 0.01	100.65 1.00 0.01	115.91 1.37 0.01	117.18 1.62 0.01	118.12 2.09 0.01	114.76 1.36 0.01	110.43 1.42 0.01	108.92 1.19 0.01	104.18 1.44 0.01	118.43 1.40 0.01	146.82 1.45 0.01	126.48 1.62 0.01	114.45 1.36 0.01	101.46 0.50 0.01	91.52 0.36 0.01	86.83 -0.44 0.01	79.52 0.00 0.00
POMONA___ESR 323819	73.85 1.23 0.00	69.73 1.23 0.00	67.52 1.20 0.00	67.06 1.19 0.00	65.93 1.04 0.00	70.39 1.25 0.00	91.80 1.97 0.00	102.47 1.61 0.00	102.56 2.89 0.00	117.75 3.20 0.00	119.04 3.46 0.00	119.86 3.82 0.00	116.70 3.29 0.00	112.07 3.05 0.00	110.66 2.91 0.00	105.94 3.19 0.00	120.07 3.04 0.00	149.30 3.93 0.00	128.11 3.24 0.00	115.93 2.83 0.00	102.98 2.02 0.00	93.17 2.00 0.00	88.58 1.31 0.00	80.48 0.96 0.00
PORT_JEFF_3 23555	76.98 4.36 0.00	72.33 3.83 0.00	69.64 3.31 0.00	69.10 3.23 0.00	67.82 2.92 0.00	72.40 3.25 0.00	93.87 4.05 0.00	100.86 0.00 0.00	103.95 4.28 0.00	117.41 2.86 0.00	119.38 3.81 0.00	121.27 5.23 0.00	118.74 5.33 0.00	114.47 5.45 0.00	113.67 5.92 0.00	109.03 6.27 -0.01	122.99 5.85 -0.11	147.41 2.03 0.00	128.86 3.99 0.00	119.95 5.54 -1.30	104.50 3.53 -0.01	95.28 4.11 -0.01	90.24 2.97 0.00	82.47 2.94 0.00
PORT_JEFF_4 23616	76.98 4.36 0.00	72.33 3.83 0.00	69.64 3.31 0.00	69.10 3.23 0.00	67.82 2.92 0.00	72.40 3.25 0.00	93.87 4.05 0.00	100.86 0.00 0.00	103.95 4.28 0.00	117.41 2.86 0.00	119.38 3.81 0.00	121.27 5.23 0.00	118.74 5.33 0.00	114.47 5.45 0.00	113.67 5.92 0.00	109.03 6.27 -0.01	122.99 5.85 -0.11	147.41 2.03 0.00	128.86 3.99 0.00	119.95 5.54 -1.30	104.50 3.53 -0.01	95.28 4.11 -0.01	90.24 2.97 0.00	82.47 2.94 0.00



PORT_JEFF_IC 23713	77.20 4.58 0.00	72.47 3.97 0.00	69.71 3.38 0.00	69.16 3.29 0.00	67.88 2.99 0.00	73.09 3.94 0.00	94.22 4.40 0.00	102.27 1.41 0.00	102.06 2.39 0.00	116.84 2.29 0.00	119.73 4.16 0.00	121.38 5.34 0.00	118.28 4.88 0.00	114.47 5.45 0.00	112.92 5.17 0.00	108.81 6.06 0.00	123.70 6.55 -0.11	146.83 1.45 0.00	128.99 4.12 0.00	120.49 5.99 -1.40	106.42 5.45 0.00	95.45 4.28 0.00	90.93 3.67 0.00	82.54 3.02 0.00
PPL PILGRIM_ST_GT1 24216	77.85 5.23 0.00	73.16 4.66 0.00	70.51 4.18 0.00	69.95 4.09 0.00	68.72 3.83 0.00	73.36 4.22 0.00	95.58 5.75 0.00	103.47 2.62 0.00	105.85 6.18 0.00	119.47 4.92 0.00	122.04 6.47 0.00	123.82 7.78 0.00	121.00 7.60 0.00	116.65 7.63 0.00	115.61 7.86 0.00	110.87 8.12 -0.01	123.73 6.55 -0.15	150.90 5.52 0.00	131.36 6.49 0.00	121.16 6.22 -1.85	106.62 5.65 -0.01	97.46 6.29 -0.01	92.07 4.80 0.00	84.13 4.61 0.00
PPL PILGRIM_ST_GT2 24217	77.85 5.23 0.00	73.16 4.66 0.00	70.51 4.18 0.00	69.95 4.09 0.00	68.72 3.83 0.00	73.36 4.22 0.00	95.58 5.75 0.00	103.47 2.62 0.00	105.85 6.18 0.00	119.47 4.92 0.00	122.04 6.47 0.00	123.82 7.78 0.00	121.00 7.60 0.00	116.65 7.63 0.00	115.61 7.86 0.00	110.87 8.12 -0.01	123.73 6.55 -0.15	150.90 5.52 0.00	131.36 6.49 0.00	121.16 6.22 -1.85	106.62 5.65 -0.01	97.46 6.29 -0.01	92.07 4.80 0.00	84.13 4.61 0.00
PPL_SHRM_GT3 24213	77.78 5.16 0.00	73.02 4.52 0.00	70.30 3.98 0.00	69.69 3.82 0.00	68.40 3.50 0.00	73.02 3.87 0.00	93.42 3.60 0.00	99.14 -1.72 0.00	103.95 4.28 0.00	118.44 3.90 0.00	121.01 5.43 0.00	122.88 6.84 0.00	120.32 6.92 0.00	115.89 6.87 0.00	114.97 7.22 0.00	110.36 7.60 -0.01	124.86 7.72 -0.11	147.99 2.62 0.00	131.11 6.24 0.00	121.80 7.35 -1.35	104.71 3.74 -0.01	93.63 2.46 -0.01	88.66 1.39 0.00	81.11 1.59 0.00
PPL_SHRM_GT4 24214	77.78 5.16 0.00	73.02 4.52 0.00	70.30 3.98 0.00	69.69 3.82 0.00	68.40 3.50 0.00	73.02 3.87 0.00	93.42 3.60 0.00	99.14 -1.72 0.00	103.95 4.28 0.00	118.44 3.90 0.00	121.01 5.43 0.00	122.88 6.84 0.00	120.32 6.92 0.00	115.89 6.87 0.00	114.97 7.22 0.00	110.36 7.60 -0.01	124.86 7.72 -0.11	147.99 2.62 0.00	131.11 6.24 0.00	121.80 7.35 -1.35	104.71 3.74 -0.01	93.63 2.46 -0.01	88.66 1.39 0.00	81.11 1.59 0.00
PROJECT___ORANGE 1 24174	70.88 -1.74 0.00	66.86 -1.64 0.00	64.73 -1.59 0.00	64.35 -1.51 0.00	63.47 -1.43 0.00	67.42 -1.73 0.00	87.49 -2.34 0.00	98.84 -2.02 0.00	97.67 -1.99 0.00	112.14 -2.41 0.00	113.26 -2.31 0.00	113.37 -2.67 0.00	110.80 -2.61 0.00	106.51 -2.51 0.00	105.27 -2.48 0.00	100.28 -2.47 0.00	114.57 -2.46 0.00	142.76 -2.62 0.00	122.24 -2.62 0.00	110.73 -2.38 0.00	99.05 -1.92 0.00	89.07 -2.10 0.00	85.44 -1.83 0.00	77.93 -1.59 0.00
PROJECT___ORANGE 2 24166	70.88 -1.74 0.00	66.86 -1.64 0.00	64.73 -1.59 0.00	64.35 -1.51 0.00	63.47 -1.43 0.00	67.42 -1.73 0.00	87.49 -2.34 0.00	98.84 -2.02 0.00	97.67 -1.99 0.00	112.14 -2.41 0.00	113.26 -2.31 0.00	113.37 -2.67 0.00	110.80 -2.61 0.00	106.51 -2.51 0.00	105.27 -2.48 0.00	100.28 -2.47 0.00	114.57 -2.46 0.00	142.76 -2.62 0.00	122.24 -2.62 0.00	110.73 -2.38 0.00	99.05 -1.92 0.00	89.07 -2.10 0.00	85.44 -1.83 0.00	77.93 -1.59 0.00
PUCKETT___SOLAR 323809	72.84 0.22 0.00	68.71 0.21 0.00	66.39 0.07 0.00	65.93 0.07 0.00	65.09 0.20 0.00	69.42 0.28 0.00	89.91 0.09 0.00	102.67 1.82 0.00	100.87 1.20 0.00	115.58 1.03 0.00	116.85 1.27 0.00	116.86 0.82 0.00	113.98 0.57 0.00	109.57 0.55 0.00	108.18 0.43 0.00	103.06 0.31 0.00	118.55 1.52 0.00	147.84 2.47 0.00	126.86 1.99 0.00	114.90 1.80 0.00	102.68 1.71 0.00	91.62 0.46 0.00	87.88 0.62 0.00	80.32 0.80 0.00
PYRITES___HYD 24023	75.45 2.83 0.00	71.38 2.88 0.00	69.24 2.92 0.00	68.64 2.77 0.00	67.75 2.86 0.00	72.12 2.97 0.00	93.95 4.13 0.00	105.29 4.44 0.00	103.65 3.99 0.00	119.47 4.93 0.00	120.77 5.20 0.00	121.38 5.34 0.00	118.51 5.10 0.00	113.82 4.80 0.00	111.95 4.20 0.00	106.24 3.49 0.00	121.13 4.10 0.00	151.33 5.96 0.00	129.86 4.99 0.00	117.62 4.52 0.00	104.70 3.74 0.00	94.54 3.37 0.00	90.67 3.40 0.00	83.02 3.50 0.00
QUAKERRD_115KV_BK1 80622	69.86 -2.76 0.00	65.96 -2.53 0.00	63.81 -2.52 0.00	63.50 -2.37 0.00	62.76 -2.14 0.00	65.90 -3.25 0.00	84.61 -5.21 0.00	95.81 -5.04 0.00	94.78 -4.88 0.00	108.48 -6.07 0.00	109.22 -6.36 0.00	109.43 -6.61 0.00	106.94 -6.46 0.00	102.37 -6.65 0.00	101.93 -5.82 0.00	96.69 -6.06 0.00	111.06 -5.97 0.00	138.54 -6.83 0.00	118.12 -6.74 0.00	107.45 -5.66 0.00	96.32 -4.64 0.00	86.70 -4.47 0.00	83.69 -3.58 0.00	76.66 -2.86 0.00
QUENSBRY_115KV_TB8 356137	75.45 2.83 0.00	71.31 2.81 0.00	68.98 2.65 0.00	68.57 2.70 0.00	67.75 2.86 0.00	72.33 3.18 0.00	94.31 4.49 0.00	105.90 5.04 0.00	105.35 5.68 0.00	120.96 6.41 0.00	122.04 6.47 0.00	122.31 6.27 0.00	119.08 5.67 0.00	114.26 5.23 0.00	112.81 5.06 0.00	108.09 5.34 0.00	123.12 6.09 0.00	153.08 7.70 0.00	131.24 6.37 0.00	118.64 5.54 0.00	106.01 5.05 0.00	94.99 3.83 0.00	90.67 3.40 0.00	82.23 2.70 0.00
RAMAPO___LBMP 323565	73.64 1.02 0.00	69.46 0.96 0.00	67.25 0.93 0.00	66.79 0.92 0.00	65.68 0.78 0.00	70.32 1.18 0.00	91.44 1.62 0.00	102.37 1.51 0.00	101.96 2.29 0.00	117.18 2.63 0.00	118.46 2.89 0.00	119.29 3.25 0.00	116.13 2.72 0.00	111.64 2.62 0.00	110.12 2.37 0.00	105.42 2.67 0.00	119.72 2.69 0.00	148.43 3.05 0.00	127.74 2.87 0.00	115.59 2.49 0.00	102.78 1.82 0.00	92.90 1.73 0.00	88.23 0.96 0.00	80.24 0.72 0.00
RANKINE____ 23646	71.17 -1.45 0.00	67.33 -1.16 0.00	65.07 -1.26 0.00	64.75 -1.12 0.00	64.12 -0.78 0.00	66.38 -2.77 0.00	84.16 -5.66 0.00	95.71 -5.14 0.00	94.48 -5.18 0.00	107.33 -7.22 0.00	108.29 -7.28 0.00	108.27 -7.77 0.00	105.47 -7.94 0.00	100.85 -8.18 0.00	100.42 -7.33 0.00	95.04 -7.71 0.00	110.01 -7.02 0.00	137.23 -8.14 0.00	116.75 -8.12 0.00	106.43 -6.67 0.00	96.12 -4.85 0.00	86.51 -4.65 0.00	84.74 -2.53 0.00	78.25 -1.27 0.00
RAVENSWOOD_GT2_1 24244	74.44 1.82 0.00	70.28 1.78 0.00	67.98 1.66 0.00	67.52 1.65 0.00	66.32 1.43 0.00	70.94 1.80 0.00	92.25 2.43 0.00	103.18 2.32 0.00	102.95 3.29 0.00	118.56 4.01 0.00	119.85 4.28 0.00	120.80 4.76 0.00	117.60 4.20 0.00	113.06 4.03 0.00	111.52 3.77 0.00	106.76 4.01 0.00	121.24 4.21 0.00	150.32 4.94 0.00	129.36 4.50 0.00	116.95 3.85 0.00	103.89 2.93 0.00	93.81 2.64 0.00	89.01 1.75 0.00	81.11 1.59 0.00
RAVENSWOOD_GT2_2 24245	74.44 1.82 0.00	70.28 1.78 0.00	67.98 1.66 0.00	67.52 1.65 0.00	66.32 1.43 0.00	70.94 1.80 0.00	92.25 2.43 0.00	103.18 2.32 0.00	102.95 3.29 0.00	118.56 4.01 0.00	119.85 4.28 0.00	120.80 4.76 0.00	117.60 4.20 0.00	113.06 4.03 0.00	111.52 3.77 0.00	106.76 4.01 0.00	121.24 4.21 0.00	150.32 4.94 0.00	129.36 4.50 0.00	116.95 3.85 0.00	103.89 2.93 0.00	93.81 2.64 0.00	89.01 1.75 0.00	81.11 1.59 0.00



RAVENSWOOD_GT2_3 24246	74.44 1.82 0.00	70.28 1.78 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.32 1.43 0.00	70.94 1.80 0.00	92.25 2.43 0.00	103.18 2.32 0.00	102.95 3.29 0.00	118.56 4.01 0.00	119.85 4.28 0.00	120.80 4.76 0.00	117.60 4.20 0.00	113.06 4.03 0.00	111.52 3.77 0.00	106.76 4.01 0.00	121.24 4.21 0.00	150.32 4.94 0.00	129.36 4.50 0.00	117.06 3.96 0.00	103.89 2.93 0.00	93.81 2.64 0.00	89.10 1.83 0.00	81.11 1.59 0.00
RAVENSWOOD_GT2_4 24247	74.44 1.82 0.00	70.28 1.78 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.32 1.43 0.00	70.94 1.80 0.00	92.25 2.43 0.00	103.18 2.32 0.00	102.95 3.29 0.00	118.56 4.01 0.00	119.85 4.28 0.00	120.80 4.76 0.00	117.60 4.20 0.00	113.06 4.03 0.00	111.52 3.77 0.00	106.76 4.01 0.00	121.24 4.21 0.00	150.32 4.94 0.00	129.36 4.50 0.00	117.06 3.96 0.00	103.89 2.93 0.00	93.81 2.64 0.00	89.10 1.83 0.00	81.11 1.59 0.00
RAVENSWOOD_GT3_1 24248	74.44 1.82 0.00	70.28 1.78 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.32 1.43 0.00	70.94 1.80 0.00	92.25 2.43 0.00	103.18 2.32 0.00	102.95 3.29 0.00	118.56 4.01 0.00	119.85 4.28 0.00	120.80 4.76 0.00	117.60 4.20 0.00	113.06 4.03 0.00	111.52 3.77 0.00	106.76 4.01 0.00	121.24 4.21 0.00	150.32 4.94 0.00	129.36 4.50 0.00	116.95 3.85 0.00	103.89 2.93 0.00	93.81 2.64 0.00	89.10 1.83 0.00	81.11 1.59 0.00
RAVENSWOOD_GT3_2 24249	74.44 1.82 0.00	70.28 1.78 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.32 1.43 0.00	70.94 1.80 0.00	92.25 2.43 0.00	103.18 2.32 0.00	102.95 3.29 0.00	118.56 4.01 0.00	119.85 4.28 0.00	120.80 4.76 0.00	117.60 4.20 0.00	113.06 4.03 0.00	111.52 3.77 0.00	106.76 4.01 0.00	121.24 4.21 0.00	150.32 4.94 0.00	129.36 4.50 0.00	116.95 3.85 0.00	103.89 2.93 0.00	93.81 2.64 0.00	89.10 1.83 0.00	81.11 1.59 0.00
RAVENSWOOD_GT3_3 24250	74.58 1.96 0.00	70.35 1.85 0.00	68.12 1.79 0.00	67.65 1.78 0.00	66.45 1.56 0.00	71.01 1.87 0.00	92.34 2.52 0.00	103.28 2.42 0.00	103.15 3.49 0.00	118.67 4.12 0.00	120.08 4.51 0.00	121.03 4.99 0.00	117.83 4.42 0.00	113.27 4.25 0.00	111.73 3.99 0.00	106.96 4.21 0.00	121.48 4.45 0.00	150.61 5.23 0.00	129.61 4.74 0.00	117.17 4.07 0.00	103.99 3.03 0.00	93.99 2.83 0.00	89.19 1.92 0.00	81.19 1.67 0.00
RAVENSWOOD_GT3_4 24251	74.58 1.96 0.00	70.35 1.85 0.00	68.12 1.79 0.00	67.65 1.78 0.00	66.45 1.56 0.00	71.01 1.87 0.00	92.34 2.52 0.00	103.28 2.42 0.00	103.15 3.49 0.00	118.67 4.12 0.00	120.08 4.51 0.00	121.03 4.99 0.00	117.83 4.42 0.00	113.27 4.25 0.00	111.73 3.99 0.00	106.96 4.21 0.00	121.48 4.45 0.00	150.61 5.23 0.00	129.61 4.74 0.00	117.17 4.07 0.00	103.99 3.03 0.00	93.99 2.83 0.00	89.19 1.92 0.00	81.19 1.67 0.00
RAVENSWOOD_GT_1 23729	74.36 1.74 0.00	70.21 1.71 0.00	68.05 1.72 0.00	67.58 1.71 0.00	66.39 1.49 0.00	70.74 1.59 0.00	91.79 1.98 0.01	102.67 1.82 0.01	102.45 2.79 0.01	117.98 3.44 0.01	119.26 3.70 0.01	120.21 4.18 0.01	117.03 3.63 0.01	112.50 3.49 0.01	110.97 3.23 0.01	106.23 3.49 0.01	120.77 3.74 0.01	149.73 4.36 0.01	128.86 4.00 0.01	116.49 3.39 0.01	103.38 2.42 0.01	93.34 2.19 0.01	88.66 1.40 0.01	80.95 1.43 0.00
RAVENSWOOD_GT_10 24258	74.44 1.82 0.00	70.28 1.78 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.32 1.43 0.00	70.94 1.80 0.00	92.25 2.43 0.00	103.18 2.32 0.00	102.95 3.29 0.00	118.55 4.01 0.00	119.85 4.28 0.00	120.80 4.76 0.00	117.60 4.20 0.00	113.06 4.03 0.00	111.52 3.77 0.00	106.75 4.01 0.00	121.36 4.33 0.00	150.46 5.09 0.00	129.36 4.50 0.00	117.06 3.96 0.00	103.89 2.93 0.00	93.81 2.64 0.00	89.10 1.83 0.00	81.11 1.59 0.00
RAVENSWOOD_GT_11 24259	74.44 1.82 0.00	70.28 1.78 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.32 1.43 0.00	70.94 1.80 0.00	92.25 2.43 0.00	103.18 2.32 0.00	102.95 3.29 0.00	118.55 4.01 0.00	119.85 4.28 0.00	120.80 4.76 0.00	117.60 4.20 0.00	113.06 4.03 0.00	111.52 3.77 0.00	106.75 4.01 0.00	121.36 4.33 0.00	150.46 5.09 0.00	129.36 4.50 0.00	117.06 3.96 0.00	103.89 2.93 0.00	93.81 2.64 0.00	89.10 1.83 0.00	81.11 1.59 0.00
RAVENSWOOD_GT_4 24252	74.44 1.82 0.00	70.21 1.71 0.00	67.98 1.66 0.00	67.52 1.65 0.00	66.32 1.43 0.00	70.87 1.73 0.00	92.08 2.25 -0.01	102.98 2.12 -0.01	102.76 3.09 -0.01	118.33 3.78 -0.01	119.62 4.05 -0.01	120.57 4.53 -0.01	117.38 3.97 -0.01	112.85 3.82 -0.01	111.31 3.56 -0.01	106.56 3.80 -0.01	121.02 3.98 -0.01	150.03 4.65 -0.01	129.12 4.25 -0.01	116.84 3.73 -0.01	103.70 2.73 -0.01	93.63 2.46 -0.01	88.93 1.66 -0.01	81.03 1.51 0.00
RAVENSWOOD_GT_5 24254	74.44 1.82 0.00	70.21 1.71 0.00	67.98 1.66 0.00	67.52 1.65 0.00	66.32 1.43 0.00	70.87 1.73 0.00	92.08 2.25 -0.01	102.98 2.12 -0.01	102.76 3.09 -0.01	118.33 3.78 -0.01	119.62 4.05 -0.01	120.57 4.53 -0.01	117.38 3.97 -0.01	112.85 3.82 -0.01	111.31 3.56 -0.01	106.56 3.80 -0.01	121.02 3.98 -0.01	150.03 4.65 -0.01	129.12 4.25 -0.01	116.84 3.73 -0.01	103.70 2.73 -0.01	93.63 2.46 -0.01	88.93 1.66 -0.01	81.03 1.51 0.00
RAVENSWOOD_GT_6 24253	74.44 1.82 0.00	70.21 1.71 0.00	67.98 1.66 0.00	67.52 1.65 0.00	66.32 1.43 0.00	70.87 1.73 0.00	92.08 2.25 -0.01	102.98 2.12 -0.01	102.76 3.09 -0.01	118.33 3.78 -0.01	119.62 4.05 -0.01	120.57 4.53 -0.01	117.38 3.97 -0.01	112.85 3.82 -0.01	111.31 3.56 -0.01	106.56 3.80 -0.01	121.02 3.98 -0.01	150.03 4.65 -0.01	129.12 4.25 -0.01	116.84 3.73 -0.01	103.70 2.73 -0.01	93.63 2.46 -0.01	88.93 1.66 -0.01	81.03 1.51 0.00
RAVENSWOOD_GT_7 24255	74.44 1.82 0.00	70.21 1.71 0.00	67.98 1.66 0.00	67.52 1.65 0.00	66.32 1.43 0.00	70.87 1.73 0.00	92.08 2.25 -0.01	102.98 2.12 -0.01	102.76 3.09 -0.01	118.33 3.78 -0.01	119.62 4.05 -0.01	120.57 4.53 -0.01	117.38 3.97 -0.01	112.85 3.82 -0.01	111.31 3.56 -0.01	106.56 3.80 -0.01	121.02 3.98 -0.01	150.03 4.65 -0.01	129.12 4.25 -0.01	116.84 3.73 -0.01	103.70 2.73 -0.01	93.63 2.46 -0.01	88.93 1.66 -0.01	81.03 1.51 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	74.44 1.82 0.00	70.28 1.78 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.32 1.43 0.00	70.94 1.80 0.00	92.25 2.43 0.00	103.18 2.32 0.00	102.95 3.29 0.00	118.55 4.01 0.00	119.85 4.28 0.00	120.80 4.76 0.00	117.60 4.20 0.00	113.06 4.03 0.00	111.52 3.77 0.00	106.75 4.01 0.00	121.36 4.33 0.00	150.46 5.09 0.00	129.36 4.50 0.00	117.06 3.96 0.00	103.89 2.93 0.00	93.81 2.64 0.00	89.10 1.83 0.00	81.11 1.59 0.00
RAVENSWOOD_GT_9 24257	74.44 1.82 0.00	70.28 1.78 0.00	68.05 1.72 0.00	67.52 1.65 0.00	66.32 1.43 0.00	70.94 1.80 0.00	92.25 2.43 0.00	103.18 2.32 0.00	102.95 3.29 0.00	118.55 4.01 0.00	119.85 4.28 0.00	120.80 4.76 0.00	117.60 4.20 0.00	113.06 4.03 0.00	111.52 3.77 0.00	106.75 4.01 0.00	121.36 4.33 0.00	150.46 5.09 0.00	129.36 4.50 0.00	117.06 3.96 0.00	103.89 2.93 0.00	93.81 2.64 0.00	89.10 1.83 0.00	81.11 1.59 0.00



RAVENSWOOD___1 23533	74.29 1.67 0.00	70.21 1.71 0.00	68.12 1.79 0.00	67.65 1.78 0.00	66.39 1.49 0.00	70.46 1.31 0.00	91.79 1.97 0.01	102.36 1.52 0.01	102.64 2.99 0.01	117.97 3.43 0.01	119.26 3.70 0.01	120.33 4.30 0.01	117.03 3.63 0.01	112.40 3.38 0.01	110.97 3.23 0.01	106.33 3.59 0.01	120.53 3.51 0.01	149.88 4.51 0.01	128.60 3.74 0.01	116.37 3.28 0.01	103.17 2.22 0.01	93.34 2.18 0.01	88.65 1.39 0.01	80.87 1.35 0.00
RAVENSWOOD___2 23534	74.29 1.67 0.00	70.14 1.64 0.00	68.12 1.79 0.00	67.58 1.71 0.00	66.39 1.49 0.00	70.46 1.31 0.00	91.79 1.97 0.01	102.36 1.52 0.01	102.64 2.99 0.01	117.97 3.43 0.01	119.26 3.70 0.01	120.33 4.30 0.01	117.03 3.63 0.01	112.40 3.38 0.01	110.97 3.23 0.01	106.33 3.59 0.01	120.53 3.51 0.01	149.88 4.51 0.01	128.60 3.74 0.01	116.37 3.28 0.01	103.17 2.22 0.01	93.34 2.18 0.01	88.65 1.39 0.01	80.87 1.35 0.00
RAVENSWOOD___3 23535	74.36 1.74 0.00	70.28 1.78 0.00	68.12 1.79 0.00	67.58 1.71 0.00	66.45 1.55 0.00	70.74 1.59 0.00	92.25 2.43 0.00	102.87 2.02 0.00	103.15 3.49 0.00	118.55 4.01 0.00	119.85 4.28 0.00	120.91 4.87 0.00	117.60 4.20 0.00	113.06 4.04 0.00	111.62 3.87 0.00	106.86 4.11 0.00	121.12 4.09 0.00	150.60 5.23 0.00	129.24 4.37 0.00	116.95 3.85 0.00	103.69 2.73 0.00	93.81 2.65 0.00	89.11 1.84 0.00	81.11 1.59 0.00
RAVENSWOOD___4 23820	74.22 1.60 0.00	70.14 1.64 0.00	68.12 1.79 0.00	67.58 1.71 0.00	66.39 1.49 0.00	70.46 1.31 0.00	91.79 1.97 0.01	102.36 1.52 0.01	102.64 2.99 0.01	117.97 3.43 0.01	119.26 3.70 0.01	120.20 4.17 0.01	117.02 3.63 0.01	112.40 3.38 0.01	110.97 3.23 0.01	106.33 3.59 0.01	120.53 3.51 0.01	149.88 4.51 0.01	128.60 3.74 0.01	116.37 3.28 0.01	103.08 2.12 0.01	93.34 2.18 0.01	88.65 1.39 0.01	80.87 1.35 0.00
RCPL_TRUST___DRP 24196	74.51 1.89 0.00	70.28 1.78 0.00	68.05 1.72 0.00	67.58 1.71 0.00	66.39 1.49 0.00	71.01 1.87 0.00	92.34 2.52 0.00	103.28 2.42 0.00	103.15 3.49 0.00	118.78 4.24 0.00	120.08 4.51 0.00	121.03 4.99 0.00	117.83 4.42 0.00	113.27 4.25 0.00	111.73 3.99 0.00	106.96 4.21 0.00	121.48 4.45 0.00	150.61 5.23 0.00	129.61 4.74 0.00	117.17 4.07 0.00	103.99 3.03 0.00	93.99 2.83 0.00	89.19 1.92 0.00	81.19 1.67 0.00
RED___ROCHESTER 323720	71.97 -0.65 0.00	67.81 -0.68 0.00	65.40 -0.93 0.00	65.15 -0.72 0.00	64.38 -0.52 0.00	67.97 -1.18 0.00	86.59 -3.23 0.00	99.75 -1.11 0.00	97.57 -2.10 0.00	111.69 -2.86 0.00	112.22 -3.36 0.00	112.44 -3.60 0.00	109.89 -3.52 0.00	104.99 -4.03 0.00	104.62 -3.13 0.00	99.36 -3.39 0.00	114.45 -2.58 0.00	142.17 -3.20 0.00	122.00 -2.87 0.00	110.95 -2.15 0.00	99.65 -1.32 0.00	89.16 -2.01 0.00	86.13 -1.14 0.00	79.05 -0.47 0.00
REGAN___SOLAR 323812	75.38 2.76 0.00	71.17 2.67 0.00	68.78 2.46 0.00	68.43 2.57 0.00	67.62 2.73 0.00	72.33 3.18 0.00	94.76 4.94 0.00	106.10 5.24 0.00	104.74 5.08 0.00	119.13 4.59 0.00	119.73 4.15 0.00	119.86 3.82 0.00	116.93 3.52 0.00	112.61 3.59 0.00	111.62 3.87 0.00	108.19 5.44 0.00	123.23 6.20 0.00	153.95 8.57 0.00	131.86 6.99 0.00	119.43 6.33 0.00	106.21 5.25 0.00	95.08 3.92 0.00	90.85 3.58 0.00	82.23 2.71 0.00
RENSSELAER___COGEN 23796	73.64 1.02 0.00	69.46 0.96 0.00	67.32 1.00 0.00	66.86 0.99 0.00	65.87 0.97 0.00	70.18 1.04 0.00	90.90 1.08 0.00	101.57 0.71 0.00	100.76 1.10 0.00	115.93 1.38 0.00	116.85 1.27 0.00	117.44 1.40 0.00	113.98 0.57 0.00	109.68 0.66 0.00	108.40 0.65 0.00	103.67 0.92 0.00	117.62 0.59 0.00	145.96 0.58 0.00	125.49 0.63 0.00	113.55 0.45 0.00	101.68 0.71 0.00	91.89 0.73 0.00	87.88 0.62 0.00	79.92 0.40 0.00
REPUBLIC_115KV_BARTNBRK 55605	78.43 5.81 0.00	74.05 5.55 0.00	71.57 5.24 0.00	71.27 5.40 0.00	70.48 5.58 0.00	75.30 6.15 0.00	98.54 8.71 0.00	110.94 10.09 0.00	110.53 10.86 0.00	126.57 12.03 0.00	127.71 12.14 0.00	127.76 11.72 0.00	124.07 10.66 0.00	119.16 10.14 0.00	117.66 9.91 0.00	113.02 10.27 0.00	129.43 12.41 0.00	161.36 15.99 0.00	137.85 12.99 0.00	124.52 11.42 0.00	111.06 10.10 0.00	99.00 7.84 0.00	94.34 7.07 0.00	85.41 5.88 0.00
REVERE_CPPR_DRP 24186	77.56 4.94 0.00	72.95 4.45 0.00	70.50 4.18 0.00	69.69 3.82 0.00	69.05 4.15 0.00	73.78 4.63 0.00	96.29 6.47 0.00	108.72 7.87 0.00	108.24 8.57 0.00	124.86 10.31 0.00	127.13 11.56 0.00	127.30 11.26 0.00	124.63 11.23 0.00	119.60 10.58 0.00	117.34 9.59 0.00	111.69 8.94 0.00	127.68 10.65 0.00	159.33 13.96 0.00	136.35 11.49 0.00	123.96 10.86 0.00	110.25 9.29 0.00	99.00 7.84 0.00	94.25 6.98 0.00	85.33 5.81 0.00
REYNLDPA_13_KV_LD 356490	74.00 1.38 0.00	69.80 1.30 0.00	67.65 1.33 0.00	67.19 1.32 0.00	66.13 1.23 0.00	70.53 1.38 0.00	91.62 1.80 0.00	101.57 0.71 0.00	100.46 0.79 0.00	116.72 2.17 0.00	117.65 2.08 0.00	118.01 1.97 0.00	115.45 2.04 0.00	110.99 1.96 0.00	109.90 2.15 0.00	103.37 0.62 0.00	117.96 0.93 0.00	146.53 1.16 0.00	125.86 0.99 0.00	114.00 0.90 0.00	101.68 0.71 0.00	91.89 0.73 0.00	88.14 0.87 0.00	81.35 1.83 0.00
REYNOLDS_115KV_TB3 80639	74.15 1.53 0.00	69.94 1.44 0.00	67.78 1.46 0.00	67.32 1.45 0.00	66.26 1.36 0.00	70.74 1.59 0.00	91.71 1.89 0.00	102.47 1.61 0.00	102.36 2.69 0.00	117.64 3.09 0.00	118.69 3.12 0.00	119.17 3.13 0.00	115.45 2.04 0.00	111.09 2.07 0.00	109.79 2.05 0.00	105.01 2.26 0.00	119.25 2.22 0.00	147.55 2.18 0.00	127.11 2.25 0.00	115.14 2.04 0.00	102.58 1.62 0.00	92.62 1.46 0.00	88.58 1.31 0.00	80.56 1.03 0.00
RIVERBAY____ 323610	74.87 2.25 0.00	70.62 2.12 0.00	68.45 2.12 0.00	67.91 2.04 0.00	66.65 1.75 0.00	70.81 1.66 0.00	92.15 2.34 0.01	103.07 2.22 0.01	102.65 2.99 0.01	118.09 3.55 0.01	119.38 3.81 0.01	120.33 4.29 0.01	116.91 3.52 0.01	112.50 3.49 0.01	110.86 3.12 0.01	106.13 3.39 0.01	120.77 3.74 0.01	149.73 4.36 0.01	128.98 4.12 0.01	116.71 3.62 0.01	103.58 2.63 0.01	93.34 2.19 0.01	88.66 1.40 0.01	81.19 1.67 0.00
RIVERSDE_115KV_TB3 55908	74.00 1.38 0.00	69.80 1.30 0.00	67.59 1.26 0.00	67.19 1.32 0.00	66.19 1.30 0.00	70.60 1.45 0.00	91.53 1.71 0.00	102.27 1.41 0.00	101.96 2.29 0.00	117.30 2.75 0.00	118.35 2.77 0.00	118.83 2.78 0.00	115.33 1.93 0.00	110.98 1.96 0.00	109.58 1.83 0.00	104.91 2.16 0.00	119.14 2.11 0.00	147.55 2.18 0.00	126.99 2.12 0.00	114.91 1.81 0.00	102.48 1.51 0.00	92.44 1.28 0.00	88.40 1.13 0.00	80.32 0.80 0.00
ROARING___BROOK_WT_PWR 323790	72.55 -0.07 0.00	68.36 -0.14 0.00	66.13 -0.20 0.00	65.48 -0.39 0.00	64.45 -0.45 0.00	68.67 -0.48 0.00	89.38 -0.45 0.00	100.25 -0.60 0.00	99.17 -0.50 0.00	114.32 -0.23 0.00	115.57 0.00 0.00	116.27 0.23 0.00	113.86 0.46 0.00	109.46 0.44 0.00	108.18 0.43 0.00	103.06 0.31 0.00	117.38 0.35 0.00	145.66 0.29 0.00	124.99 0.13 0.00	113.21 0.11 0.00	101.06 0.10 0.00	91.25 0.09 0.00	87.44 0.17 0.00	79.68 0.16 0.00



ROCHESRG_115KV_T4 355643	71.02 -1.60 0.00	67.13 -1.37 0.00	64.87 -1.46 0.00	64.62 -1.25 0.00	63.92 -0.97 0.00	66.79 -2.35 0.00	85.51 -4.31 0.00	96.92 -3.93 0.00	95.88 -3.79 0.00	109.51 -5.04 0.00	110.26 -5.32 0.00	110.35 -5.69 0.00	107.96 -5.44 0.00	103.14 -5.89 0.00	102.90 -4.85 0.00	97.51 -5.24 0.00	112.11 -4.92 0.00	139.99 -5.38 0.00	119.25 -5.62 0.00	108.46 -4.64 0.00	97.53 -3.43 0.00	87.88 -3.28 0.00	85.09 -2.18 0.00	78.09 -1.43 0.00
ROCHESTER_9_IC 23652	71.53 -1.09 0.00	67.61 -0.89 0.00	65.33 -0.99 0.00	65.01 -0.86 0.00	64.38 -0.52 0.00	67.28 -1.87 0.00	86.14 -3.68 0.00	97.73 -3.13 0.00	96.77 -2.89 0.00	110.54 -4.01 0.00	111.18 -4.39 0.00	111.40 -4.64 0.00	108.87 -4.54 0.00	104.12 -4.91 0.00	103.87 -3.88 0.00	98.43 -4.32 0.00	113.17 -3.86 0.00	141.45 -3.93 0.00	120.37 -4.50 0.00	109.59 -3.51 0.00	98.44 -2.52 0.00	88.61 -2.55 0.00	85.79 -1.48 0.00	78.65 -0.87 0.00
ROCKVIEW_13_KV_LD 356306	74.80 2.18 0.00	70.55 2.05 0.00	68.25 1.92 0.00	67.78 1.91 0.00	66.58 1.69 0.00	71.29 2.14 0.00	92.70 2.87 0.00	103.68 2.82 0.00	103.45 3.79 0.00	119.01 4.47 0.00	120.54 4.97 0.00	121.38 5.34 0.00	118.06 4.65 0.00	113.60 4.58 0.00	111.95 4.20 0.00	107.17 4.42 0.00	121.83 4.80 0.00	150.90 5.52 0.00	129.86 4.99 0.00	117.62 4.52 0.00	104.50 3.53 0.00	94.35 3.19 0.00	89.54 2.27 0.00	81.51 1.99 0.00
ROME____115KV_TB2 80656	77.56 4.94 0.00	72.95 4.45 0.00	70.50 4.18 0.00	69.69 3.82 0.00	69.05 4.15 0.00	73.78 4.63 0.00	96.29 6.47 0.00	108.72 7.87 0.00	108.24 8.57 0.00	124.86 10.31 0.00	127.13 11.56 0.00	127.30 11.26 0.00	124.63 11.23 0.00	119.60 10.58 0.00	117.34 9.59 0.00	111.69 8.94 0.00	127.68 10.65 0.00	159.33 13.96 0.00	136.35 11.49 0.00	123.96 10.86 0.00	110.25 9.29 0.00	99.00 7.84 0.00	94.25 6.98 0.00	85.33 5.81 0.00
ROSETON___1 23587	74.07 1.45 0.00	69.94 1.44 0.00	67.72 1.40 0.00	67.25 1.39 0.00	66.13 1.23 0.00	70.53 1.38 0.00	91.89 2.07 0.00	102.57 1.71 0.00	102.45 2.79 0.00	117.64 3.09 0.00	118.80 3.23 0.00	119.64 3.60 0.00	116.35 2.94 0.00	111.85 2.83 0.00	110.54 2.80 0.00	105.73 2.98 0.00	119.83 2.80 0.00	148.86 3.48 0.00	127.86 2.99 0.00	115.70 2.60 0.00	102.98 2.02 0.00	93.26 2.10 0.00	88.75 1.48 0.00	80.72 1.19 0.00
ROSETON___2 23588	74.07 1.45 0.00	69.94 1.44 0.00	67.72 1.40 0.00	67.25 1.39 0.00	66.13 1.23 0.00	70.53 1.38 0.00	91.89 2.07 0.00	102.57 1.71 0.00	102.45 2.79 0.00	117.64 3.09 0.00	118.80 3.23 0.00	119.64 3.60 0.00	116.35 2.94 0.00	111.85 2.83 0.00	110.54 2.80 0.00	105.73 2.98 0.00	119.83 2.80 0.00	148.86 3.48 0.00	127.86 2.99 0.00	115.70 2.60 0.00	102.98 2.02 0.00	93.26 2.10 0.00	88.75 1.48 0.00	80.72 1.19 0.00
ROTRRDAM_115KV_TB3 80664	74.22 1.60 0.00	70.01 1.51 0.00	67.78 1.46 0.00	67.32 1.45 0.00	66.32 1.43 0.00	70.81 1.66 0.00	92.07 2.25 0.00	103.08 2.22 0.00	102.06 2.39 0.00	117.30 2.75 0.00	118.23 2.66 0.00	118.59 2.55 0.00	115.90 2.49 0.00	111.42 2.40 0.00	110.12 2.37 0.00	105.42 2.67 0.00	119.84 2.81 0.00	148.72 3.34 0.00	127.86 3.00 0.00	115.81 2.71 0.00	103.29 2.32 0.00	93.17 2.01 0.00	89.01 1.75 0.00	80.95 1.43 0.00
RUSSELL___1 23602	71.82 -0.80 0.00	67.88 -0.62 0.00	65.60 -0.73 0.00	65.28 -0.59 0.00	64.64 -0.26 0.00	67.56 -1.59 0.00	86.59 -3.23 0.00	98.34 -2.52 0.00	97.37 -2.29 0.00	111.11 -3.44 0.00	111.76 -3.81 0.00	111.86 -4.18 0.00	109.55 -3.86 0.00	104.66 -4.36 0.00	104.51 -3.23 0.00	98.95 -3.80 0.00	113.87 -3.16 0.00	142.18 -3.20 0.00	121.00 -3.87 0.00	110.27 -2.83 0.00	99.15 -1.82 0.00	89.16 -2.01 0.00	86.22 -1.05 0.00	79.04 -0.48 0.00
RUSSELL___2 23532	71.82 -0.80 0.00	67.88 -0.62 0.00	65.60 -0.73 0.00	65.28 -0.59 0.00	64.64 -0.26 0.00	67.56 -1.59 0.00	86.59 -3.23 0.00	98.34 -2.52 0.00	97.37 -2.29 0.00	111.11 -3.44 0.00	111.76 -3.81 0.00	111.86 -4.18 0.00	109.55 -3.86 0.00	104.66 -4.36 0.00	104.51 -3.23 0.00	98.95 -3.80 0.00	113.87 -3.16 0.00	142.18 -3.20 0.00	121.00 -3.87 0.00	110.27 -2.83 0.00	99.15 -1.82 0.00	89.16 -2.01 0.00	86.22 -1.05 0.00	79.04 -0.48 0.00
RUSSELL___3 23549	71.82 -0.80 0.00	67.88 -0.62 0.00	65.60 -0.73 0.00	65.28 -0.59 0.00	64.64 -0.26 0.00	67.56 -1.59 0.00	86.59 -3.23 0.00	98.34 -2.52 0.00	97.37 -2.29 0.00	111.11 -3.44 0.00	111.76 -3.81 0.00	111.86 -4.18 0.00	109.55 -3.86 0.00	104.66 -4.36 0.00	104.51 -3.23 0.00	98.95 -3.80 0.00	113.87 -3.16 0.00	142.18 -3.20 0.00	121.00 -3.87 0.00	110.27 -2.83 0.00	99.15 -1.82 0.00	89.16 -2.01 0.00	86.22 -1.05 0.00	79.04 -0.48 0.00
RUSSELL___4 23556	71.82 -0.80 0.00	67.88 -0.62 0.00	65.60 -0.73 0.00	65.28 -0.59 0.00	64.64 -0.26 0.00	67.56 -1.59 0.00	86.59 -3.23 0.00	98.34 -2.52 0.00	97.37 -2.29 0.00	111.11 -3.44 0.00	111.76 -3.81 0.00	111.86 -4.18 0.00	109.55 -3.86 0.00	104.66 -4.36 0.00	104.51 -3.23 0.00	98.95 -3.80 0.00	113.87 -3.16 0.00	142.18 -3.20 0.00	121.00 -3.87 0.00	110.27 -2.83 0.00	99.15 -1.82 0.00	89.16 -2.01 0.00	86.22 -1.05 0.00	79.04 -0.48 0.00
RUSSELL___STATION 23914	71.82 -0.80 0.00	67.88 -0.62 0.00	65.60 -0.73 0.00	65.28 -0.59 0.00	64.64 -0.26 0.00	67.56 -1.59 0.00	86.59 -3.23 0.00	98.34 -2.52 0.00	97.37 -2.29 0.00	111.11 -3.44 0.00	111.76 -3.81 0.00	111.86 -4.18 0.00	109.55 -3.86 0.00	104.66 -4.36 0.00	104.51 -3.23 0.00	98.95 -3.80 0.00	113.87 -3.16 0.00	142.18 -3.20 0.00	121.00 -3.87 0.00	110.27 -2.83 0.00	99.15 -1.82 0.00	89.16 -2.01 0.00	86.22 -1.05 0.00	79.04 -0.48 0.00
S SALMON___HYD 24043	71.39 -1.23 0.00	67.27 -1.23 0.00	65.06 -1.26 0.00	64.62 -1.25 0.00	63.79 -1.10 0.00	67.90 -1.24 0.00	87.76 -2.06 0.00	100.76 -0.10 0.00	99.37 -0.30 0.00	114.55 0.00 0.00	116.15 0.58 0.00	116.16 0.12 0.00	113.41 0.00 0.00	109.13 0.11 0.00	107.75 0.00 0.00	101.21 -1.54 0.00	115.63 -1.40 0.00	143.92 -1.45 0.00	123.50 -1.37 0.00	111.97 -1.13 0.00	99.86 -1.11 0.00	89.70 -1.46 0.00	86.05 -1.22 0.00	78.49 -1.04 0.00
S.PERRY___115KV_TB1 80734	75.89 3.27 0.00	71.44 2.95 0.00	68.98 2.65 0.00	68.70 2.83 0.00	68.08 3.18 0.00	68.87 -0.28 0.00	89.55 -0.27 0.00	99.14 -1.71 0.00	98.17 -1.49 0.00	112.26 -2.29 0.00	112.68 -2.89 0.00	112.44 -3.60 0.00	109.78 -3.63 0.00	104.99 -4.03 0.00	104.62 -3.12 0.00	99.15 -3.60 0.00	114.57 -2.46 0.00	144.65 -0.73 0.00	122.12 -2.75 0.00	110.73 -2.38 0.00	99.15 -1.82 0.00	91.80 0.64 0.00	88.23 0.96 0.00	80.48 0.95 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	70.51 -2.11 0.00	66.79 -1.71 0.00	64.53 -1.79 0.00	64.22 -1.65 0.00	63.60 -1.30 0.00	65.62 -3.53 0.00	83.18 -6.65 0.00	94.40 -6.45 0.00	93.19 -6.48 0.00	105.96 -8.59 0.00	106.79 -8.78 0.00	106.76 -9.28 0.00	104.11 -9.30 0.00	99.54 -9.48 0.00	99.23 -8.51 0.00	93.91 -8.84 0.00	108.60 -8.43 0.00	135.34 -10.03 0.00	115.13 -9.74 0.00	104.96 -8.14 0.00	95.01 -5.96 0.00	85.51 -5.65 0.00	83.78 -3.49 0.00	77.45 -2.07 0.00



SAWYER___23_KV_LOAD 55526	70.51 -2.11 0.00	66.79 -1.71 0.00	64.53 -1.79 0.00	64.22 -1.65 0.00	63.60 -1.30 0.00	65.62 -3.53 0.00	83.18 -6.65 0.00	94.40 -6.45 0.00	93.19 -6.48 0.00	105.96 -8.59 0.00	106.79 -8.78 0.00	106.76 -9.28 0.00	104.11 -9.30 0.00	99.54 -9.48 0.00	99.23 -8.51 0.00	93.91 -8.84 0.00	108.60 -8.43 0.00	135.34 -10.03 0.00	115.13 -9.74 0.00	104.96 -8.14 0.00	95.01 -5.96 0.00	85.51 -5.65 0.00	83.78 -3.49 0.00	77.45 -2.07 0.00
SELKIRK___I 23801	74.36 1.74 0.00	70.21 1.71 0.00	67.98 1.66 0.00	67.58 1.71 0.00	66.58 1.68 0.00	70.88 1.73 0.00	91.97 2.15 0.00	102.77 1.91 0.00	100.87 1.20 0.00	115.93 1.38 0.00	116.85 1.27 0.00	117.32 1.28 0.00	114.99 1.59 0.00	110.55 1.53 0.00	109.25 1.51 0.00	104.49 1.75 0.00	118.67 1.64 0.00	147.41 2.03 0.00	126.61 1.75 0.00	114.57 1.47 0.00	102.78 1.82 0.00	92.89 1.73 0.00	88.84 1.57 0.00	80.87 1.35 0.00
SELKIRK___II 23799	73.71 1.09 0.00	69.53 1.03 0.00	67.38 1.06 0.00	66.92 1.05 0.00	65.93 1.04 0.00	70.25 1.10 0.00	91.08 1.26 0.00	101.76 0.91 0.00	99.96 0.30 0.00	114.89 0.34 0.00	115.92 0.35 0.00	116.39 0.35 0.00	113.41 0.00 0.00	109.13 0.11 0.00	107.75 0.00 0.00	103.06 0.31 0.00	116.91 -0.12 0.00	145.08 -0.29 0.00	124.74 -0.12 0.00	112.87 -0.23 0.00	101.87 0.91 0.00	92.08 0.91 0.00	88.05 0.78 0.00	80.08 0.56 0.00
SENECA OSWGO___HYD 24041	70.44 -2.18 0.00	66.38 -2.12 0.00	64.27 -2.06 0.00	63.89 -1.97 0.00	62.95 -1.95 0.00	67.00 -2.14 0.00	86.77 -3.05 0.00	100.45 -0.40 0.00	98.86 -0.80 0.00	113.86 -0.68 0.00	115.11 -0.46 0.00	115.11 -0.93 0.00	112.38 -1.02 0.00	108.15 -0.88 0.00	106.77 -0.97 0.00	99.56 -3.19 0.00	113.75 -3.28 0.00	141.74 -3.63 0.00	121.62 -3.25 0.00	110.16 -2.94 0.00	98.34 -2.63 0.00	88.43 -2.73 0.00	84.83 -2.44 0.00	77.38 -2.14 0.00
SENECA___115KV_TB3 355854	71.60 -1.02 0.00	67.54 -0.96 0.00	65.06 -1.26 0.00	64.75 -1.12 0.00	63.99 -0.91 0.00	67.00 -2.14 0.00	84.34 -5.48 0.00	97.73 -3.13 0.00	94.78 -4.88 0.00	108.36 -6.19 0.00	109.22 -6.36 0.00	109.08 -6.96 0.00	106.04 -7.37 0.00	101.61 -7.42 0.00	100.85 -6.90 0.00	95.87 -6.88 0.00	111.30 -5.73 0.00	137.52 -7.85 0.00	118.50 -6.36 0.00	107.67 -5.43 0.00	96.92 -4.04 0.00	86.70 -4.46 0.00	84.83 -2.44 0.00	78.41 -1.11 0.00
SENECA___ENERGY 23797	71.67 -0.95 0.00	67.54 -0.96 0.00	65.26 -1.06 0.00	64.95 -0.92 0.00	64.12 -0.78 0.00	68.32 -0.83 0.00	88.48 -1.34 0.00	100.96 0.10 0.00	99.17 -0.50 0.00	113.63 -0.92 0.00	114.64 -0.93 0.00	114.65 -1.39 0.00	111.82 -1.59 0.00	107.39 -1.63 0.00	106.24 -1.51 0.00	101.21 -1.54 0.00	116.22 -0.81 0.00	145.08 -0.29 0.00	124.49 -0.37 0.00	112.65 -0.45 0.00	100.76 -0.20 0.00	90.16 -1.00 0.00	86.40 -0.87 0.00	78.97 -0.55 0.00
SHOEMAKER___GT 23640	73.93 1.31 0.00	69.73 1.23 0.00	67.52 1.20 0.00	67.06 1.19 0.00	66.00 1.10 0.00	70.39 1.25 0.00	91.80 1.97 0.00	102.57 1.71 0.00	102.25 2.59 0.00	117.52 2.97 0.00	118.57 3.00 0.00	119.41 3.37 0.00	116.24 2.84 0.00	111.75 2.73 0.00	110.44 2.69 0.00	105.62 2.87 0.00	119.83 2.80 0.00	149.01 3.64 0.00	127.86 2.99 0.00	115.70 2.60 0.00	102.88 1.91 0.00	93.17 2.00 0.00	88.66 1.39 0.00	80.55 1.03 0.00
SHOEMAKR_138KV_BK 111 55601	73.85 1.23 0.00	69.66 1.16 0.00	67.39 1.06 0.00	66.92 1.05 0.00	65.87 0.97 0.00	70.46 1.31 0.00	91.62 1.80 0.00	102.57 1.71 0.00	101.96 2.29 0.00	117.30 2.75 0.00	118.46 2.89 0.00	119.17 3.13 0.00	116.13 2.72 0.00	111.64 2.62 0.00	110.22 2.48 0.00	105.42 2.67 0.00	119.84 2.81 0.00	148.57 3.20 0.00	127.86 3.00 0.00	115.70 2.60 0.00	102.88 1.92 0.00	93.08 1.91 0.00	88.49 1.22 0.00	80.48 0.95 0.00
SHOREHAM_IC_1 23715	77.78 5.16 0.00	73.02 4.52 0.00	70.30 3.98 0.00	69.69 3.82 0.00	68.40 3.50 0.00	73.02 3.87 0.00	93.42 3.60 0.00	99.14 -1.72 0.00	103.95 4.28 0.00	118.44 3.90 0.00	121.01 5.43 0.00	122.88 6.84 0.00	120.32 6.92 0.00	115.89 6.87 0.00	114.97 7.22 0.00	110.36 7.60 -0.01	124.86 7.72 -0.11	147.99 2.62 0.00	131.11 6.24 0.00	121.80 7.35 -1.35	104.71 3.74 -0.01	93.63 2.46 -0.01	88.66 1.39 0.00	81.11 1.59 0.00
SHOREHAM_IC_2 23716	77.85 5.23 0.00	73.02 4.52 0.00	70.24 3.91 0.00	69.62 3.75 0.00	68.34 3.44 0.00	73.57 4.43 0.00	93.68 3.86 0.00	100.45 -0.40 0.00	100.96 1.30 0.00	117.75 3.21 0.00	120.89 5.32 0.00	122.65 6.61 0.00	119.53 6.12 0.00	115.67 6.65 0.00	114.10 6.36 0.00	109.74 6.99 0.00	124.98 7.84 -0.11	147.55 2.18 0.00	131.11 6.24 0.00	121.69 7.24 -1.35	107.22 6.26 0.00	93.63 2.46 0.00	89.71 2.44 0.00	81.11 1.59 0.00
SISSONVILLE____ 23735	74.15 1.53 0.00	70.14 1.64 0.00	67.98 1.66 0.00	67.45 1.58 0.00	66.45 1.56 0.00	70.53 1.38 0.00	91.80 1.98 0.00	102.77 1.92 0.00	101.36 1.69 0.00	117.07 2.52 0.00	118.46 2.89 0.00	119.06 3.02 0.00	116.35 2.95 0.00	111.86 2.83 0.00	109.79 2.05 0.00	103.98 1.23 0.00	118.08 1.05 0.00	147.26 1.89 0.00	126.37 1.50 0.00	114.46 1.36 0.00	101.97 1.01 0.00	92.26 1.09 0.00	88.67 1.40 0.00	81.27 1.75 0.00
SITHE_IND_GS1 24169	69.64 -2.98 0.00	65.69 -2.81 0.00	63.54 -2.78 0.00	63.17 -2.70 0.00	62.23 -2.66 0.00	66.24 -2.90 0.00	85.78 -4.04 0.00	96.92 -3.94 0.00	95.57 -4.09 0.00	109.85 -4.70 0.00	110.83 -4.74 0.00	111.17 -4.87 0.00	108.53 -4.87 0.00	104.34 -4.68 0.00	103.22 -4.52 0.00	98.33 -4.42 0.00	112.23 -4.80 0.00	139.55 -5.82 0.00	119.87 -5.00 0.00	108.57 -4.53 0.00	97.02 -3.94 0.00	87.34 -3.83 0.00	83.69 -3.58 0.00	76.34 -3.18 0.00
SITHE_IND_GS2 24170	69.64 -2.98 0.00	65.69 -2.81 0.00	63.54 -2.78 0.00	63.17 -2.70 0.00	62.23 -2.66 0.00	66.24 -2.90 0.00	85.78 -4.04 0.00	96.92 -3.94 0.00	95.57 -4.09 0.00	109.85 -4.70 0.00	110.83 -4.74 0.00	111.17 -4.87 0.00	108.53 -4.87 0.00	104.34 -4.68 0.00	103.22 -4.52 0.00	98.33 -4.42 0.00	112.23 -4.80 0.00	139.55 -5.82 0.00	119.87 -5.00 0.00	108.57 -4.53 0.00	97.02 -3.94 0.00	87.34 -3.83 0.00	83.69 -3.58 0.00	76.34 -3.18 0.00
SITHE_IND_GS3 24171	69.64 -2.98 0.00	65.69 -2.81 0.00	63.54 -2.78 0.00	63.17 -2.70 0.00	62.23 -2.66 0.00	66.24 -2.90 0.00	85.78 -4.04 0.00	96.92 -3.94 0.00	95.57 -4.09 0.00	109.85 -4.70 0.00	110.83 -4.74 0.00	111.17 -4.87 0.00	108.53 -4.87 0.00	104.34 -4.68 0.00	103.22 -4.52 0.00	98.33 -4.42 0.00	112.23 -4.80 0.00	139.55 -5.82 0.00	119.87 -5.00 0.00	108.57 -4.53 0.00	97.02 -3.94 0.00	87.34 -3.83 0.00	83.69 -3.58 0.00	76.34 -3.18 0.00
SITHE_IND_GS4 24172	69.64 -2.98 0.00	65.69 -2.81 0.00	63.54 -2.78 0.00	63.17 -2.70 0.00	62.23 -2.66 0.00	66.24 -2.90 0.00	85.78 -4.04 0.00	96.92 -3.94 0.00	95.57 -4.09 0.00	109.85 -4.70 0.00	110.83 -4.74 0.00	111.17 -4.87 0.00	108.53 -4.87 0.00	104.34 -4.68 0.00	103.22 -4.52 0.00	98.33 -4.42 0.00	112.23 -4.80 0.00	139.55 -5.82 0.00	119.87 -5.00 0.00	108.57 -4.53 0.00	97.02 -3.94 0.00	87.34 -3.83 0.00	83.69 -3.58 0.00	76.34 -3.18 0.00



SITHE___BATAVIA 24024	72.04 -0.58 0.00	67.95 -0.55 0.00	65.46 -0.86 0.00	65.21 -0.66 0.00	64.51 -0.39 0.00	67.62 -1.52 0.00	85.15 -4.67 0.00	98.73 -2.12 0.00	96.08 -3.58 0.00	109.85 -4.70 0.00	110.37 -5.20 0.00	110.24 -5.80 0.00	107.50 -5.90 0.00	102.59 -6.43 0.00	102.47 -5.28 0.00	97.30 -5.45 0.00	112.93 -4.10 0.00	140.15 -5.23 0.00	120.38 -4.49 0.00	109.59 -3.51 0.00	98.34 -2.63 0.00	87.89 -3.28 0.00	85.52 -1.74 0.00	79.05 -0.47 0.00
SITHE___INDEPEND 23800	69.64 -2.98 0.00	65.69 -2.81 0.00	63.61 -2.72 0.00	63.17 -2.70 0.00	62.30 -2.60 0.00	66.17 -2.97 0.00	85.78 -4.04 0.00	96.72 -4.14 0.00	95.58 -4.09 0.00	109.74 -4.81 0.00	110.72 -4.85 0.00	111.05 -4.99 0.00	108.53 -4.88 0.00	104.23 -4.80 0.00	103.11 -4.63 0.00	98.23 -4.52 0.00	112.11 -4.92 0.00	139.56 -5.81 0.00	119.62 -5.24 0.00	108.35 -4.75 0.00	96.93 -4.04 0.00	87.33 -3.83 0.00	83.69 -3.58 0.00	76.34 -3.18 0.00
SITHE___MASSENA 23902	74.29 1.67 0.00	70.14 1.64 0.00	67.98 1.66 0.00	67.45 1.58 0.00	66.45 1.55 0.00	70.80 1.66 0.00	92.07 2.25 0.00	102.98 2.12 0.00	101.85 2.19 0.00	117.29 2.74 0.00	118.46 2.89 0.00	118.94 2.90 0.00	116.24 2.84 0.00	111.75 2.73 0.00	110.33 2.58 0.00	104.80 2.05 0.00	119.49 2.46 0.00	148.72 3.35 0.00	127.61 2.74 0.00	115.59 2.49 0.00	103.18 2.22 0.00	93.26 2.10 0.00	89.36 2.09 0.00	81.75 2.22 0.00
SITHE___OGDNSBRG 24021	75.45 2.83 0.00	71.31 2.81 0.00	69.11 2.79 0.00	68.57 2.70 0.00	67.56 2.66 0.00	71.98 2.83 0.00	93.77 3.95 0.00	105.19 4.34 0.00	103.55 3.89 0.00	119.13 4.58 0.00	120.31 4.74 0.00	120.91 4.87 0.00	117.94 4.54 0.00	113.38 4.36 0.00	111.73 3.99 0.00	106.24 3.49 0.00	121.24 4.21 0.00	151.19 5.81 0.00	129.61 4.74 0.00	117.51 4.41 0.00	104.70 3.74 0.00	94.63 3.46 0.00	90.67 3.40 0.00	82.94 3.42 0.00
SITHE___STERLING 23777	73.49 0.87 0.00	69.39 0.89 0.00	67.19 0.86 0.00	66.72 0.85 0.00	65.80 0.91 0.00	70.25 1.10 0.00	91.80 1.97 0.00	103.47 2.62 0.00	102.16 2.49 0.00	115.58 1.03 0.00	116.73 1.16 0.00	117.08 1.04 0.00	114.31 0.90 0.00	110.00 0.98 0.00	108.51 0.76 0.00	103.57 0.82 0.00	117.96 0.93 0.00	146.53 1.16 0.00	125.75 0.88 0.00	113.90 0.80 0.00	102.98 2.02 0.00	92.53 1.37 0.00	88.49 1.22 0.00	80.63 1.11 0.00
SLEIGHT__34_KV_TB1 80719	71.17 -1.45 0.00	67.20 -1.30 0.00	65.00 -1.33 0.00	64.68 -1.19 0.00	63.92 -0.97 0.00	67.28 -1.87 0.00	86.86 -2.96 0.00	98.44 -2.42 0.00	97.37 -2.29 0.00	111.57 -2.98 0.00	112.57 -3.00 0.00	112.68 -3.37 0.00	110.12 -3.29 0.00	105.42 -3.60 0.00	104.73 -3.02 0.00	99.46 -3.29 0.00	114.22 -2.81 0.00	142.76 -2.62 0.00	121.62 -3.25 0.00	110.50 -2.60 0.00	99.05 -1.92 0.00	88.88 -2.28 0.00	85.61 -1.66 0.00	78.33 -1.19 0.00
SMITHTWN_69_KV_BK 1 55830	77.34 4.72 0.00	72.61 4.11 0.00	69.84 3.52 0.00	69.29 3.43 0.00	68.08 3.18 0.00	73.23 4.08 0.00	94.58 4.76 0.00	102.77 1.92 0.00	102.46 2.79 0.00	117.18 2.63 0.00	120.20 4.62 0.00	121.84 5.80 0.00	118.74 5.33 0.00	114.91 5.89 0.00	113.35 5.60 0.00	109.22 6.47 0.00	124.29 7.14 -0.12	148.28 2.91 0.00	130.11 5.24 0.00	121.14 6.56 -1.48	106.72 5.75 0.00	96.00 4.83 0.00	91.37 4.10 0.00	82.94 3.42 0.00
SOUTH CAIRO___GT 23612	76.69 4.07 0.00	72.34 3.84 0.00	70.04 3.71 0.00	69.56 3.69 0.00	68.66 3.76 0.00	73.23 4.08 0.00	95.03 5.21 0.00	106.50 5.65 0.00	107.04 7.38 0.00	123.14 8.59 0.00	123.43 7.86 0.00	123.47 7.43 0.00	118.74 5.33 0.00	114.36 5.34 0.00	113.24 5.50 0.00	108.50 5.75 0.00	124.17 7.14 0.00	154.82 9.45 0.00	132.98 8.12 0.00	120.11 7.01 0.00	106.52 5.55 0.00	96.18 5.01 0.00	91.63 4.36 0.00	83.18 3.66 0.00
SOUTH HAMPTN___IC 23720	78.58 5.96 0.00	73.70 5.20 0.00	70.84 4.51 0.00	70.21 4.35 0.00	68.86 3.96 0.00	73.43 4.29 0.00	94.13 4.31 0.00	100.16 -0.70 0.00	104.74 5.08 0.00	119.24 4.70 0.00	122.04 6.47 0.00	124.04 8.00 0.00	121.34 7.94 0.00	116.88 7.85 0.00	115.72 7.97 0.00	110.87 8.12 -0.01	125.33 8.19 -0.11	148.86 3.48 0.00	131.48 6.61 0.00	122.11 7.69 -1.32	105.11 4.14 -0.01	94.18 3.00 -0.01	89.11 1.84 0.00	81.75 2.22 0.00
SOUTHDOW_115KV_TB1 355954	73.56 0.94 0.00	69.53 1.03 0.00	67.05 0.73 0.00	66.86 0.99 0.00	66.19 1.30 0.00	69.49 0.35 0.00	89.28 -0.54 0.00	101.76 0.91 0.00	100.26 0.60 0.00	113.86 -0.69 0.00	114.99 -0.58 0.00	115.00 -1.04 0.00	112.04 -1.36 0.00	106.95 -2.07 0.00	106.02 -1.72 0.00	100.49 -2.26 0.00	116.56 -0.47 0.00	145.95 0.58 0.00	124.24 -0.62 0.00	112.99 -0.11 0.00	101.67 0.71 0.00	91.07 -0.09 0.00	88.67 1.40 0.00	81.51 1.99 0.00
SOUTHOLD_69_KV_BK 2 55809	79.81 7.19 0.00	74.73 6.23 0.00	71.57 5.24 0.00	70.81 4.94 0.00	69.31 4.41 0.00	74.61 5.46 0.00	95.12 5.30 0.00	102.17 1.31 0.00	102.46 2.79 0.00	119.24 4.70 0.00	122.85 7.28 0.00	124.86 8.82 0.00	121.68 8.28 0.00	117.64 8.61 0.00	115.61 7.87 0.00	110.66 7.91 0.00	125.80 8.66 -0.11	148.86 3.49 0.00	131.61 6.74 0.00	122.11 7.69 -1.32	107.53 6.56 0.00	94.08 2.92 0.00	89.71 2.44 0.00	81.83 2.31 0.00
SOUTHOLD___IC 23719	79.74 7.12 0.00	74.73 6.23 0.00	71.63 5.31 0.00	70.87 5.00 0.00	69.37 4.47 0.00	73.98 4.84 0.00	94.85 5.03 0.00	100.86 0.00 0.00	105.24 5.58 0.00	119.93 5.38 0.00	122.98 7.40 0.00	125.21 9.17 0.00	122.48 9.08 0.00	117.96 8.94 0.00	116.47 8.72 0.00	111.18 8.43 -0.01	125.57 8.43 -0.11	149.44 4.06 0.00	131.61 6.74 0.00	122.11 7.69 -1.32	105.11 4.14 -0.01	94.09 2.92 -0.01	88.75 1.48 0.00	81.83 2.31 0.00
SOUTH_FORK_WT_PWR 323839	79.81 7.19 0.00	74.73 6.23 0.00	71.56 5.24 0.00	70.67 4.81 0.00	69.11 4.22 0.00	73.64 4.49 0.00	94.22 4.40 0.00	100.05 -0.81 0.00	104.45 4.78 0.00	119.13 4.59 0.00	122.27 6.70 0.00	124.51 8.47 0.00	121.92 8.51 0.00	117.30 8.28 0.00	115.61 7.86 0.00	110.16 7.40 -0.01	124.04 6.90 -0.11	147.41 2.03 0.00	129.87 5.00 0.00	120.64 6.22 -1.32	103.70 2.73 -0.01	92.81 1.64 -0.01	87.53 0.26 0.00	81.03 1.51 0.00
SPIERFLS_115KV_TB 1 80737	75.02 2.40 0.00	70.90 2.40 0.00	68.58 2.26 0.00	68.24 2.37 0.00	67.30 2.40 0.00	71.84 2.70 0.00	93.68 3.86 0.00	105.09 4.24 0.00	104.65 4.98 0.00	120.04 5.50 0.00	121.12 5.55 0.00	121.38 5.34 0.00	118.28 4.88 0.00	113.38 4.36 0.00	112.06 4.31 0.00	107.27 4.52 0.00	122.18 5.15 0.00	151.77 6.40 0.00	130.24 5.37 0.00	117.74 4.64 0.00	105.20 4.24 0.00	94.35 3.19 0.00	90.15 2.88 0.00	81.75 2.23 0.00
ST LAWRENCE____ 23600	73.35 0.73 0.00	69.18 0.68 0.00	67.06 0.73 0.00	66.53 0.66 0.00	65.55 0.65 0.00	69.84 0.69 0.00	90.90 1.08 0.00	101.66 0.80 0.00	100.56 0.89 0.00	115.81 1.26 0.00	116.85 1.27 0.00	117.32 1.28 0.00	114.66 1.25 0.00	110.22 1.20 0.00	108.93 1.19 0.00	103.57 0.82 0.00	118.08 1.05 0.00	146.83 1.45 0.00	125.99 1.12 0.00	114.23 1.13 0.00	101.87 0.91 0.00	92.08 0.91 0.00	88.23 0.96 0.00	80.55 1.03 0.00



STATE_CA_115KV_115_LB 55624	74.07 1.45 0.00	69.87 1.37 0.00	67.65 1.33 0.00	67.25 1.38 0.00	66.19 1.30 0.00	70.67 1.52 0.00	91.53 1.71 0.00	102.37 1.51 0.00	101.96 2.29 0.00	117.30 2.75 0.00	118.35 2.77 0.00	118.94 2.90 0.00	115.56 2.15 0.00	111.20 2.18 0.00	109.79 2.05 0.00	105.11 2.36 0.00	119.37 2.34 0.00	147.84 2.47 0.00	127.24 2.37 0.00	115.14 2.04 0.00	102.58 1.62 0.00	92.53 1.37 0.00	88.40 1.13 0.00	80.32 0.80 0.00
STATE_ST_34_KV_LOAD 55959	71.75 -0.87 0.00	67.68 -0.82 0.00	65.53 -0.80 0.00	65.14 -0.72 0.00	64.25 -0.65 0.00	68.25 -0.90 0.00	88.74 -1.08 0.00	100.45 -0.40 0.00	99.27 -0.40 0.00	113.97 -0.57 0.00	115.11 -0.46 0.00	115.11 -0.93 0.00	112.39 -1.02 0.00	107.93 -1.09 0.00	106.78 -0.97 0.00	101.52 -1.23 0.00	116.44 -0.59 0.00	145.52 0.15 0.00	124.37 -0.50 0.00	112.65 -0.45 0.00	100.76 -0.20 0.00	90.43 -0.73 0.00	86.57 -0.70 0.00	78.97 -0.56 0.00
STATION_5_MISC_HYD 23604	71.60 -1.02 0.00	67.54 -0.96 0.00	65.13 -1.19 0.00	64.88 -0.99 0.00	64.12 -0.78 0.00	67.62 -1.52 0.00	86.14 -3.69 0.00	99.14 -1.72 0.00	96.98 -2.69 0.00	111.11 -3.43 0.00	111.64 -3.93 0.00	111.87 -4.17 0.00	109.21 -4.19 0.00	104.45 -4.57 0.00	103.97 -3.77 0.00	98.84 -3.90 0.00	113.88 -3.15 0.00	141.30 -4.07 0.00	121.37 -3.50 0.00	110.28 -2.82 0.00	99.04 -1.92 0.00	88.71 -2.46 0.00	85.70 -1.57 0.00	78.73 -0.80 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	71.68 -0.94 0.00	67.68 -0.82 0.00	65.46 -0.86 0.00	65.14 -0.72 0.00	64.38 -0.52 0.00	67.76 -1.38 0.00	87.49 -2.34 0.00	99.14 -1.71 0.00	98.07 -1.59 0.00	112.26 -2.29 0.00	113.15 -2.43 0.00	113.26 -2.78 0.00	110.68 -2.72 0.00	105.97 -3.05 0.00	105.38 -2.37 0.00	100.08 -2.67 0.00	114.92 -2.11 0.00	143.77 -1.60 0.00	122.49 -2.37 0.00	111.18 -1.92 0.00	99.65 -1.31 0.00	89.52 -1.64 0.00	86.22 -1.05 0.00	78.81 -0.72 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	71.02 -1.60 0.00	67.13 -1.37 0.00	64.87 -1.46 0.00	64.55 -1.32 0.00	63.86 -1.04 0.00	66.86 -2.28 0.00	85.78 -4.04 0.00	96.92 -3.93 0.00	95.88 -3.79 0.00	109.62 -4.93 0.00	110.49 -5.09 0.00	110.59 -5.45 0.00	108.19 -5.22 0.00	103.46 -5.56 0.00	103.11 -4.63 0.00	97.71 -5.03 0.00	112.35 -4.68 0.00	140.29 -5.09 0.00	119.50 -5.37 0.00	108.69 -4.41 0.00	97.53 -3.43 0.00	87.70 -3.46 0.00	84.74 -2.53 0.00	77.61 -1.91 0.00
STA_56___34_KV_BUS2 355983	71.02 -1.60 0.00	67.13 -1.37 0.00	64.87 -1.46 0.00	64.55 -1.32 0.00	63.86 -1.04 0.00	66.86 -2.28 0.00	85.78 -4.04 0.00	96.92 -3.93 0.00	95.88 -3.79 0.00	109.62 -4.93 0.00	110.49 -5.09 0.00	110.59 -5.45 0.00	108.19 -5.22 0.00	103.46 -5.56 0.00	103.11 -4.63 0.00	97.71 -5.03 0.00	112.35 -4.68 0.00	140.29 -5.09 0.00	119.50 -5.37 0.00	108.69 -4.41 0.00	97.53 -3.43 0.00	87.70 -3.46 0.00	84.74 -2.53 0.00	77.61 -1.91 0.00
STA_67___115KV_BK2 355882	71.39 -1.23 0.00	67.47 -1.03 0.00	65.20 -1.13 0.00	64.95 -0.92 0.00	64.25 -0.65 0.00	67.14 -2.01 0.00	85.96 -3.86 0.00	97.53 -3.33 0.00	96.58 -3.09 0.00	110.19 -4.35 0.00	110.95 -4.62 0.00	111.05 -4.99 0.00	108.64 -4.76 0.00	103.79 -5.23 0.00	103.54 -4.20 0.00	98.12 -4.62 0.00	112.93 -4.10 0.00	141.01 -4.36 0.00	120.00 -4.87 0.00	109.25 -3.85 0.00	98.24 -2.73 0.00	88.43 -2.73 0.00	85.61 -1.66 0.00	78.49 -1.03 0.00
STA_7___115KV_9TRANS 80674	71.82 -0.80 0.00	67.88 -0.62 0.00	65.60 -0.73 0.00	65.28 -0.59 0.00	64.64 -0.26 0.00	67.56 -1.59 0.00	86.59 -3.23 0.00	98.34 -2.52 0.00	97.37 -2.29 0.00	111.11 -3.44 0.00	111.76 -3.81 0.00	111.86 -4.18 0.00	109.55 -3.86 0.00	104.66 -4.36 0.00	104.51 -3.23 0.00	98.95 -3.80 0.00	113.87 -3.16 0.00	142.18 -3.20 0.00	121.00 -3.87 0.00	110.27 -2.83 0.00	99.15 -1.82 0.00	89.16 -2.01 0.00	86.22 -1.05 0.00	79.04 -0.48 0.00
STA_82___115KV_TB1 80780	71.39 -1.23 0.00	67.40 -1.10 0.00	65.20 -1.13 0.00	64.88 -0.99 0.00	64.18 -0.71 0.00	67.07 -2.07 0.00	85.87 -3.95 0.00	97.43 -3.43 0.00	96.38 -3.29 0.00	110.08 -4.47 0.00	110.83 -4.74 0.00	110.93 -5.11 0.00	108.53 -4.88 0.00	103.68 -5.34 0.00	103.44 -4.31 0.00	98.02 -4.73 0.00	112.82 -4.21 0.00	140.87 -4.51 0.00	119.87 -4.99 0.00	109.14 -3.96 0.00	98.14 -2.83 0.00	88.34 -2.83 0.00	85.52 -1.75 0.00	78.49 -1.03 0.00
STEEL___WIND 323596	71.46 -1.16 0.00	67.47 -1.03 0.00	65.00 -1.33 0.00	64.68 -1.18 0.00	63.93 -0.97 0.00	66.93 -2.22 0.00	84.25 -5.57 0.00	97.63 -3.23 0.00	94.68 -4.98 0.00	108.25 -6.30 0.00	109.10 -6.47 0.00	108.96 -7.08 0.00	105.92 -7.49 0.00	101.39 -7.63 0.00	100.74 -7.00 0.00	95.76 -6.99 0.00	111.07 -5.96 0.00	137.38 -8.00 0.00	118.37 -6.50 0.00	107.56 -5.54 0.00	96.82 -4.14 0.00	86.61 -4.56 0.00	84.74 -2.53 0.00	78.33 -1.19 0.00
STEPHTWN_115KV_BK_2 55603	74.51 1.89 0.00	70.28 1.78 0.00	68.12 1.79 0.00	67.65 1.78 0.00	66.65 1.75 0.00	71.22 2.07 0.00	92.34 2.52 0.00	103.28 2.42 0.00	102.95 3.29 0.00	118.33 3.78 0.00	119.39 3.81 0.00	119.75 3.71 0.00	116.35 2.95 0.00	111.97 2.94 0.00	110.66 2.91 0.00	105.93 3.19 0.00	120.42 3.39 0.00	149.44 4.07 0.00	128.49 3.62 0.00	116.27 3.17 0.00	103.59 2.63 0.00	93.35 2.19 0.00	89.10 1.83 0.00	80.95 1.43 0.00
STEUBEN_REC_LFGE 323667	74.65 2.03 0.00	70.14 1.64 0.00	67.65 1.33 0.00	67.32 1.45 0.00	66.71 1.82 0.00	69.98 0.83 0.00	91.80 1.98 0.00	104.39 3.53 0.00	103.65 3.99 0.00	119.13 4.58 0.00	120.20 4.62 0.00	119.87 3.83 0.00	116.92 3.52 0.00	112.18 3.16 0.00	110.87 3.12 0.00	104.80 2.05 0.00	120.77 3.74 0.00	151.92 6.54 0.00	127.99 3.12 0.00	115.70 2.60 0.00	103.79 2.83 0.00	93.44 2.28 0.00	89.63 2.36 0.00	81.83 2.31 0.00
STILLWATER___SOLAR 323814	75.45 2.83 0.00	71.17 2.67 0.00	68.91 2.58 0.00	68.51 2.64 0.00	67.56 2.66 0.00	72.05 2.90 0.00	93.77 3.95 0.00	105.09 4.24 0.00	104.55 4.88 0.00	119.93 5.38 0.00	121.01 5.43 0.00	121.38 5.34 0.00	118.17 4.76 0.00	113.60 4.58 0.00	112.17 4.42 0.00	107.48 4.73 0.00	122.17 5.14 0.00	151.92 6.55 0.00	130.23 5.37 0.00	117.96 4.86 0.00	105.20 4.24 0.00	94.72 3.55 0.00	90.50 3.23 0.00	82.23 2.71 0.00
STONY___BROOK 24151	77.20 4.58 0.00	72.54 4.04 0.00	69.84 3.51 0.00	69.23 3.36 0.00	68.01 3.11 0.00	72.60 3.46 0.00	94.13 4.31 0.00	101.16 0.30 0.00	104.35 4.69 0.00	117.75 3.20 0.00	120.07 4.50 0.00	121.84 5.80 0.00	119.30 5.89 0.00	115.01 5.99 0.00	114.21 6.46 0.00	109.64 6.88 -0.01	123.81 6.67 -0.12	147.99 2.62 0.00	129.49 4.62 0.00	120.86 6.33 -1.43	104.91 3.93 -0.01	95.64 4.47 -0.01	90.50 3.23 0.00	82.71 3.18 0.00
STURGEON_POOL_HYD 23609	74.58 1.96 0.00	70.35 1.85 0.00	68.12 1.79 0.00	67.58 1.71 0.00	66.52 1.62 0.00	71.15 2.01 0.00	92.61 2.78 0.00	103.68 2.82 0.00	102.75 3.09 0.00	118.33 3.78 0.00	119.39 3.81 0.00	120.10 4.06 0.00	117.15 3.74 0.00	112.73 3.71 0.00	111.19 3.45 0.00	106.45 3.70 0.00	121.01 3.98 0.00	150.17 4.80 0.00	129.24 4.37 0.00	116.83 3.73 0.00	103.79 2.83 0.00	93.99 2.83 0.00	89.36 2.09 0.00	81.27 1.75 0.00



ST_LAW_115_BK7_LBMP 345037	73.42 0.80 0.00	69.25 0.75 0.00	67.12 0.80 0.00	66.59 0.73 0.00	65.61 0.72 0.00	69.91 0.76 0.00	90.99 1.16 0.00	101.66 0.80 0.00	100.56 0.89 0.00	115.81 1.26 0.00	116.85 1.27 0.00	117.32 1.28 0.00	114.77 1.37 0.00	110.34 1.31 0.00	109.04 1.30 0.00	103.57 0.82 0.00	118.20 1.17 0.00	146.83 1.45 0.00	126.12 1.25 0.00	114.23 1.13 0.00	101.87 0.91 0.00	92.08 0.91 0.00	88.23 0.96 0.00	80.63 1.11 0.00
ST_LAW_115_BK8_LBMP 345038	73.42 0.80 0.00	69.25 0.75 0.00	67.12 0.80 0.00	66.59 0.73 0.00	65.61 0.72 0.00	69.91 0.76 0.00	90.99 1.16 0.00	101.66 0.80 0.00	100.56 0.89 0.00	115.81 1.26 0.00	116.85 1.27 0.00	117.32 1.28 0.00	114.77 1.37 0.00	110.34 1.31 0.00	109.04 1.30 0.00	103.57 0.82 0.00	118.20 1.17 0.00	146.83 1.45 0.00	126.12 1.25 0.00	114.23 1.13 0.00	101.87 0.91 0.00	92.08 0.91 0.00	88.23 0.96 0.00	80.63 1.11 0.00
ST_LAW_230_BK5_LBMP 345035	73.35 0.73 0.00	69.18 0.68 0.00	67.06 0.73 0.00	66.53 0.66 0.00	65.55 0.65 0.00	69.84 0.69 0.00	90.90 1.08 0.00	101.66 0.80 0.00	100.56 0.89 0.00	115.81 1.26 0.00	116.85 1.27 0.00	117.32 1.28 0.00	114.66 1.25 0.00	110.22 1.20 0.00	108.93 1.19 0.00	103.57 0.82 0.00	118.08 1.05 0.00	146.83 1.45 0.00	125.99 1.12 0.00	114.23 1.13 0.00	101.87 0.91 0.00	92.08 0.91 0.00	88.23 0.96 0.00	80.55 1.03 0.00
ST_LAW_230_BK6_LBMP 345036	73.35 0.73 0.00	69.18 0.68 0.00	67.06 0.73 0.00	66.53 0.66 0.00	65.55 0.65 0.00	69.84 0.69 0.00	90.90 1.08 0.00	101.66 0.80 0.00	100.56 0.89 0.00	115.81 1.26 0.00	116.85 1.27 0.00	117.32 1.28 0.00	114.66 1.25 0.00	110.22 1.20 0.00	108.93 1.19 0.00	103.57 0.82 0.00	118.08 1.05 0.00	146.83 1.45 0.00	125.99 1.12 0.00	114.23 1.13 0.00	101.87 0.91 0.00	92.08 0.91 0.00	88.23 0.96 0.00	80.55 1.03 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	73.85 1.23 0.00	69.66 1.16 0.00	67.45 1.13 0.00	66.92 1.05 0.00	65.87 0.97 0.00	70.46 1.31 0.00	91.71 1.89 0.00	102.67 1.82 0.00	102.16 2.49 0.00	117.52 2.98 0.00	118.69 3.12 0.00	119.52 3.48 0.00	116.35 2.95 0.00	111.86 2.83 0.00	110.44 2.69 0.00	105.63 2.88 0.00	119.96 2.93 0.00	148.72 3.34 0.00	127.99 3.12 0.00	115.81 2.71 0.00	102.98 2.02 0.00	93.08 1.91 0.00	88.49 1.22 0.00	80.48 0.95 0.00
SWANROAD_115KV_TB1 355699	69.06 -3.56 0.00	65.42 -3.08 0.00	63.21 -3.12 0.00	62.97 -2.90 0.00	62.37 -2.53 0.00	64.17 -4.98 0.00	80.93 -8.89 0.00	91.78 -9.08 0.00	90.69 -8.97 0.00	103.09 -11.45 0.00	103.90 -11.67 0.00	103.86 -12.18 0.00	101.27 -12.13 0.00	96.70 -12.32 0.00	96.54 -11.21 0.00	91.34 -11.41 0.00	105.68 -11.35 0.00	131.56 -13.81 0.00	111.88 -12.99 0.00	102.13 -10.97 0.00	92.48 -8.48 0.00	83.32 -7.84 0.00	81.86 -5.41 0.00	75.78 -3.74 0.00
SYNERGY___BIOGAS 323694	71.75 -0.87 0.00	67.88 -0.62 0.00	65.60 -0.73 0.00	65.34 -0.53 0.00	64.77 -0.13 0.00	67.14 -2.01 0.00	85.15 -4.67 0.00	96.92 -3.93 0.00	95.88 -3.79 0.00	109.05 -5.50 0.00	109.68 -5.89 0.00	109.66 -6.38 0.00	107.17 -6.24 0.00	102.04 -6.98 0.00	102.25 -5.50 0.00	96.69 -6.06 0.00	111.88 -5.15 0.00	140.14 -5.23 0.00	119.00 -5.87 0.00	108.58 -4.52 0.00	97.83 -3.13 0.00	87.88 -3.28 0.00	85.70 -1.57 0.00	78.97 -0.56 0.00
SYRACUSE___ENERGY_ST1 323597	71.24 -1.38 0.00	67.20 -1.30 0.00	65.07 -1.26 0.00	64.68 -1.19 0.00	63.73 -1.17 0.00	67.76 -1.38 0.00	87.94 -1.89 0.00	99.65 -1.21 0.00	98.47 -1.20 0.00	113.06 -1.49 0.00	114.19 -1.39 0.00	114.42 -1.62 0.00	111.70 -1.70 0.00	107.50 -1.53 0.00	106.24 -1.51 0.00	100.80 -1.95 0.00	115.27 -1.76 0.00	143.77 -1.60 0.00	122.99 -1.87 0.00	111.40 -1.70 0.00	99.75 -1.21 0.00	89.61 -1.55 0.00	85.87 -1.40 0.00	78.33 -1.19 0.00
SYRACUSE___ENERGY_ST2 323598	71.24 -1.38 0.00	67.20 -1.30 0.00	65.07 -1.26 0.00	64.68 -1.19 0.00	63.73 -1.17 0.00	67.76 -1.38 0.00	87.94 -1.89 0.00	99.65 -1.21 0.00	98.47 -1.20 0.00	113.06 -1.49 0.00	114.19 -1.39 0.00	114.42 -1.62 0.00	111.70 -1.70 0.00	107.50 -1.53 0.00	106.24 -1.51 0.00	100.80 -1.95 0.00	115.27 -1.76 0.00	143.77 -1.60 0.00	122.99 -1.87 0.00	111.40 -1.70 0.00	99.75 -1.21 0.00	89.61 -1.55 0.00	85.87 -1.40 0.00	78.33 -1.19 0.00
SYRACUSE___POWER 24017	71.09 -1.53 0.00	67.06 -1.44 0.00	64.93 -1.39 0.00	64.55 -1.32 0.00	63.60 -1.30 0.00	67.62 -1.52 0.00	87.76 -2.07 0.00	99.24 -1.61 0.00	97.97 -1.69 0.00	112.48 -2.06 0.00	113.61 -1.96 0.00	113.72 -2.32 0.00	111.14 -2.27 0.00	106.84 -2.18 0.00	105.59 -2.15 0.00	100.59 -2.16 0.00	115.04 -1.99 0.00	143.48 -1.89 0.00	122.74 -2.12 0.00	111.18 -1.92 0.00	99.55 -1.41 0.00	89.43 -1.73 0.00	85.79 -1.48 0.00	78.25 -1.27 0.00
TALLMAN__138KV_BK151 55660	73.64 1.02 0.00	69.46 0.96 0.00	67.25 0.93 0.00	66.72 0.86 0.00	65.61 0.71 0.00	70.32 1.18 0.00	91.44 1.62 0.00	102.37 1.51 0.00	101.96 2.29 0.00	117.18 2.63 0.00	118.58 3.00 0.00	119.29 3.25 0.00	116.13 2.72 0.00	111.75 2.73 0.00	110.22 2.48 0.00	105.42 2.67 0.00	119.72 2.69 0.00	148.43 3.05 0.00	127.74 2.87 0.00	115.81 2.71 0.00	102.98 2.02 0.00	93.08 1.91 0.00	88.40 1.13 0.00	80.40 0.87 0.00
TEALLAVE_115KV_TB7 355573	70.88 -1.74 0.00	66.86 -1.64 0.00	64.73 -1.59 0.00	64.35 -1.51 0.00	63.47 -1.43 0.00	67.42 -1.73 0.00	87.49 -2.34 0.00	98.84 -2.02 0.00	97.67 -1.99 0.00	112.14 -2.41 0.00	113.15 -2.43 0.00	113.37 -2.67 0.00	110.80 -2.61 0.00	106.51 -2.51 0.00	105.27 -2.48 0.00	100.18 -2.57 0.00	114.57 -2.46 0.00	142.76 -2.62 0.00	122.12 -2.75 0.00	110.61 -2.49 0.00	99.05 -1.92 0.00	89.07 -2.10 0.00	85.44 -1.83 0.00	77.93 -1.59 0.00
TELGRAPH_34_KV_EAST 80808	70.66 -1.96 0.00	66.86 -1.64 0.00	64.60 -1.72 0.00	64.35 -1.51 0.00	63.73 -1.17 0.00	65.83 -3.32 0.00	83.18 -6.65 0.00	94.60 -6.25 0.00	93.49 -6.18 0.00	106.30 -8.25 0.00	107.02 -8.55 0.00	106.99 -9.05 0.00	104.56 -8.85 0.00	99.76 -9.27 0.00	99.67 -8.08 0.00	94.32 -8.43 0.00	108.95 -8.08 0.00	136.07 -9.30 0.00	115.63 -9.24 0.00	105.52 -7.58 0.00	95.31 -5.65 0.00	85.78 -5.38 0.00	83.87 -3.40 0.00	77.53 -1.99 0.00
TEMPLE___115KV_TB 2 55572	70.88 -1.74 0.00	66.86 -1.64 0.00	64.73 -1.59 0.00	64.35 -1.51 0.00	63.47 -1.43 0.00	67.42 -1.73 0.00	87.49 -2.34 0.00	98.84 -2.02 0.00	97.67 -1.99 0.00	112.14 -2.41 0.00	113.26 -2.31 0.00	113.37 -2.67 0.00	110.80 -2.61 0.00	106.51 -2.51 0.00	105.27 -2.48 0.00	100.28 -2.47 0.00	114.57 -2.46 0.00	142.76 -2.62 0.00	122.24 -2.62 0.00	110.73 -2.38 0.00	99.05 -1.92 0.00	89.07 -2.10 0.00	85.44 -1.83 0.00	77.93 -1.59 0.00
TIANA____69_KV_BK 1 55817	78.36 5.74 0.00	73.50 5.00 0.00	70.64 4.31 0.00	70.02 4.15 0.00	68.66 3.76 0.00	73.92 4.77 0.00	94.40 4.58 0.00	101.46 0.61 0.00	101.86 2.19 0.00	118.44 3.89 0.00	121.70 6.13 0.00	123.47 7.43 0.00	120.32 6.92 0.00	116.44 7.41 0.00	114.75 7.00 0.00	110.25 7.50 0.00	125.56 8.43 -0.11	148.57 3.20 0.00	131.61 6.74 0.00	122.11 7.69 -1.32	107.63 6.66 0.00	94.35 3.19 0.00	90.24 2.97 0.00	81.75 2.23 0.00



TILDEN___115KV_TB1 80814	71.09 -1.53 0.00	67.06 -1.44 0.00	64.93 -1.39 0.00	64.55 -1.32 0.00	63.60 -1.30 0.00	67.62 -1.52 0.00	87.76 -2.07 0.00	99.24 -1.61 0.00	97.97 -1.69 0.00	112.48 -2.06 0.00	113.61 -1.96 0.00	113.72 -2.32 0.00	111.14 -2.27 0.00	106.84 -2.18 0.00	105.59 -2.15 0.00	100.59 -2.16 0.00	115.04 -1.99 0.00	143.48 -1.89 0.00	122.74 -2.12 0.00	111.18 -1.92 0.00	99.55 -1.41 0.00	89.43 -1.73 0.00	85.79 -1.48 0.00	78.25 -1.27 0.00
TRIGEN___CC 323695	75.82 3.20 0.00	71.38 2.88 0.00	68.85 2.52 0.00	68.31 2.44 0.00	67.10 2.21 0.00	72.05 2.90 0.00	93.59 3.77 0.00	103.28 2.42 0.00	102.95 3.29 0.00	117.98 3.44 0.00	120.54 4.97 0.00	121.84 5.80 0.00	118.74 5.33 0.00	114.58 5.56 0.00	112.92 5.17 0.00	108.40 5.65 0.00	123.92 6.09 -0.80	150.17 4.80 0.00	130.36 5.49 0.00	129.31 5.77 -10.44	105.61 4.64 0.00	95.54 4.38 0.00	90.50 3.23 0.00	82.23 2.70 0.00
TRINITY___115KV___4 BK 55933	73.85 1.23 0.00	69.66 1.16 0.00	67.45 1.13 0.00	67.05 1.19 0.00	66.00 1.10 0.00	70.46 1.31 0.00	91.26 1.44 0.00	101.97 1.11 0.00	101.66 1.99 0.00	116.84 2.29 0.00	117.88 2.31 0.00	118.36 2.32 0.00	114.99 1.59 0.00	110.66 1.64 0.00	109.36 1.62 0.00	104.60 1.85 0.00	118.79 1.76 0.00	147.12 1.74 0.00	126.74 1.87 0.00	114.68 1.58 0.00	102.18 1.21 0.00	92.26 1.09 0.00	88.14 0.87 0.00	80.16 0.64 0.00
UNION___PROCESSING_DRP 323587	71.39 -1.23 0.00	67.40 -1.10 0.00	65.20 -1.13 0.00	64.88 -0.99 0.00	64.18 -0.71 0.00	67.07 -2.07 0.00	85.87 -3.95 0.00	97.43 -3.43 0.00	96.48 -3.19 0.00	110.19 -4.35 0.00	110.95 -4.62 0.00	111.05 -4.99 0.00	108.53 -4.88 0.00	103.68 -5.34 0.00	103.44 -4.31 0.00	98.02 -4.73 0.00	112.82 -4.21 0.00	140.87 -4.51 0.00	120.00 -4.87 0.00	109.14 -3.96 0.00	98.14 -2.83 0.00	88.34 -2.83 0.00	85.52 -1.75 0.00	78.49 -1.03 0.00
UPPER HUDSON___HYD 24058	75.01 2.39 0.00	70.90 2.40 0.00	68.65 2.32 0.00	68.24 2.37 0.00	67.36 2.47 0.00	71.84 2.69 0.00	93.68 3.86 0.00	105.09 4.24 0.00	104.65 4.98 0.00	120.16 5.61 0.00	121.23 5.66 0.00	121.50 5.46 0.00	118.28 4.87 0.00	113.39 4.37 0.00	111.94 4.20 0.00	107.26 4.52 0.00	122.06 5.03 0.00	151.92 6.55 0.00	130.11 5.24 0.00	117.74 4.64 0.00	105.20 4.24 0.00	94.35 3.19 0.00	90.15 2.88 0.00	81.75 2.22 0.00
UPPER RAQUET___HYD 24056	74.15 1.53 0.00	70.14 1.64 0.00	67.98 1.66 0.00	67.45 1.58 0.00	66.45 1.55 0.00	70.53 1.38 0.00	91.89 2.07 0.00	102.27 1.41 0.00	101.25 1.59 0.00	117.06 2.52 0.00	118.46 2.89 0.00	118.94 2.90 0.00	116.47 3.06 0.00	111.97 2.94 0.00	109.90 2.15 0.00	103.99 1.24 0.00	118.20 1.17 0.00	147.26 1.88 0.00	126.37 1.50 0.00	114.46 1.36 0.00	101.97 1.01 0.00	92.26 1.10 0.00	88.66 1.39 0.00	81.27 1.75 0.00
VALLEY44_115KV_TB2 355964	71.09 -1.53 0.00	67.27 -1.23 0.00	64.93 -1.39 0.00	64.68 -1.19 0.00	63.99 -0.91 0.00	67.14 -2.01 0.00	85.96 -3.86 0.00	97.83 -3.03 0.00	96.28 -3.39 0.00	109.16 -5.38 0.00	110.26 -5.32 0.00	110.24 -5.80 0.00	107.40 -6.01 0.00	102.81 -6.21 0.00	102.14 -5.60 0.00	96.89 -5.86 0.00	112.11 -4.92 0.00	139.85 -5.52 0.00	119.25 -5.62 0.00	108.35 -4.75 0.00	97.63 -3.33 0.00	87.70 -3.46 0.00	85.35 -1.92 0.00	78.65 -0.87 0.00
VALLEY___115KV_TB 1-4 80826	76.98 4.36 0.00	72.61 4.11 0.00	70.17 3.85 0.00	69.62 3.75 0.00	68.66 3.76 0.00	72.95 3.80 0.00	94.76 4.94 0.00	106.40 5.55 0.00	105.25 5.58 0.00	120.96 6.41 0.00	122.39 6.82 0.00	123.00 6.96 0.00	120.32 6.92 0.00	115.67 6.65 0.00	114.21 6.46 0.00	108.91 6.16 0.00	124.05 7.02 0.00	153.95 8.58 0.00	132.11 7.24 0.00	119.55 6.45 0.00	106.62 5.65 0.00	96.09 4.92 0.00	92.24 4.97 0.00	83.97 4.45 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	76.03 3.41 0.00	71.92 3.42 0.00	69.58 3.25 0.00	68.96 3.10 0.00	68.14 3.24 0.00	72.81 3.66 0.00	94.76 4.94 0.00	106.61 5.75 0.00	105.94 6.28 0.00	121.88 7.33 0.00	123.32 7.74 0.00	123.82 7.77 0.00	120.78 7.37 0.00	116.00 6.98 0.00	114.10 6.36 0.00	108.61 5.86 0.00	123.58 6.55 0.00	153.51 8.14 0.00	131.98 7.12 0.00	119.77 6.67 0.00	106.82 5.86 0.00	96.18 5.01 0.00	91.63 4.36 0.00	83.26 3.74 0.00
VISCHER___FERRY HYD 24020	74.80 2.18 0.00	70.55 2.05 0.00	68.31 1.99 0.00	67.91 2.04 0.00	66.91 2.01 0.00	71.36 2.21 0.00	92.78 2.96 0.00	103.78 2.93 0.00	103.35 3.69 0.00	118.66 4.12 0.00	119.73 4.15 0.00	120.21 4.17 0.00	116.70 3.29 0.00	112.29 3.27 0.00	110.87 3.13 0.00	106.13 3.39 0.00	120.54 3.51 0.00	149.73 4.36 0.00	128.61 3.74 0.00	116.49 3.39 0.00	103.89 2.93 0.00	93.71 2.55 0.00	89.63 2.36 0.00	81.51 1.99 0.00
V_A_10_SYNC_DSASP 323832	70.15 -2.47 0.00	66.38 -2.12 0.00	64.14 -2.19 0.00	63.89 -1.98 0.00	63.21 -1.69 0.00	65.48 -3.66 0.00	83.18 -6.65 0.00	94.30 -6.56 0.00	93.19 -6.48 0.00	106.18 -8.36 0.00	107.02 -8.55 0.00	106.99 -9.05 0.00	104.33 -9.07 0.00	99.86 -9.16 0.00	99.56 -8.19 0.00	94.22 -8.53 0.00	108.72 -8.31 0.00	135.49 -9.89 0.00	115.38 -9.49 0.00	105.07 -8.03 0.00	94.91 -6.06 0.00	85.51 -5.65 0.00	83.43 -3.84 0.00	76.90 -2.62 0.00
V_CMM_10_SYNC_DSASP 323787	73.71 1.09 0.00	69.53 1.03 0.00	67.39 1.06 0.00	66.86 0.99 0.00	65.87 0.97 0.00	70.25 1.11 0.00	91.35 1.53 0.00	102.47 1.61 0.00	100.56 0.90 0.00	116.26 1.72 0.00	117.19 1.62 0.00	117.90 1.86 0.00	114.88 1.47 0.00	110.44 1.42 0.00	109.25 1.51 0.00	103.47 0.72 0.00	117.97 0.94 0.00	146.83 1.45 0.00	125.99 1.12 0.00	114.12 1.02 0.00	101.87 0.91 0.00	92.08 0.91 0.00	88.23 0.96 0.00	81.03 1.51 0.00
V_CMP_10_SYNC_DSASP 323788	75.09 2.47 0.00	70.83 2.33 0.00	68.71 2.39 0.00	68.17 2.31 0.00	67.17 2.27 0.00	71.63 2.49 0.00	93.15 3.32 0.00	104.99 4.14 0.00	103.55 3.89 0.00	118.90 4.35 0.00	119.96 4.39 0.00	120.45 4.41 0.00	117.49 4.08 0.00	112.95 3.92 0.00	111.73 3.99 0.00	106.34 3.60 0.00	121.36 4.33 0.00	151.33 5.96 0.00	129.86 4.99 0.00	117.62 4.52 0.00	104.90 3.94 0.00	94.72 3.56 0.00	90.76 3.49 0.00	82.78 3.26 0.00
V_D_10_SYNC_DSASP 323841	74.29 1.67 0.00	70.07 1.58 0.00	67.98 1.66 0.00	67.45 1.58 0.00	66.45 1.56 0.00	70.81 1.66 0.00	92.07 2.25 0.00	103.38 2.52 0.00	101.86 2.19 0.00	117.30 2.75 0.00	118.35 2.77 0.00	118.94 2.90 0.00	116.01 2.61 0.00	111.64 2.62 0.00	110.22 2.48 0.00	104.80 2.05 0.00	119.37 2.34 0.00	148.72 3.34 0.00	127.61 2.75 0.00	115.59 2.49 0.00	103.18 2.22 0.00	93.17 2.01 0.00	89.36 2.09 0.00	81.67 2.15 0.00
V_E_10_SYNC_DSASP 323830	77.34 4.72 0.00	73.09 4.59 0.00	70.64 4.31 0.00	69.89 4.02 0.00	69.24 4.35 0.00	73.78 4.63 0.00	96.38 6.56 0.00	109.63 8.77 0.00	108.93 9.27 0.00	124.86 10.31 0.00	126.55 10.98 0.00	126.72 10.68 0.00	123.95 10.55 0.00	118.94 9.92 0.00	117.01 9.27 0.00	111.38 8.63 0.00	128.62 11.59 0.00	161.22 15.85 0.00	137.23 12.36 0.00	124.52 11.42 0.00	111.16 10.20 0.00	98.64 7.48 0.00	93.99 6.72 0.00	85.41 5.88 0.00



V_F_30_NSYNC___DSASP 323816	75.52 2.90 0.00	71.24 2.74 0.00	68.98 2.65 0.00	68.50 2.63 0.00	67.56 2.66 0.00	72.12 2.97 0.00	93.86 4.04 0.00	105.19 4.34 0.00	104.55 4.88 0.00	120.04 5.50 0.00	121.12 5.55 0.00	121.38 5.34 0.00	118.28 4.88 0.00	113.71 4.69 0.00	112.38 4.63 0.00	107.58 4.83 0.00	122.41 5.38 0.00	151.92 6.54 0.00	130.61 5.74 0.00	118.19 5.09 0.00	105.41 4.44 0.00	94.81 3.65 0.00	90.59 3.32 0.00	82.30 2.78 0.00
V_F_30_SYNC_DSASP 323786	74.07 1.45 0.00	69.87 1.37 0.00	67.65 1.33 0.00	67.19 1.32 0.00	66.19 1.30 0.00	70.67 1.52 0.00	91.53 1.71 0.00	102.37 1.51 0.00	101.96 2.29 0.00	117.30 2.75 0.00	118.35 2.77 0.00	118.83 2.78 0.00	115.56 2.15 0.00	111.20 2.18 0.00	109.79 2.05 0.00	105.11 2.36 0.00	119.37 2.34 0.00	147.84 2.47 0.00	127.24 2.37 0.00	115.14 2.04 0.00	102.58 1.62 0.00	92.53 1.37 0.00	88.40 1.13 0.00	80.32 0.80 0.00
V_XM_10_SYNC_DSASP 323789	75.09 2.47 0.00	70.83 2.33 0.00	68.71 2.39 0.00	68.17 2.31 0.00	67.17 2.27 0.00	71.63 2.49 0.00	93.15 3.32 0.00	104.99 4.14 0.00	103.55 3.89 0.00	118.90 4.35 0.00	119.96 4.39 0.00	120.45 4.41 0.00	117.49 4.08 0.00	112.95 3.92 0.00	111.73 3.99 0.00	106.34 3.60 0.00	121.36 4.33 0.00	151.33 5.96 0.00	129.86 4.99 0.00	117.62 4.52 0.00	104.90 3.94 0.00	94.72 3.56 0.00	90.76 3.49 0.00	82.78 3.26 0.00
W.BABYLN_69_KV_BK1 56697	77.78 5.16 0.00	73.09 4.59 0.00	70.37 4.05 0.00	69.82 3.95 0.00	68.60 3.70 0.00	73.78 4.63 0.00	95.75 5.93 0.00	104.89 4.03 0.00	104.45 4.78 0.00	119.36 4.81 0.00	122.39 6.82 0.00	124.05 8.01 0.00	120.78 7.37 0.00	116.87 7.85 0.00	115.29 7.54 0.00	110.87 8.12 0.00	126.56 9.25 -0.28	152.35 6.98 0.00	132.73 7.87 0.00	124.52 7.80 -3.62	108.33 7.37 0.00	97.73 6.56 0.00	92.59 5.32 0.00	84.13 4.61 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	74.15 1.53 0.00	69.94 1.44 0.00	67.65 1.33 0.00	67.19 1.32 0.00	66.06 1.17 0.00	70.81 1.66 0.00	92.07 2.25 0.00	103.08 2.22 0.00	102.75 3.09 0.00	118.21 3.67 0.00	119.50 3.93 0.00	120.33 4.29 0.00	117.03 3.63 0.00	112.62 3.60 0.00	111.09 3.34 0.00	106.24 3.49 0.00	120.66 3.63 0.00	149.73 4.36 0.00	128.74 3.87 0.00	116.61 3.51 0.00	103.59 2.63 0.00	93.63 2.46 0.00	88.93 1.66 0.00	80.79 1.27 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	74.51 1.89 0.00	70.28 1.78 0.00	68.05 1.72 0.00	67.58 1.71 0.00	66.39 1.49 0.00	71.01 1.87 0.00	92.34 2.52 0.00	103.28 2.42 0.00	103.15 3.49 0.00	118.78 4.24 0.00	120.08 4.51 0.00	121.03 4.99 0.00	117.83 4.42 0.00	113.27 4.25 0.00	111.73 3.99 0.00	106.96 4.21 0.00	121.48 4.45 0.00	150.61 5.23 0.00	129.61 4.74 0.00	117.17 4.07 0.00	103.99 3.03 0.00	93.99 2.83 0.00	89.19 1.92 0.00	81.19 1.67 0.00
W50THST__13_KV_LOAD 356117	74.73 2.11 0.00	70.55 2.05 0.00	68.25 1.92 0.00	67.78 1.91 0.00	66.58 1.69 0.00	71.22 2.07 0.00	92.70 2.87 0.00	103.78 2.92 0.00	103.65 3.99 0.00	119.36 4.81 0.00	120.66 5.09 0.00	121.61 5.57 0.00	118.40 4.99 0.00	113.82 4.80 0.00	112.27 4.53 0.00	107.47 4.73 0.00	122.06 5.03 0.00	151.33 5.96 0.00	130.24 5.37 0.00	117.74 4.64 0.00	104.40 3.43 0.00	94.35 3.19 0.00	89.54 2.27 0.00	81.43 1.91 0.00
WADING RIVER_IC_1 23522	77.85 5.23 0.00	73.09 4.59 0.00	70.30 3.98 0.00	69.69 3.82 0.00	68.40 3.50 0.00	73.02 3.87 0.00	93.23 3.41 0.00	98.84 -2.02 0.00	103.95 4.28 0.00	118.55 4.01 0.00	121.23 5.66 0.00	123.12 7.08 0.00	120.44 7.03 0.00	116.10 7.08 0.00	115.08 7.33 0.00	110.36 7.60 -0.01	124.98 7.84 -0.11	147.84 2.47 0.00	131.11 6.24 0.00	121.76 7.35 -1.31	104.71 3.74 -0.01	93.36 2.18 -0.01	88.40 1.13 0.00	80.79 1.27 0.00
WADING RIVER_IC_2 23547	77.85 5.23 0.00	73.09 4.59 0.00	70.30 3.98 0.00	69.69 3.82 0.00	68.40 3.50 0.00	73.02 3.87 0.00	93.23 3.41 0.00	98.84 -2.02 0.00	103.95 4.28 0.00	118.55 4.01 0.00	121.23 5.66 0.00	123.12 7.08 0.00	120.44 7.03 0.00	116.10 7.08 0.00	115.08 7.33 0.00	110.36 7.60 -0.01	124.98 7.84 -0.11	147.84 2.47 0.00	131.11 6.24 0.00	121.76 7.35 -1.31	104.71 3.74 -0.01	93.36 2.18 -0.01	88.40 1.13 0.00	80.79 1.27 0.00
WADING RIVER_IC_3 23601	77.85 5.23 0.00	73.09 4.59 0.00	70.30 3.98 0.00	69.69 3.82 0.00	68.40 3.50 0.00	73.02 3.87 0.00	93.23 3.41 0.00	98.84 -2.02 0.00	103.95 4.28 0.00	118.55 4.01 0.00	121.23 5.66 0.00	123.12 7.08 0.00	120.44 7.03 0.00	116.10 7.08 0.00	115.08 7.33 0.00	110.36 7.60 -0.01	124.98 7.84 -0.11	147.84 2.47 0.00	131.11 6.24 0.00	121.76 7.35 -1.31	104.71 3.74 -0.01	93.36 2.18 -0.01	88.40 1.13 0.00	80.79 1.27 0.00
WALDENNY_12_KV_BK2 80841	71.17 -1.45 0.00	67.40 -1.10 0.00	65.07 -1.26 0.00	64.81 -1.05 0.00	64.18 -0.71 0.00	66.38 -2.77 0.00	84.16 -5.66 0.00	95.71 -5.14 0.00	94.48 -5.18 0.00	107.33 -7.22 0.00	108.29 -7.28 0.00	108.27 -7.77 0.00	105.58 -7.82 0.00	100.85 -8.18 0.00	100.42 -7.33 0.00	95.15 -7.60 0.00	110.13 -6.90 0.00	137.38 -8.00 0.00	116.75 -8.12 0.00	106.43 -6.67 0.00	96.22 -4.75 0.00	86.51 -4.65 0.00	84.74 -2.53 0.00	78.25 -1.27 0.00
WALDEN__HYDRO 24148	74.36 1.74 0.00	70.14 1.64 0.00	67.92 1.59 0.00	67.38 1.51 0.00	66.32 1.43 0.00	70.94 1.80 0.00	92.34 2.52 0.00	103.38 2.52 0.00	102.75 3.09 0.00	118.33 3.78 0.00	119.50 3.93 0.00	120.22 4.18 0.00	117.15 3.74 0.00	112.62 3.60 0.00	111.19 3.45 0.00	106.34 3.60 0.00	120.89 3.86 0.00	150.03 4.65 0.00	129.11 4.25 0.00	116.83 3.73 0.00	103.79 2.83 0.00	93.81 2.64 0.00	89.19 1.92 0.00	81.03 1.51 0.00
WARRENSBURG____ 23737	75.02 2.40 0.00	70.90 2.40 0.00	68.58 2.26 0.00	68.24 2.37 0.00	67.30 2.40 0.00	71.84 2.70 0.00	93.68 3.86 0.00	105.09 4.24 0.00	104.65 4.98 0.00	120.04 5.50 0.00	121.12 5.55 0.00	121.38 5.34 0.00	118.28 4.88 0.00	113.38 4.36 0.00	112.06 4.31 0.00	107.27 4.52 0.00	122.18 5.15 0.00	151.77 6.40 0.00	130.24 5.37 0.00	117.74 4.64 0.00	105.20 4.24 0.00	94.35 3.19 0.00	90.15 2.88 0.00	81.75 2.23 0.00
WATERSIDE____6 8 9 23538	74.29 1.67 0.00	70.14 1.64 0.00	67.98 1.66 0.00	67.52 1.65 0.00	66.32 1.43 0.00	70.67 1.52 0.00	91.79 1.98 0.01	102.56 1.71 0.01	102.45 2.79 0.01	117.86 3.32 0.01	119.26 3.70 0.01	120.09 4.06 0.01	116.91 3.52 0.01	112.50 3.49 0.01	110.86 3.12 0.01	106.23 3.49 0.01	120.65 3.63 0.01	149.58 4.22 0.01	128.73 3.87 0.01	116.37 3.28 0.01	103.28 2.32 0.01	93.34 2.19 0.01	88.57 1.31 0.01	80.87 1.35 0.00
WATKINRD_115KV_LN8_ILLION 55919	75.67 3.05 0.00	71.38 2.88 0.00	69.04 2.72 0.00	68.50 2.63 0.00	67.56 2.66 0.00	71.84 2.70 0.00	93.33 3.50 0.00	104.69 3.83 0.00	103.55 3.89 0.00	119.01 4.47 0.00	120.31 4.74 0.00	120.80 4.76 0.00	118.17 4.76 0.00	113.60 4.58 0.00	112.27 4.53 0.00	107.06 4.32 0.00	121.95 4.92 0.00	151.33 5.96 0.00	129.99 5.12 0.00	117.62 4.52 0.00	105.00 4.04 0.00	94.63 3.46 0.00	90.76 3.49 0.00	82.62 3.10 0.00



WDELAWARE___HYD 323627	74.87 2.25 0.00	70.63 2.13 0.00	68.38 2.06 0.00	67.91 2.04 0.00	66.91 2.01 0.00	71.36 2.21 0.00	93.23 3.41 0.00	104.29 3.43 0.00	103.85 4.19 0.00	119.47 4.92 0.00	120.43 4.85 0.00	121.27 5.23 0.00	118.17 4.76 0.00	113.49 4.47 0.00	112.06 4.31 0.00	107.26 4.52 0.00	121.94 4.91 0.00	152.06 6.69 0.00	130.49 5.62 0.00	118.07 4.97 0.00	104.59 3.63 0.00	94.72 3.55 0.00	89.98 2.71 0.00	81.67 2.15 0.00
WEST BABYLON___IC 23714	77.78 5.16 0.00	73.09 4.59 0.00	70.37 4.05 0.00	69.82 3.95 0.00	68.60 3.70 0.00	73.78 4.63 0.00	95.75 5.93 0.00	104.89 4.03 0.00	104.45 4.78 0.00	119.36 4.81 0.00	122.39 6.82 0.00	124.05 8.01 0.00	120.78 7.37 0.00	116.87 7.85 0.00	115.29 7.54 0.00	110.87 8.12 0.00	126.56 9.25 -0.28	152.35 6.98 0.00	132.73 7.87 0.00	124.52 7.80 -3.62	108.33 7.37 0.00	97.73 6.56 0.00	92.59 5.32 0.00	84.13 4.61 0.00
WEST CANADA___HYD 24049	72.84 0.22 0.00	68.71 0.21 0.00	66.52 0.20 0.00	66.00 0.13 0.00	65.09 0.20 0.00	69.28 0.14 0.00	90.09 0.27 0.00	101.06 0.20 0.00	99.86 0.20 0.00	114.78 0.23 0.00	115.80 0.23 0.00	116.39 0.35 0.00	113.75 0.34 0.00	109.35 0.33 0.00	107.96 0.22 0.00	103.16 0.41 0.00	117.26 0.23 0.00	145.66 0.29 0.00	125.12 0.25 0.00	113.33 0.23 0.00	101.17 0.20 0.00	91.35 0.18 0.00	87.44 0.17 0.00	79.68 0.16 0.00
WESTERN_NY_WIND 24143	71.68 -0.94 0.00	67.81 -0.68 0.00	65.53 -0.80 0.00	65.28 -0.59 0.00	64.64 -0.26 0.00	67.00 -2.14 0.00	84.97 -4.85 0.00	96.72 -4.14 0.00	95.68 -3.99 0.00	108.82 -5.73 0.00	109.45 -6.13 0.00	109.31 -6.73 0.00	106.94 -6.46 0.00	101.83 -7.20 0.00	102.04 -5.71 0.00	96.48 -6.27 0.00	111.65 -5.38 0.00	139.70 -5.67 0.00	118.62 -6.24 0.00	108.24 -4.86 0.00	97.53 -3.43 0.00	87.70 -3.46 0.00	85.52 -1.75 0.00	78.89 -0.64 0.00
WESTOVER___LESR 323668	71.31 -1.31 0.00	67.33 -1.16 0.00	65.13 -1.19 0.00	64.81 -1.05 0.00	63.99 -0.91 0.00	67.76 -1.38 0.00	87.76 -2.07 0.00	99.55 -1.31 0.00	98.17 -1.49 0.00	112.26 -2.29 0.00	113.38 -2.20 0.00	113.49 -2.55 0.00	110.68 -2.72 0.00	106.41 -2.62 0.00	105.27 -2.48 0.00	100.08 -2.67 0.00	115.04 -1.99 0.00	143.63 -1.74 0.00	122.62 -2.25 0.00	111.18 -1.92 0.00	99.75 -1.21 0.00	89.43 -1.73 0.00	86.05 -1.22 0.00	78.73 -0.80 0.00
WETHRSFD_WT_PWR 323626	70.73 -1.89 0.00	66.85 -1.64 0.00	64.40 -1.93 0.00	64.16 -1.71 0.00	63.41 -1.49 0.00	66.31 -2.84 0.00	83.35 -6.47 0.00	96.52 -4.33 0.00	93.58 -6.08 0.00	106.98 -7.56 0.00	107.71 -7.86 0.00	107.57 -8.47 0.00	104.56 -8.85 0.00	100.08 -8.94 0.00	99.34 -8.40 0.00	94.43 -8.32 0.00	109.77 -7.26 0.00	135.63 -9.74 0.00	116.87 -7.99 0.00	106.20 -6.90 0.00	95.61 -5.35 0.00	85.51 -5.65 0.00	83.78 -3.49 0.00	77.54 -1.98 0.00
WHAVSTOR_138KV_BK127 55557	73.71 1.09 0.00	69.53 1.03 0.00	67.32 0.99 0.00	66.86 0.99 0.00	65.74 0.84 0.00	70.39 1.24 0.00	91.53 1.71 0.00	102.37 1.51 0.00	102.06 2.39 0.00	117.30 2.75 0.00	118.58 3.00 0.00	119.41 3.37 0.00	116.24 2.84 0.00	111.75 2.73 0.00	110.22 2.48 0.00	105.52 2.77 0.00	119.84 2.81 0.00	148.57 3.20 0.00	127.86 3.00 0.00	115.81 2.71 0.00	102.88 1.92 0.00	92.99 1.82 0.00	88.40 1.13 0.00	80.40 0.87 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	73.71 1.09 0.00	69.53 1.03 0.00	67.32 0.99 0.00	66.86 0.99 0.00	65.74 0.84 0.00	70.39 1.24 0.00	91.53 1.71 0.00	102.37 1.51 0.00	102.06 2.39 0.00	117.30 2.75 0.00	118.58 3.00 0.00	119.41 3.37 0.00	116.24 2.84 0.00	111.75 2.73 0.00	110.22 2.48 0.00	105.52 2.77 0.00	119.84 2.81 0.00	148.57 3.20 0.00	127.86 3.00 0.00	115.81 2.71 0.00	102.88 1.92 0.00	92.99 1.82 0.00	88.40 1.13 0.00	80.40 0.87 0.00
WHITEHAL_115KV_TB1 80871	76.32 3.70 0.00	72.13 3.63 0.00	69.71 3.38 0.00	69.36 3.49 0.00	68.53 3.63 0.00	73.23 4.08 0.00	95.66 5.84 0.00	107.41 6.56 0.00	106.94 7.28 0.00	122.68 8.13 0.00	123.66 8.09 0.00	123.82 7.77 0.00	120.44 7.03 0.00	115.67 6.65 0.00	114.21 6.46 0.00	109.53 6.78 0.00	125.10 8.08 0.00	155.69 10.32 0.00	133.36 8.49 0.00	120.56 7.46 0.00	107.63 6.66 0.00	96.27 5.11 0.00	91.81 4.54 0.00	83.18 3.66 0.00
WHITEPLN_13_KV_LOAD 356215	75.02 2.40 0.00	70.83 2.33 0.00	68.51 2.19 0.00	67.98 2.11 0.00	66.84 1.95 0.00	71.63 2.49 0.00	93.24 3.41 0.00	104.29 3.43 0.00	104.15 4.48 0.00	119.82 5.27 0.00	121.35 5.78 0.00	122.19 6.15 0.00	118.85 5.44 0.00	114.26 5.23 0.00	112.59 4.85 0.00	107.78 5.03 0.00	122.53 5.50 0.00	151.92 6.54 0.00	130.74 5.87 0.00	118.30 5.20 0.00	105.10 4.14 0.00	94.72 3.56 0.00	89.89 2.62 0.00	81.75 2.23 0.00
WM_FLOYD_69_KV_BK2 356380	77.63 5.01 0.00	72.88 4.38 0.00	70.04 3.71 0.00	69.49 3.62 0.00	68.21 3.31 0.00	73.43 4.29 0.00	94.13 4.31 0.00	101.56 0.71 0.00	101.76 2.09 0.00	117.64 3.09 0.00	120.77 5.20 0.00	122.54 6.50 0.00	119.42 6.01 0.00	115.56 6.54 0.00	114.00 6.25 0.00	109.63 6.88 0.00	124.87 7.72 -0.11	148.28 2.91 0.00	130.99 6.12 0.00	121.59 7.13 -1.36	107.12 6.16 0.00	94.81 3.65 0.00	90.59 3.32 0.00	82.07 2.54 0.00
WOODARD___115KV_TB2 355635	70.88 -1.74 0.00	66.86 -1.64 0.00	64.67 -1.66 0.00	64.29 -1.58 0.00	63.40 -1.49 0.00	67.35 -1.80 0.00	87.40 -2.43 0.00	98.84 -2.02 0.00	97.67 -1.99 0.00	112.14 -2.41 0.00	113.26 -2.31 0.00	113.49 -2.55 0.00	110.91 -2.49 0.00	106.62 -2.40 0.00	105.38 -2.37 0.00	100.18 -2.57 0.00	114.46 -2.57 0.00	142.61 -2.76 0.00	122.12 -2.75 0.00	110.61 -2.49 0.00	98.94 -2.02 0.00	88.98 -2.19 0.00	85.35 -1.92 0.00	77.85 -1.67 0.00
WOODMERE_69_KV_BK1 55827	76.98 4.36 0.00	72.40 3.90 0.00	69.77 3.45 0.00	69.23 3.36 0.00	68.01 3.12 0.00	73.09 3.94 0.00	94.94 5.12 0.00	104.89 4.03 0.00	104.55 4.88 0.00	119.82 5.27 0.00	122.62 7.05 0.00	124.05 8.01 0.00	120.89 7.48 0.00	116.65 7.63 0.00	114.96 7.22 0.00	110.35 7.60 0.00	127.24 8.43 -1.78	152.93 7.56 0.00	132.73 7.87 0.00	144.40 8.03 -23.27	107.73 6.76 0.00	97.18 6.02 0.00	91.89 4.63 0.00	83.58 4.06 0.00
YORK___WARBASSE 23770	74.36 1.74 0.00	70.14 1.64 0.00	68.05 1.72 0.00	67.65 1.78 0.00	66.39 1.49 0.00	70.60 1.45 0.00	91.79 1.98 0.01	102.66 1.82 0.01	102.35 2.69 0.01	117.75 3.21 0.01	119.15 3.58 0.01	119.98 3.95 0.01	116.80 3.40 0.01	112.29 3.27 0.01	110.75 3.02 0.01	105.93 3.19 0.01	120.53 3.51 0.01	149.44 4.07 0.01	128.73 3.87 0.01	116.37 3.28 0.01	103.28 2.32 0.01	93.25 2.10 0.01	88.48 1.22 0.01	80.79 1.27 0.00