

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/16/2025

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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	71.94	72.52	69.01	61.85	75.89	69.18	73.36	71.68	84.43	59.75	95.50	103.93	105.85	110.11	128.32	138.00	176.01	176.04	61.41	76.65	98.02	111.99	103.20	94.29
24138	3.60	2.87	2.72	2.76	3.33	3.00	3.35	3.45	5.09	4.45	7.11	7.92	8.25	8.11	11.10	13.31	16.33	15.94	4.45	5.47	6.18	6.26	6.88	5.43
	-1.12	-3.00	-1.48	-0.61	-0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.01	-8.95	-17.84	-27.26	0.00	0.00
74TH STREET_GT_1	72.26	72.79	69.26	62.04	76.15	69.42	73.60	71.83	84.57	59.75	95.51	103.98	105.91	110.18	128.34	138.09	176.12	176.16	61.48	76.03	98.29	112.31	103.61	94.67
24260	3.92	3.15	2.97	2.95	3.58	3.24	3.59	3.60	5.22	4.46	7.11	7.97	8.31	8.18	11.13	13.40	16.43	16.07	4.51	5.63	6.44	6.58	7.29	5.81
	-1.13	-3.00	-1.48	-0.61	-0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.01	-8.16	-17.84	-27.26	0.00	0.00
74TH STREET_GT_2	72.26	72.79	69.26	62.04	76.15	69.42	73.60	71.83	84.57	59.75	95.51	103.98	105.91	110.18	128.34	138.09	176.12	176.16	61.48	76.03	98.29	112.31	103.61	94.67
24261	3.92	3.15	2.97	2.95	3.58	3.24	3.59	3.60	5.22	4.46	7.11	7.97	8.31	8.18	11.13	13.40	16.43	16.07	4.51	5.63	6.44	6.58	7.29	5.81
	-1.13	-3.00	-1.48	-0.61	-0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.01	-8.16	-17.84	-27.26	0.00	0.00
ADK HUDSON___FALLS	83.17	100.51	83.49	68.33	81.49	70.14	73.72	71.77	83.21	58.93	92.05	100.33	102.85	107.41	124.22	132.76	171.77	173.57	150.67	151.60	263.84	365.20	104.12	95.26
24011	4.94	4.41	4.14	3.87	4.78	3.97	3.71	3.54	3.86	2.70	3.66	4.31	5.25	5.41	7.01	8.07	12.08	13.48	4.55	5.60	6.80	7.05	7.80	6.40
	-11.02	-29.45	-14.53	-5.99	-4.62	0.00	0.00	0.00	0.00	-0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-99.17	-83.77	-183.04	-279.68	0.00	0.00
ADK RESOURCE___RCVRY	83.48	100.28	83.48	68.49	81.82	70.51	73.80	71.78	83.02	58.88	91.81	100.18	103.02	107.68	124.44	132.96	172.52	174.55	151.55	152.37	265.20	367.14	104.45	95.42
23798	5.49	4.85	4.46	4.16	5.20	4.33	3.80	3.55	3.68	2.70	3.41	4.17	5.42	5.68	7.23	8.27	12.84	14.45	4.95	5.91	7.15	7.45	8.14	6.56
	-10.77	-28.78	-14.20	-5.85	-4.52	0.00	0.00	0.00	0.00	-0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-99.65	-84.23	-184.05	-281.22	0.00	0.00
ADK S GLENS___FALLS	83.17	100.51	83.49	68.33	81.49	70.14	73.72	71.77	83.21	58.93	92.05	100.33	102.85	107.41	124.22	132.76	171.77	173.57	150.67	151.60	263.84	365.20	104.12	95.26
24028	4.94	4.41	4.14	3.87	4.78	3.97	3.71	3.54	3.86	2.70	3.66	4.31	5.25	5.41	7.01	8.07	12.08	13.48	4.55	5.60	6.80	7.05	7.80	6.40
	-11.02	-29.45	-14.53	-5.99	-4.62	0.00	0.00	0.00	0.00	-0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-99.17	-83.77	-183.04	-279.68	0.00	0.00
ADK_NYS___DAM	87.49	114.49	90.35	71.08	83.36	69.81	73.96	72.04	83.55	60.03	92.58	100.55	102.79	107.08	123.62	131.70	168.48	169.42	122.21	125.67	208.66	282.11	102.04	93.78
23527	3.72	3.62	3.72	3.61	4.33	3.63	3.95	3.81	4.20	2.99	4.19	4.54	5.19	5.08	6.41	7.02	8.79	9.33	3.01	3.98	4.73	5.12	5.73	4.92
	-16.55	-44.22	-21.82	-8.99	-6.94	0.00	0.00	0.00	0.00	-1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-72.24	-59.46	-129.93	-198.52	0.00	0.00
AIR_PRODUCTS___DRP	47.91	14.04	39.17	48.36	64.40	65.88	70.40	68.74	79.71	54.21	89.32	96.93	98.56	102.75	118.67	126.84	162.58	163.39	93.60	107.77	172.26	227.91	97.71	90.10
24190	0.55	0.42	0.52	0.67	0.63	-0.30	0.39	0.51	0.36	0.06	0.93	0.91	0.96	0.75	1.46	2.15	2.90	3.29	1.02	1.16	1.29	1.27	1.39	1.23
	19.85	53.03	26.17	10.78	8.32	0.00	0.00	0.00	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-45.63	-44.38	-96.98	-148.18	0.00	0.00
AKWESSNE_115KV_BK	66.39	66.85	65.12	58.46	72.25	66.46	70.27	68.21	78.80	54.48	87.54	94.54	95.74	99.96	113.52	119.73	154.05	154.37	45.31	60.21	71.74	76.11	94.08	87.55
355683	-0.83	0.20	0.31	-0.02	0.15	0.28	0.26	-0.02	-0.54	-0.82	-0.85	-1.47	-1.85	-2.04	-3.69	-4.96	-5.63	-5.73	-1.65	-2.02	-2.26	-2.36	-2.24	-1.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	48.34	14.69	39.69	48.76	64.97	66.67	70.84	69.13	80.02	54.55	88.63	96.18	97.87	102.11	118.01	125.84	161.66	162.72	81.49	97.27	149.43	192.91	97.96	90.27
323833	0.87	0.77	0.89	1.01	1.15	0.49	0.83	0.90	0.67	0.04	0.23	0.16	0.27	0.11	0.80	1.15	1.98	2.63	0.87	1.20	1.47	1.44	1.64	1.41
	19.74	52.73	26.02	10.72	8.28	0.00	0.00	0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-33.66	-33.84	-73.96	-113.00	0.00	0.00
ALBANY_2_SOLAR	48.36	14.75	39.70	48.76	64.95	66.65	70.83	69.09	79.98	54.53	88.56	96.17	97.82	102.05	117.92	125.83	161.57	162.61	81.47	97.24	149.36	192.85	97.91	90.23
323834	0.84	0.74	0.86	0.99	1.12	0.47	0.82	0.86	0.63	0.01	0.17	0.15	0.22	0.06	0.71	1.14	1.89	2.51	0.85	1.18	1.43	1.42	1.59	1.37
	19.70	52.63	25.97	10.70	8.26	0.00	0.00	0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-33.66	-33.83	-73.93	-112.96	0.00	0.00
ALBANY___1	47.91	14.04	39.17	48.36	64.40	65.88	70.40	68.74	79.71	54.21	89.32	96.93	98.56	102.75	118.67	126.84	162.58	163.39	93.60	107.77	172.26	227.91	97.71	90.10
23571	0.55	0.42	0.52	0.67	0.63	-0.30	0.39	0.51	0.36	0.06	0.93	0.91	0.96	0.75	1.46	2.15	2.90	3.29	1.02	1.16	1.29	1.27	1.39	1.23
	19.85	53.03	26.17	10.78	8.32	0.00	0.00	0.00	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-45.63	-44.38	-96.98	-148.18	0.00	0.00

ALBANY___2 23572	47.91 0.55 19.85	14.04 0.42 53.03	39.17 0.52 26.17	48.36 0.67 10.78	64.40 0.63 8.32	65.88 -0.30 0.00	70.40 0.39 0.00	68.74 0.51 0.00	79.71 0.36 0.00	54.21 0.06 1.15	89.32 0.93 0.00	96.93 0.91 0.00	98.56 0.96 0.00	102.75 0.75 0.00	118.67 1.46 0.00	126.84 2.15 0.00	162.58 2.90 0.00	163.39 3.29 0.00	93.60 1.02 -45.63	107.77 1.16 -44.38	172.26 1.29 -96.98	227.91 1.27 -148.18	97.71 1.39 0.00	90.10 1.23 0.00
ALBANY___3 23573	47.91 0.55 19.85	14.04 0.42 53.03	39.17 0.52 26.17	48.36 0.67 10.78	64.40 0.63 8.32	65.88 -0.30 0.00	70.40 0.39 0.00	68.74 0.51 0.00	79.71 0.36 0.00	54.21 0.06 1.15	89.32 0.93 0.00	96.93 0.91 0.00	98.56 0.96 0.00	102.75 0.75 0.00	118.67 1.46 0.00	126.84 2.15 0.00	162.58 2.90 0.00	163.39 3.29 0.00	93.60 1.02 -45.63	107.77 1.16 -44.38	172.26 1.29 -96.98	227.91 1.27 -148.18	97.71 1.39 0.00	90.10 1.23 0.00
ALBANY___4 23574	47.91 0.55 19.85	14.04 0.42 53.03	39.17 0.52 26.17	48.36 0.67 10.78	64.40 0.63 8.32	65.88 -0.30 0.00	70.40 0.39 0.00	68.74 0.51 0.00	79.71 0.36 0.00	54.21 0.06 1.15	89.32 0.93 0.00	96.93 0.91 0.00	98.56 0.96 0.00	102.75 0.75 0.00	118.67 1.46 0.00	126.84 2.15 0.00	162.58 2.90 0.00	163.39 3.29 0.00	93.60 1.02 -45.63	107.77 1.16 -44.38	172.26 1.29 -96.98	227.91 1.27 -148.18	97.71 1.39 0.00	90.10 1.23 0.00
ALBANY___LFGE 323615	72.88 1.48 -4.19	79.09 1.27 -11.18	71.66 1.34 -5.52	62.13 1.39 -2.27	75.37 1.52 -1.76	66.63 0.45 0.00	71.12 1.11 0.00	69.49 1.26 0.00	80.62 1.28 0.00	54.91 0.72 1.10	90.62 2.23 0.00	98.44 2.43 0.00	100.15 2.56 0.00	104.48 2.48 0.00	120.71 3.50 0.00	129.08 4.40 0.00	165.48 5.80 0.00	166.22 6.12 0.00	114.04 1.84 -65.24	120.51 2.26 -56.03	199.00 2.58 -122.42	268.11 2.59 -187.05	99.25 2.94 0.00	91.39 2.53 0.00
ALCOA_PA_115KV_PL-6C 55860	67.05 -0.16 0.00	67.18 0.54 0.00	65.40 0.58 0.00	58.70 0.23 0.00	72.58 0.49 0.00	66.73 0.55 0.00	70.54 0.53 0.00	68.38 0.14 0.00	78.87 -0.47 0.00	54.73 -0.57 0.00	87.62 -0.77 0.00	94.57 -1.45 0.00	95.71 -1.88 0.00	100.18 -1.82 0.00	113.80 -3.41 0.00	119.81 -4.88 0.00	154.31 -5.37 0.00	154.69 -5.41 0.00	45.34 -1.62 0.00	60.47 -1.76 0.00	72.13 -1.87 0.00	76.58 -1.88 0.00	94.75 -1.56 0.00	88.29 -0.57 0.00
ALCOA_RYNLDS___DRP 24188	67.05 -0.16 0.00	67.18 0.54 0.00	65.40 0.58 0.00	58.70 0.23 0.00	72.58 0.49 0.00	66.73 0.55 0.00	70.54 0.53 0.00	68.38 0.14 0.00	78.87 -0.47 0.00	54.73 -0.57 0.00	87.62 -0.77 0.00	94.57 -1.45 0.00	95.71 -1.88 0.00	100.18 -1.82 0.00	113.80 -3.41 0.00	119.81 -4.88 0.00	154.31 -5.37 0.00	154.69 -5.41 0.00	45.34 -1.62 0.00	60.47 -1.76 0.00	72.13 -1.87 0.00	76.58 -1.88 0.00	94.75 -1.56 0.00	88.29 -0.57 0.00
ALCOA___DSASP 323711	67.05 -0.16 0.00	67.18 0.54 0.00	65.40 0.58 0.00	58.70 0.23 0.00	72.58 0.49 0.00	66.73 0.55 0.00	70.53 0.52 0.00	68.38 0.14 0.00	78.88 -0.47 0.00	54.73 -0.57 0.00	87.62 -0.78 0.00	94.57 -1.45 0.00	95.71 -1.88 0.00	100.18 -1.82 0.00	113.80 -3.41 0.00	119.82 -4.87 0.00	154.32 -5.37 0.00	154.70 -5.40 0.00	45.34 -1.62 0.00	60.47 -1.76 0.00	72.13 -1.87 0.00	76.58 -1.88 0.00	94.75 -1.56 0.00	88.30 -0.57 0.00
ALLEGHENY___COGEN 23514	69.58 2.37 0.00	66.80 0.16 0.00	64.08 -0.73 0.00	57.93 -0.55 0.00	71.56 -0.54 0.00	65.97 -0.20 0.00	69.54 -0.47 0.00	67.52 -0.71 0.00	78.27 -1.08 0.00	53.38 -1.91 0.00	82.05 -6.34 0.00	90.14 -5.87 0.00	91.29 -6.31 0.00	95.30 -6.70 0.00	110.69 -6.52 0.00	122.22 -2.47 0.00	158.32 -1.37 0.00	160.07 -0.03 0.00	46.69 -0.27 0.00	60.42 -1.81 0.00	72.06 -1.94 0.00	76.60 -1.87 0.00	92.61 -3.70 0.00	92.46 3.60 0.00
ALTAMONT_115KV_TB 2 55880	57.83 1.29 10.68	39.22 1.11 28.53	51.93 1.20 14.08	53.98 1.30 5.80	69.11 1.50 4.48	67.19 1.01 0.00	71.28 1.27 0.00	69.55 1.32 0.00	80.88 1.53 0.00	55.74 0.99 0.55	90.13 1.74 0.00	97.91 1.90 0.00	99.66 2.06 0.00	103.86 1.86 0.00	119.95 2.73 0.00	128.18 3.49 0.00	164.22 4.54 0.00	164.85 4.75 0.00	86.74 1.46 -38.32	99.90 1.85 -35.82	154.45 2.18 -78.27	200.28 2.22 -119.59	98.89 2.57 0.00	90.99 2.13 0.00
ALTONA_WT_PWR 323606	66.67 -0.55 0.00	66.69 0.05 0.00	65.08 0.27 0.00	58.41 -0.07 0.00	72.30 0.21 0.00	66.42 0.24 0.00	70.02 0.01 0.00	67.88 -0.35 0.00	78.59 -0.75 0.00	54.83 -0.46 0.00	87.42 -0.97 0.00	94.72 -1.30 0.00	96.23 -1.37 0.00	100.38 -1.62 0.00	114.28 -2.93 0.00	120.77 -3.92 0.00	155.48 -4.20 0.00	156.13 -3.97 0.00	45.97 -0.98 0.00	61.09 -1.14 0.00	72.64 -1.36 0.00	76.94 -1.53 0.00	94.69 -1.63 0.00	87.46 -1.41 0.00
AMERICAN_REF_FUEL 24010	66.46 -0.75 0.00	63.47 -3.18 0.00	60.74 -4.07 0.00	55.05 -3.42 0.00	68.49 -3.61 0.00	62.87 -3.31 0.00	65.28 -4.73 0.00	63.26 -4.97 0.00	74.90 -4.45 0.00	53.71 -1.58 0.00	86.53 -1.86 0.00	96.00 -0.02 0.00	96.31 -1.29 0.00	100.31 -1.69 0.00	115.83 -1.39 0.00	123.55 -1.13 0.00	157.92 -1.77 0.00	157.40 -2.70 0.00	45.86 -1.10 0.00	60.37 -1.86 0.00	71.56 -2.44 0.00	76.52 -1.95 0.00	94.62 -1.70 0.00	87.62 -1.24 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	68.88 1.67 0.00	65.92 -0.72 0.00	62.73 -2.08 0.00	56.93 -1.55 0.00	70.20 -1.90 0.00	64.20 -1.98 0.00	67.46 -2.55 0.00	66.19 -2.04 0.00	79.25 -0.09 0.00	56.68 1.39 0.00	91.55 3.16 0.00	100.37 4.35 0.00	100.80 3.20 0.00	105.11 3.11 0.00	122.18 4.97 0.00	131.10 6.41 0.00	165.98 6.29 0.00	165.07 4.97 0.00	46.60 -0.35 0.00	61.60 -0.63 0.00	73.85 -0.15 0.00	79.12 0.65 0.00	97.00 0.69 0.00	88.45 -0.41 0.00
ARTHUR KILL_GT_1 23520	71.33 2.99 -1.12	71.79 2.32 -2.83	68.53 2.24 -1.48	60.96 2.23 -0.26	70.37 2.41 4.14	60.96 2.29 7.50	67.24 2.56 5.33	57.72 2.52 13.03	80.21 4.02 3.16	58.99 3.70 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.49 6.89 0.00	108.56 6.56 0.00	126.50 9.29 0.00	136.13 11.44 0.00	173.91 14.23 0.00	174.03 13.93 0.00	60.86 3.90 -10.00	74.84 4.94 -7.67	97.64 5.79 -17.85	111.64 5.91 -27.27	102.86 6.54 -0.01	94.01 5.14 -0.01
ARTHUR_KILL_2 23512	71.04 2.71 -1.12	71.50 2.02 -2.83	68.26 1.98 -1.48	60.74 2.00 -0.26	70.05 2.09 4.14	60.67 2.00 7.50	66.87 2.20 5.33	57.41 2.21 13.03	79.66 3.47 3.16	58.74 3.45 0.00	93.72 5.33 0.00	102.12 6.10 0.00	104.02 6.43 0.00	107.92 5.92 0.01	125.90 8.69 0.00	135.53 10.84 0.00	173.13 13.45 0.00	173.21 13.12 0.01	60.60 3.64 -10.00	74.46 4.56 -7.67	97.23 5.38 -17.85	111.15 5.42 -27.27	102.34 6.02 -0.01	93.63 4.76 -0.01
ARTHUR_KILL_3 23513	71.06 2.72 -1.12	71.45 1.98 -2.83	68.13 1.85 -1.47	60.18 1.95 0.24	52.50 2.40 21.99	57.91 2.10 10.36	66.95 2.27 5.34	57.55 2.35 13.03	79.91 3.73 3.16	58.82 3.53 0.00	93.94 5.55 0.00	102.28 6.27 0.00	104.17 6.57 0.00	108.35 6.35 0.00	126.24 9.03 0.00	135.89 11.21 0.00	173.34 13.65 0.00	173.46 13.36 0.00	60.66 3.70 -10.01	72.56 4.53 -5.80	96.93 5.09 -17.84	110.88 5.15 -27.26	101.90 5.58 0.00	93.08 4.22 0.00

ARTHUR_KILL_COGEN 323718	71.33 2.99 -1.12	71.78 2.31 -2.83	68.53 2.24 -1.48	60.96 2.23 -0.26	70.33 2.38 4.14	60.94 2.26 7.50	67.17 2.49 5.33	57.69 2.49 13.03	80.02 3.83 3.16	58.99 3.70 0.00	94.15 5.76 0.00	102.57 6.56 0.00	104.48 6.88 0.00	108.42 6.42 0.01	126.49 9.28 0.00	136.15 11.46 0.00	173.93 14.25 0.00	174.04 13.95 0.01	60.84 3.88 -10.00	74.79 4.89 -7.67	97.67 5.82 -17.85	111.60 5.86 -27.27	102.86 6.54 -0.01	94.09 5.22 -0.01
ASHOKAN____ 23654	56.00 3.68 14.89	30.39 3.52 39.77	48.30 3.11 19.62	53.23 2.84 8.09	69.37 3.52 6.24	68.81 2.63 0.00	73.08 3.07 0.00	71.53 3.30 0.00	83.56 4.21 0.00	57.82 3.08 0.56	93.28 4.89 0.00	101.45 5.44 0.00	103.41 5.81 0.00	108.08 6.08 0.00	125.00 7.78 0.00	134.28 9.59 0.00	173.77 14.08 0.00	175.44 15.35 0.00	76.68 4.23 -25.50	93.22 5.46 -25.53	135.90 6.11 -55.78	169.86 6.15 -85.24	104.02 7.71 0.00	94.95 6.09 0.00
ASTORIA_EAST_ENERGY_CC1 323581	71.56 3.21 -1.13	72.15 2.49 -3.01	68.68 2.37 -1.49	61.50 2.41 -0.62	75.26 2.69 -0.48	68.48 2.29 -0.01	72.49 2.47 -0.01	70.74 2.50 -0.01	83.06 3.70 -0.01	59.02 3.73 0.00	94.06 5.66 -0.01	102.33 6.30 -0.01	104.19 6.58 -0.01	108.26 6.25 -0.01	126.22 9.00 -0.01	135.86 11.16 -0.01	173.40 13.71 -0.01	173.52 13.41 -0.01	60.70 3.73 -10.02	74.93 4.53 -8.17	96.91 5.06 -17.85	110.78 5.05 -27.27	101.87 5.54 -0.01	93.19 4.32 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	71.56 3.21 -1.13	72.15 2.49 -3.01	68.68 2.37 -1.49	61.50 2.41 -0.62	75.26 2.69 -0.48	68.48 2.29 -0.01	72.49 2.47 -0.01	70.74 2.50 -0.01	83.06 3.70 -0.01	59.02 3.73 0.00	94.06 5.66 -0.01	102.33 6.30 -0.01	104.19 6.58 -0.01	108.26 6.25 -0.01	126.22 9.00 -0.01	135.86 11.16 -0.01	173.40 13.71 -0.01	173.52 13.41 -0.01	60.70 3.73 -10.02	74.93 4.53 -8.17	96.91 5.06 -17.85	110.78 5.05 -27.27	101.87 5.54 -0.01	93.19 4.32 -0.01
ASTORIA_GT2_1 24094	71.61 3.26 -1.13	72.18 2.52 -3.01	68.70 2.40 -1.49	61.54 2.45 -0.62	75.33 2.76 -0.48	68.54 2.36 -0.01	72.59 2.57 -0.01	70.81 2.57 -0.01	83.26 3.90 -0.01	59.03 3.74 0.00	94.11 5.71 0.00	102.36 6.34 -0.01	104.25 6.64 -0.01	108.38 6.36 -0.02	126.28 9.07 0.00	135.90 11.22 0.00	173.44 13.75 0.00	173.60 13.49 -0.01	60.74 3.78 -10.01	74.99 4.59 -8.17	96.96 5.11 -17.85	110.86 5.13 -27.27	101.95 5.63 -0.01	93.27 4.40 -0.01
ASTORIA_GT2_2 24095	71.61 3.26 -1.13	72.18 2.52 -3.01	68.70 2.40 -1.49	61.54 2.45 -0.62	75.33 2.76 -0.48	68.54 2.36 -0.01	72.59 2.57 -0.01	70.81 2.57 -0.01	83.26 3.90 -0.01	59.03 3.74 0.00	94.11 5.71 0.00	102.36 6.34 -0.01	104.25 6.64 -0.01	108.38 6.36 -0.02	126.28 9.07 0.00	135.90 11.22 0.00	173.44 13.75 0.00	173.60 13.49 -0.01	60.74 3.78 -10.01	74.99 4.59 -8.17	96.96 5.11 -17.85	110.86 5.13 -27.27	101.95 5.63 -0.01	93.27 4.40 -0.01
ASTORIA_GT2_3 24096	71.61 3.26 -1.13	72.18 2.52 -3.01	68.70 2.40 -1.49	61.54 2.45 -0.62	75.33 2.76 -0.48	68.54 2.36 -0.01	72.59 2.57 -0.01	70.81 2.57 -0.01	83.26 3.90 -0.01	59.03 3.74 0.00	94.11 5.71 0.00	102.36 6.34 -0.01	104.25 6.64 -0.01	108.38 6.36 -0.02	126.28 9.07 0.00	135.90 11.22 0.00	173.44 13.75 0.00	173.60 13.49 -0.01	60.74 3.78 -10.01	74.99 4.59 -8.17	96.96 5.11 -17.85	110.86 5.13 -27.27	101.95 5.63 -0.01	93.27 4.40 -0.01
ASTORIA_GT2_4 24097	71.61 3.26 -1.13	72.18 2.52 -3.01	68.70 2.40 -1.49	61.54 2.45 -0.62	75.33 2.76 -0.48	68.54 2.36 -0.01	72.59 2.57 -0.01	70.81 2.57 -0.01	83.26 3.90 -0.01	59.03 3.74 0.00	94.11 5.71 0.00	102.36 6.34 -0.01	104.25 6.64 -0.01	108.38 6.36 -0.02	126.28 9.07 0.00	135.90 11.22 0.00	173.44 13.75 0.00	173.60 13.49 -0.01	60.74 3.78 -10.01	74.99 4.59 -8.17	96.96 5.11 -17.85	110.86 5.13 -27.27	101.95 5.63 -0.01	93.27 4.40 -0.01
ASTORIA_GT3_1 24098	71.61 3.26 -1.13	72.18 2.52 -3.01	68.70 2.40 -1.49	61.54 2.45 -0.62	75.33 2.76 -0.48	68.54 2.36 -0.01	72.59 2.57 -0.01	70.81 2.57 -0.01	83.26 3.90 -0.01	59.03 3.74 0.00	94.11 5.71 0.00	102.36 6.34 -0.01	104.25 6.64 -0.01	108.38 6.36 -0.02	126.28 9.07 0.00	135.90 11.22 0.00	173.44 13.75 0.00	173.60 13.49 -0.01	60.74 3.78 -10.01	74.99 4.59 -8.17	96.96 5.11 -17.85	110.86 5.13 -27.27	101.95 5.63 -0.01	93.27 4.40 -0.01
ASTORIA_GT3_2 24099	71.61 3.26 -1.13	72.18 2.52 -3.01	68.70 2.40 -1.49	61.54 2.45 -0.62	75.33 2.76 -0.48	68.54 2.36 -0.01	72.59 2.57 -0.01	70.81 2.57 -0.01	83.26 3.90 -0.01	59.03 3.74 0.00	94.11 5.71 0.00	102.36 6.34 -0.01	104.25 6.64 -0.01	108.38 6.36 -0.02	126.28 9.07 0.00	135.90 11.22 0.00	173.44 13.75 0.00	173.60 13.49 -0.01	60.74 3.78 -10.01	74.99 4.59 -8.17	96.96 5.11 -17.85	110.86 5.13 -27.27	101.95 5.63 -0.01	93.27 4.40 -0.01
ASTORIA_GT3_3 24100	71.61 3.26 -1.13	72.18 2.52 -3.01	68.70 2.40 -1.49	61.54 2.45 -0.62	75.33 2.76 -0.48	68.54 2.36 -0.01	72.59 2.57 -0.01	70.81 2.57 -0.01	83.26 3.90 -0.01	59.03 3.74 0.00	94.11 5.71 0.00	102.36 6.34 -0.01	104.25 6.64 -0.01	108.38 6.36 -0.02	126.28 9.07 0.00	135.90 11.22 0.00	173.44 13.75 0.00	173.60 13.49 -0.01	60.74 3.78 -10.01	74.99 4.59 -8.17	96.96 5.11 -17.85	110.86 5.13 -27.27	101.95 5.63 -0.01	93.27 4.40 -0.01
ASTORIA_GT3_4 24101	71.61 3.26 -1.13	72.18 2.52 -3.01	68.70 2.40 -1.49	61.54 2.45 -0.62	75.33 2.76 -0.48	68.54 2.36 -0.01	72.59 2.57 -0.01	70.81 2.57 -0.01	83.26 3.90 -0.01	59.03 3.74 0.00	94.11 5.71 0.00	102.36 6.34 -0.01	104.25 6.64 -0.01	108.38 6.36 -0.02	126.28 9.07 0.00	135.90 11.22 0.00	173.44 13.75 0.00	173.60 13.49 -0.01	60.74 3.78 -10.01	74.99 4.59 -8.17	96.96 5.11 -17.85	110.86 5.13 -27.27	101.95 5.63 -0.01	93.27 4.40 -0.01
ASTORIA_GT4_1 24102	71.61 3.26 -1.13	72.18 2.52 -3.01	68.70 2.40 -1.49	61.54 2.45 -0.62	75.33 2.76 -0.48	68.54 2.36 -0.01	72.59 2.57 -0.01	70.81 2.57 -0.01	83.26 3.90 -0.01	59.03 3.74 0.00	94.11 5.71 0.00	102.36 6.34 -0.01	104.25 6.64 -0.01	108.38 6.36 -0.02	126.28 9.07 0.00	135.90 11.22 0.00	173.44 13.75 0.00	173.60 13.49 -0.01	60.74 3.78 -10.01	74.99 4.59 -8.17	96.96 5.11 -17.85	110.86 5.13 -27.27	101.95 5.63 -0.01	93.27 4.40 -0.01
ASTORIA_GT4_2 24103	71.61 3.26 -1.13	72.18 2.52 -3.01	68.70 2.40 -1.49	61.54 2.45 -0.62	75.33 2.76 -0.48	68.54 2.36 -0.01	72.59 2.57 -0.01	70.81 2.57 -0.01	83.26 3.90 -0.01	59.03 3.74 0.00	94.11 5.71 0.00	102.36 6.34 -0.01	104.25 6.64 -0.01	108.38 6.36 -0.02	126.28 9.07 0.00	135.90 11.22 0.00	173.44 13.75 0.00	173.60 13.49 -0.01	60.74 3.78 -10.01	74.99 4.59 -8.17	96.96 5.11 -17.85	110.86 5.13 -27.27	101.95 5.63 -0.01	93.27 4.40 -0.01
ASTORIA_GT4_3 24104	71.61 3.26 -1.13	72.18 2.52 -3.01	68.70 2.40 -1.49	61.54 2.45 -0.62	75.33 2.76 -0.48	68.54 2.36 -0.01	72.59 2.57 -0.01	70.81 2.57 -0.01	83.26 3.90 -0.01	59.03 3.74 0.00	94.11 5.71 0.00	102.36 6.34 -0.01	104.25 6.64 -0.01	108.38 6.36 -0.02	126.28 9.07 0.00	135.90 11.22 0.00	173.44 13.75 0.00	173.60 13.49 -0.01	60.74 3.78 -10.01	74.99 4.59 -8.17	96.96 5.11 -17.85	110.86 5.13 -27.27	101.95 5.63 -0.01	93.27 4.40 -0.01

ASTORIA_GT4_4 24105	71.61 3.26 -1.13	72.18 2.52 -3.01	68.70 2.40 -1.49	61.54 2.45 -0.62	75.33 2.76 -0.48	68.54 2.36 -0.01	72.59 2.57 -0.01	70.81 2.57 -0.01	83.26 3.90 -0.01	59.03 3.74 0.00	94.11 5.71 0.00	102.36 6.34 -0.01	104.25 6.64 -0.01	108.38 6.36 -0.02	126.28 9.07 0.00	135.90 11.22 0.00	173.44 13.75 0.00	173.60 13.49 -0.01	60.74 3.78 -10.01	74.99 4.59 -8.17	96.96 5.11 -17.85	110.86 5.13 -27.27	101.95 5.63 -0.01	93.27 4.40 -0.01
ASTORIA_GT_1 23523	71.77 3.43 -1.13	72.35 2.70 -3.01	68.86 2.56 -1.49	61.67 2.58 -0.62	75.49 2.91 -0.48	68.69 2.50 -0.01	72.76 2.74 -0.01	70.98 2.74 -0.01	83.47 4.11 -0.01	59.21 3.92 0.00	94.37 5.98 0.00	102.69 6.67 -0.01	104.57 6.97 -0.01	108.70 6.68 -0.02	126.67 9.46 0.00	136.33 11.64 0.00	173.96 14.27 0.00	174.09 13.99 -0.01	60.88 3.92 -10.01	75.17 4.77 -8.17	97.18 5.33 -17.85	111.07 5.34 -27.27	102.21 5.89 -0.01	93.52 4.65 -0.01
ASTORIA_GT_10 24110	56.72 2.81 13.30	57.38 2.12 11.39	54.70 2.00 12.12	56.34 2.08 4.21	56.19 2.38 18.28	55.35 2.05 12.88	56.19 2.28 16.10	56.62 2.30 13.91	71.03 3.59 11.91	58.74 3.44 0.00	93.66 5.27 0.00	101.91 5.90 0.00	103.21 6.18 0.57	107.94 5.94 0.00	125.75 8.54 0.00	135.33 10.65 0.00	172.70 13.02 0.00	172.79 12.69 0.00	58.97 3.56 -8.46	60.37 4.35 6.20	82.46 4.92 -3.54	84.83 4.94 -1.42	84.81 5.36 16.86	72.93 4.07 20.00
ASTORIA_GT_11 24225	56.72 2.81 13.30	57.38 2.12 11.39	54.70 2.00 12.12	56.34 2.08 4.21	56.19 2.38 18.28	55.35 2.05 12.88	56.19 2.28 16.10	56.62 2.30 13.91	71.03 3.59 11.91	58.74 3.44 0.00	93.66 5.27 0.00	101.91 5.90 0.00	103.21 6.18 0.57	107.94 5.94 0.00	125.75 8.54 0.00	135.33 10.65 0.00	172.70 13.02 0.00	172.79 12.69 0.00	58.97 3.56 -8.46	60.37 4.35 6.20	82.46 4.92 -3.54	84.83 4.94 -1.42	84.81 5.36 16.86	72.93 4.07 20.00
ASTORIA_GT_12 24226	56.72 2.81 13.30	57.38 2.12 11.39	54.70 2.00 12.12	56.34 2.08 4.21	56.19 2.38 18.28	55.35 2.05 12.88	56.19 2.28 16.10	56.62 2.30 13.91	71.03 3.59 11.91	58.74 3.44 0.00	93.66 5.27 0.00	101.91 5.90 0.00	103.21 6.18 0.57	107.94 5.94 0.00	125.75 8.54 0.00	135.33 10.65 0.00	172.70 13.02 0.00	172.79 12.69 0.00	58.97 3.56 -8.46	60.37 4.35 6.20	82.46 4.92 -3.54	84.83 4.94 -1.42	84.81 5.36 16.86	72.93 4.07 20.00
ASTORIA_GT_13 24227	56.72 2.81 13.30	57.38 2.12 11.39	54.70 2.00 12.12	56.34 2.08 4.21	56.19 2.38 18.28	55.35 2.05 12.88	56.19 2.28 16.10	56.62 2.30 13.91	71.03 3.59 11.91	58.74 3.44 0.00	93.66 5.27 0.00	101.91 5.90 0.00	103.21 6.18 0.57	107.94 5.94 0.00	125.75 8.54 0.00	135.33 10.65 0.00	172.70 13.02 0.00	172.79 12.69 0.00	58.97 3.56 -8.46	60.37 4.35 6.20	82.46 4.92 -3.54	84.83 4.94 -1.42	84.81 5.36 16.86	72.93 4.07 20.00
ASTORIA_GT_5 24106	71.77 3.43 -1.13	72.35 2.70 -3.01	68.86 2.56 -1.49	61.67 2.58 -0.62	75.49 2.91 -0.48	68.69 2.50 -0.01	72.76 2.74 -0.01	70.98 2.74 -0.01	83.47 4.11 -0.01	59.21 3.92 0.00	94.37 5.98 0.00	102.69 6.67 -0.01	104.57 6.97 -0.01	108.70 6.68 -0.02	126.67 9.46 0.00	136.33 11.64 0.00	173.96 14.27 0.00	174.09 13.99 -0.01	60.88 3.92 -10.01	75.17 4.77 -8.17	97.18 5.33 -17.85	111.07 5.34 -27.27	102.21 5.89 -0.01	93.52 4.65 -0.01
ASTORIA_GT_7 24107	71.77 3.43 -1.13	72.35 2.70 -3.01	68.86 2.56 -1.49	61.67 2.58 -0.62	75.49 2.91 -0.48	68.69 2.50 -0.01	72.76 2.74 -0.01	70.98 2.74 -0.01	83.47 4.11 -0.01	59.21 3.92 0.00	94.37 5.98 0.00	102.69 6.67 -0.01	104.57 6.97 -0.01	108.70 6.68 -0.02	126.67 9.46 0.00	136.33 11.64 0.00	173.96 14.27 0.00	174.09 13.99 -0.01	60.88 3.92 -10.01	75.17 4.77 -8.17	97.18 5.33 -17.85	111.07 5.34 -27.27	102.21 5.89 -0.01	93.52 4.65 -0.01
ASTORIA_GT_8 24108	71.77 3.43 -1.13	72.35 2.70 -3.01	68.86 2.56 -1.49	61.67 2.58 -0.62	75.49 2.91 -0.48	68.69 2.50 -0.01	72.76 2.74 -0.01	70.98 2.74 -0.01	83.47 4.11 -0.01	59.21 3.92 0.00	94.37 5.98 0.00	102.69 6.67 -0.01	104.57 6.97 -0.01	108.70 6.68 -0.02	126.67 9.46 0.00	136.33 11.64 0.00	173.96 14.27 0.00	174.09 13.99 -0.01	60.88 3.92 -10.01	75.17 4.77 -8.17	97.18 5.33 -17.85	111.07 5.34 -27.27	102.21 5.89 -0.01	93.52 4.65 -0.01
ASTORIA___2 24149	71.60 3.26 -1.13	72.18 2.52 -3.01	68.70 2.40 -1.49	61.54 2.45 -0.62	75.30 2.73 -0.48	68.51 2.32 -0.01	72.52 2.50 -0.01	70.78 2.55 -0.01	83.07 3.72 -0.01	59.04 3.75 0.00	94.10 5.70 -0.01	102.38 6.36 -0.01	104.24 6.64 -0.01	108.33 6.32 -0.01	126.28 9.06 -0.01	135.89 11.20 -0.01	173.44 13.75 -0.01	173.60 13.49 -0.01	60.73 3.76 -10.02	74.95 4.55 -8.17	96.96 5.11 -17.85	110.84 5.11 -27.27	101.95 5.62 -0.01	93.26 4.39 -0.01
ASTORIA___3 23516	56.73 2.82 13.30	57.37 2.11 11.39	54.69 1.99 12.12	56.34 2.08 4.21	56.16 2.35 18.28	55.32 2.03 12.88	56.13 2.22 16.10	56.59 2.27 13.91	70.87 3.43 11.91	58.74 3.44 0.00	93.64 5.25 0.00	101.91 5.90 0.00	103.20 6.18 0.58	107.85 5.86 0.01	125.75 8.54 0.00	135.33 10.64 0.00	172.70 13.02 0.00	172.77 12.68 0.01	58.95 3.54 -8.45	60.34 4.32 6.20	82.44 4.91 -3.54	84.80 4.92 -1.42	84.79 5.33 16.86	72.92 4.06 20.00
ASTORIA___4 23517	56.72 2.81 13.30	57.38 2.12 11.39	54.70 2.00 12.12	56.34 2.08 4.21	56.19 2.38 18.28	55.34 2.05 12.88	56.19 2.28 16.10	56.62 2.30 13.91	71.03 3.59 11.91	58.74 3.44 0.00	93.66 5.27 0.00	101.90 5.89 0.00	103.20 6.17 0.57	107.93 5.93 0.00	125.75 8.54 0.00	135.33 10.64 0.00	172.70 13.02 0.00	172.79 12.69 0.00	58.96 3.55 -8.46	60.37 4.35 6.20	82.46 4.92 -3.54	84.83 4.94 -1.42	84.81 5.36 16.86	72.93 4.07 20.00
ASTORIA___5 23518	56.73 2.82 13.30	57.37 2.11 11.39	54.69 1.99 12.12	56.34 2.08 4.21	56.16 2.35 18.28	55.32 2.03 12.88	56.13 2.22 16.10	56.59 2.27 13.91	70.87 3.43 11.91	58.74 3.44 0.00	93.64 5.25 0.00	101.91 5.90 0.00	103.20 6.18 0.58	107.85 5.86 0.01	125.75 8.54 0.00	135.33 10.64 0.00	172.70 13.02 0.00	172.77 12.68 0.01	58.95 3.54 -8.45	60.34 4.32 6.20	82.44 4.91 -3.54	84.80 4.92 -1.42	84.79 5.33 16.86	72.92 4.06 20.00
AST_ENERGY_2_CC3 323677	71.35 3.02 -1.12	71.95 2.30 -3.00	68.46 2.17 -1.48	61.31 2.23 -0.61	75.27 2.70 -0.47	68.56 2.38 0.00	72.68 2.67 0.00	70.94 2.71 0.00	83.44 4.10 0.00	59.00 3.70 0.00	94.28 5.89 0.00	102.60 6.58 0.00	104.53 6.93 0.00	108.74 6.74 0.00	126.67 9.46 0.00	136.27 11.59 0.00	173.83 14.14 0.00	173.96 13.86 0.00	60.85 3.89 -10.01	75.20 4.80 -8.16	97.25 5.40 -17.84	111.20 5.47 -27.26	102.29 5.97 0.00	93.48 4.62 0.00
AST_ENERGY_2_CC4 323678	71.35 3.02 -1.12	71.95 2.30 -3.00	68.46 2.17 -1.48	61.31 2.23 -0.61	75.27 2.70 -0.47	68.56 2.38 0.00	72.68 2.67 0.00	70.94 2.71 0.00	83.44 4.10 0.00	59.00 3.70 0.00	94.28 5.89 0.00	102.60 6.58 0.00	104.53 6.93 0.00	108.74 6.74 0.00	126.67 9.46 0.00	136.27 11.59 0.00	173.83 14.14 0.00	173.96 13.86 0.00	60.85 3.89 -10.01	75.20 4.80 -8.16	97.25 5.40 -17.84	111.20 5.47 -27.26	102.29 5.97 0.00	93.48 4.62 0.00

ATHENS_STG_1 23668	68.80	67.99	66.29	60.11	74.02	67.79	71.70	70.02	81.72	57.05	91.18	99.06	100.86	104.92	121.40	129.86	166.13	166.53	56.18	70.91	90.61	102.48	99.48	91.39
	1.59	1.34	1.48	1.63	1.92	1.62	1.69	1.79	2.37	1.76	2.78	3.05	3.27	2.92	4.19	5.17	6.45	6.44	1.88	2.32	2.71	2.77	3.17	2.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.35	-6.37	-13.90	-21.25	0.00	0.00
ATHENS_STG_2 23670	68.80	67.99	66.29	60.11	74.02	67.79	71.70	70.02	81.72	57.05	91.18	99.06	100.86	104.92	121.40	129.86	166.13	166.53	56.18	70.91	90.61	102.48	99.48	91.39
	1.59	1.34	1.48	1.63	1.92	1.62	1.69	1.79	2.37	1.76	2.78	3.05	3.27	2.92	4.19	5.17	6.45	6.44	1.88	2.32	2.71	2.77	3.17	2.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.35	-6.37	-13.90	-21.25	0.00	0.00
ATHENS_STG_3 23677	68.80	67.99	66.29	60.11	74.02	67.79	71.70	70.02	81.72	57.05	91.18	99.06	100.86	104.92	121.40	129.86	166.13	166.53	56.18	70.91	90.61	102.48	99.48	91.39
	1.59	1.34	1.48	1.63	1.92	1.62	1.69	1.79	2.37	1.76	2.78	3.05	3.27	2.92	4.19	5.17	6.45	6.44	1.88	2.32	2.71	2.77	3.17	2.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.35	-6.37	-13.90	-21.25	0.00	0.00
AUBURN____LFGE 323710	68.28	66.80	64.87	58.76	74.04	66.76	70.25	68.38	80.81	55.95	89.11	97.73	99.14	103.69	120.11	128.07	164.13	164.53	48.14	64.01	76.03	80.62	98.19	89.90
	1.06	0.16	0.01	0.22	-0.01	0.17	0.04	0.15	0.42	0.65	0.72	1.71	1.54	1.69	2.90	3.39	4.45	4.43	1.18	1.78	2.03	2.15	1.87	1.04
	0.00	0.00	-0.04	-0.07	-1.95	-0.41	-0.21	0.00	-1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BABYLON_RES_REC 323704	71.78	73.25	69.78	62.36	76.47	69.94	73.57	71.72	85.73	60.01	101.38	110.75	108.12	112.12	128.92	140.68	193.98	199.79	129.03	124.47	123.60	113.50	103.64	110.74
	3.44	3.60	3.49	3.28	3.90	3.76	3.56	3.49	5.29	4.24	7.30	6.53	6.72	6.69	9.48	11.98	14.43	14.34	4.40	5.58	6.10	5.95	6.99	6.59
	-1.13	-3.00	-1.48	-0.61	-0.47	0.00	0.00	0.00	-1.10	-0.48	-5.69	-8.21	-3.80	-3.43	-2.23	-4.02	-19.87	-25.35	-77.68	-56.66	-43.50	-29.08	-0.34	-15.28
BALL_HILL_WT_PWR 323825	67.98	65.16	62.27	56.51	69.89	64.15	67.10	65.29	77.67	55.51	89.45	98.69	99.17	103.32	120.09	128.56	163.71	163.17	47.05	62.13	73.81	78.80	96.74	88.75
	0.77	-1.49	-2.54	-1.97	-2.20	-2.02	-2.91	-2.94	-1.68	0.22	1.06	2.67	1.58	1.32	2.88	3.87	4.02	3.07	0.10	-0.10	-0.19	0.33	0.43	-0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARON_WINDS____WT_PWR 323822	67.17	64.93	62.27	56.46	70.19	64.26	67.68	65.78	77.90	55.13	88.39	96.70	97.48	101.45	118.65	127.83	162.04	162.81	50.12	64.78	77.97	85.51	95.66	87.57
	-0.05	-1.71	-2.56	-2.04	-2.44	-2.03	-2.39	-2.45	-1.73	-0.16	0.00	0.69	-0.12	-0.55	1.44	3.14	2.36	2.71	0.57	0.30	-0.94	-0.46	-0.65	-1.29
	0.00	0.00	-0.01	-0.02	-0.54	-0.11	-0.06	0.00	-0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.60	-2.25	-4.91	-7.51	0.00	0.00
BARRETT_IC_1 23704	71.89	73.14	69.70	62.30	76.32	69.75	73.30	71.32	85.10	59.67	95.38	102.34	104.64	108.38	127.13	140.54	190.39	211.65	314.25	261.10	103.44	111.21	102.46	98.12
	3.55	3.48	3.40	3.21	3.76	3.58	3.29	3.09	4.65	3.90	6.37	6.05	6.39	6.37	9.13	11.30	13.66	13.55	4.08	5.15	5.65	5.47	6.14	5.44
	-1.13	-3.01	-1.48	-0.61	-0.47	0.00	0.00	0.00	-1.10	-0.48	-0.62	-0.28	-0.65	-0.01	-0.80	-4.56	-17.05	-38.00	-263.22	-193.72	-23.79	-27.27	0.00	-3.82
BARRETT_IC_10 23701	71.89	73.14	69.70	62.30	76.32	69.75	73.30	71.32	85.10	59.67	95.38	102.34	104.63	108.37	127.13	140.53	190.39	203.30	314.25	261.10	103.44	111.21	102.46	98.12
	3.55	3.48	3.40	3.21	3.76	3.58	3.29	3.09	4.65	3.90	6.37	6.05	6.39	6.37	9.13	11.30	13.66	13.55	4.08	5.15	5.65	5.47	6.14	5.44
	-1.13	-3.01	-1.48	-0.61	-0.47	0.00	0.00	0.00	-1.10	-0.48	-0.62	-0.28	-0.64	-0.01	-0.80	-4.55	-17.05	-29.65	-263.22	-193.72	-23.79	-27.27	0.00	-3.82
BARRETT_IC_11 23702	71.89	73.14	69.70	62.30	76.32	69.75	73.30	71.32	85.10	59.67	95.38	102.34	104.63	108.37	127.13	140.53	190.39	203.30	314.25	261.10	103.44	111.21	102.46	98.12
	3.55	3.48	3.40	3.21	3.76	3.58	3.29	3.09	4.65	3.90	6.37	6.05	6.39	6.37	9.13	11.30	13.66	13.55	4.08	5.15	5.65	5.47	6.14	5.44
	-1.13	-3.01	-1.48	-0.61	-0.47	0.00	0.00	0.00	-1.10	-0.48	-0.62	-0.28	-0.64	-0.01	-0.80	-4.55	-17.05	-29.65	-263.22	-193.72	-23.79	-27.27	0.00	-3.82
BARRETT_IC_12 23703	71.89	73.14	69.70	62.30	76.32	69.75	73.30	71.32	85.10	59.67	95.38	102.34	104.63	108.37	127.13	140.53	190.39	203.30	314.25	261.10	103.44	111.21	102.46	98.12
	3.55	3.48	3.40	3.21	3.76	3.58	3.29	3.09	4.65	3.90	6.37	6.05	6.39	6.37	9.13	11.30	13.66	13.55	4.08	5.15	5.65	5.47	6.14	5.44
	-1.13	-3.01	-1.48	-0.61	-0.47	0.00	0.00	0.00	-1.10	-0.48	-0.62	-0.28	-0.64	-0.01	-0.80	-4.55	-17.05	-29.65	-263.22	-193.72	-23.79	-27.27	0.00	-3.82
BARRETT_IC_2 23705	71.89	73.14	69.70	62.30	76.32	69.75	73.30	71.32	85.10	59.67	95.38	102.34	104.64	108.38	127.13	140.54	190.39	211.65	314.25	261.10	103.44	111.21	102.46	98.12
	3.55	3.48	3.40	3.21	3.76	3.58	3.29	3.09	4.65	3.90	6.37	6.05	6.39	6.37	9.13	11.30	13.66	13.55	4.08	5.15	5.65	5.47	6.14	5.44
	-1.13	-3.01	-1.48	-0.61	-0.47	0.00	0.00	0.00	-1.10	-0.48	-0.62	-0.28	-0.65	-0.01	-0.80	-4.56	-17.05	-38.00	-263.22	-193.72	-23.79	-27.27	0.00	-3.82
BARRETT_IC_3 23706	71.89	73.14	69.70	62.30	76.32	69.75	73.30	71.32	85.10	59.67	95.38	102.34	104.64	108.38	127.13	140.54	190.39	211.65	314.25	261.10	103.44	111.21	102.46	98.12
	3.55	3.48	3.40	3.21	3.76	3.58	3.29	3.09	4.65	3.90	6.37	6.05	6.39	6.37	9.13	11.30	13.66	13.55	4.08	5.15	5.65	5.47	6.14	5.44
	-1.13	-3.01	-1.48	-0.61	-0.47	0.00	0.00	0.00	-1.10	-0.48	-0.62	-0.28	-0.65	-0.01	-0.80	-4.56	-17.05	-38.00	-263.22	-193.72	-23.79	-27.27	0.00	-3.82
BARRETT_IC_4 23707	71.89	73.14	69.70	62.30	76.32	69.75	73.30	71.32	85.10	59.67	95.38	102.34	104.64	108.38	127.13	140.54	190.39	211.65	314.25	261.10	103.44	111.21	102.46	98.12
	3.55	3.48	3.40	3.21	3.76	3.58	3.29	3.09	4.65	3.90	6.37	6.05	6.39	6.37	9.13	11.30	13.66	13.55	4.08	5.15	5.65	5.47	6.14	5.44
	-1.13	-3.01	-1.48	-0.61	-0.47	0.00	0.00	0.00	-1.10	-0.48	-0.62	-0.28	-0.65	-0.01	-0.80	-4.56	-17.05	-38.00	-263.22	-193.72	-23.79	-27.27	0.00	-3.82
BARRETT_IC_5 23708	71.89	73.14	69.70	62.30	76.32	69.75	73.30	71.32	85.10	59.67	95.38	102.34	104.64	108.38	127.13	140.54	190.39	211.65	314.25	261.10	103.44	111.21	102.46	98.12
	3.55	3.48	3.40	3.21	3.76	3.58	3.29	3.09	4.65	3.90	6.37	6.05	6.39	6.37	9.13	11.30	13.66	13.55	4.08	5.15	5.65	5.47	6.14	5.44
	-1.13	-3.01	-1.48	-0.61	-0.47	0.00	0.00	0.00	-1.10	-0.48	-0.62	-0.28	-0.65	-0.01	-0.80	-4.56	-17.05	-38.00	-263.22	-193.72	-23.79	-27.27	0.00	-3.82

BARRETT_IC_6 23709	71.89 3.55 -1.13	73.14 3.48 -3.01	69.70 3.40 -1.48	62.30 3.21 -0.61	76.32 3.76 -0.47	69.75 3.58 0.00	73.30 3.29 0.00	71.32 3.09 0.00	85.10 4.65 -1.10	59.67 3.90 -0.48	95.38 6.37 -0.62	102.34 6.05 -0.28	104.64 6.39 -0.65	108.38 6.37 -0.01	127.13 9.13 -0.80	140.54 11.30 -4.56	190.39 13.66 -17.05	211.65 13.55 -38.00	314.25 4.08 -263.22	261.10 5.15 -193.72	103.44 5.65 -23.79	111.21 5.47 -27.27	102.46 6.14 0.00	98.12 5.44 -3.82
BARRETT_IC_7 23710	71.89 3.55 -1.13	73.13 3.48 -3.00	69.70 3.40 -1.48	62.30 3.22 -0.61	76.32 3.76 -0.47	69.75 3.58 0.00	73.31 3.30 0.00	71.32 3.09 0.00	85.16 4.71 -1.10	59.68 3.91 -0.48	95.37 6.36 -0.61	102.33 6.04 -0.27	104.64 6.39 -0.65	108.36 6.37 0.00	127.14 9.14 -0.79	140.57 11.34 -4.55	190.39 13.67 -17.04	211.65 13.55 -38.00	314.26 4.08 -263.22	261.12 5.16 -193.72	103.43 5.65 -23.78	111.20 5.47 -27.27	102.48 6.16 0.00	98.14 5.47 -3.81
BARRETT_IC_8 23711	71.89 3.55 -1.13	73.14 3.48 -3.01	69.70 3.40 -1.48	62.30 3.21 -0.61	76.32 3.76 -0.47	69.75 3.58 0.00	73.30 3.29 0.00	71.32 3.09 0.00	85.10 4.65 -1.10	59.67 3.90 -0.48	95.38 6.37 -0.62	102.34 6.05 -0.28	104.64 6.39 -0.65	108.38 6.37 -0.01	127.13 9.13 -0.80	140.54 11.30 -4.56	190.39 13.66 -17.05	211.65 13.55 -38.00	314.25 4.08 -263.22	261.10 5.15 -193.72	103.44 5.65 -23.79	111.21 5.47 -27.27	102.46 6.14 0.00	98.12 5.44 -3.82
BARRETT_IC_9 23700	71.89 3.55 -1.13	73.14 3.48 -3.01	69.70 3.40 -1.48	62.30 3.21 -0.61	76.32 3.76 -0.47	69.75 3.58 0.00	73.30 3.29 0.00	71.32 3.09 0.00	85.10 4.65 -1.10	59.67 3.90 -0.48	95.38 6.37 -0.62	102.34 6.05 -0.28	104.63 6.39 -0.64	108.37 6.37 -0.01	127.13 9.13 -0.80	140.53 11.30 -4.55	190.39 13.66 -17.05	203.30 13.55 -29.65	314.25 4.08 -263.22	261.10 5.15 -193.72	103.44 5.65 -23.79	111.21 5.47 -27.27	102.46 6.14 0.00	98.12 5.44 -3.82
BARRETT___1 23545	71.89 3.55 -1.13	73.14 3.48 -3.01	69.70 3.40 -1.48	62.30 3.21 -0.61	76.32 3.76 -0.47	69.75 3.58 0.00	73.30 3.29 0.00	71.32 3.09 0.00	85.10 4.65 -1.10	59.67 3.90 -0.48	95.38 6.37 -0.62	102.34 6.05 -0.28	104.64 6.39 -0.65	108.38 6.37 -0.01	127.13 9.13 -0.80	140.54 11.30 -4.56	190.39 13.66 -17.05	211.65 13.55 -38.00	314.25 4.08 -263.22	261.10 5.15 -193.72	103.44 5.65 -23.79	111.21 5.47 -27.27	102.46 6.14 0.00	98.12 5.44 -3.82
BARRETT___2 23546	71.89 3.55 -1.13	73.14 3.48 -3.01	69.70 3.40 -1.48	62.30 3.21 -0.61	76.32 3.76 -0.47	69.75 3.58 0.00	73.30 3.29 0.00	71.32 3.09 0.00	85.10 4.65 -1.10	59.67 3.90 -0.48	95.38 6.37 -0.62	102.34 6.05 -0.28	104.63 6.39 -0.64	108.37 6.37 -0.01	127.13 9.13 -0.80	140.53 11.30 -4.55	190.39 13.66 -17.05	203.30 13.55 -29.65	314.25 4.08 -263.22	261.10 5.15 -193.72	103.44 5.65 -23.79	111.21 5.47 -27.27	102.46 6.14 0.00	98.12 5.44 -3.82
BATAVIA___115KV_TB1 55881	69.55 2.33 0.00	66.56 -0.09 0.00	63.78 -1.03 0.00	57.73 -0.75 0.00	71.59 -0.50 0.00	65.83 -0.35 0.00	68.77 -1.25 0.00	66.89 -1.34 0.00	78.84 -0.51 0.00	56.21 0.91 0.00	89.93 1.54 0.00	99.08 3.07 0.00	100.19 2.59 0.00	104.20 2.20 0.00	120.80 3.59 0.00	128.59 3.90 0.00	164.96 5.28 0.00	164.09 3.99 0.00	47.99 1.03 0.00	63.54 1.31 0.00	75.41 1.40 0.00	80.39 1.92 0.00	98.87 2.56 0.00	92.01 3.15 0.00
BAYONEEC___CTG1 323682	71.42 3.08 -1.12	71.99 2.34 -3.00	68.52 2.22 -1.48	61.37 2.29 -0.61	75.34 2.77 -0.47	65.52 2.44 3.09	68.47 2.69 4.22	57.96 2.75 13.02	80.35 4.16 3.16	59.05 3.76 0.00	94.37 5.98 0.00	102.68 6.67 0.00	104.62 7.02 0.00	108.83 6.83 0.00	126.80 9.59 0.00	136.41 11.73 0.00	173.99 14.31 0.00	174.12 14.02 0.00	60.88 3.92 -10.01	72.50 4.84 -5.43	97.30 5.46 -17.84	111.25 5.52 -27.26	102.33 6.02 0.00	93.52 4.66 0.00
BAYONEEC___CTG10 323750	71.42 3.08 -1.12	71.99 2.34 -3.00	68.52 2.22 -1.48	61.37 2.29 -0.61	75.34 2.77 -0.47	65.52 2.44 3.09	68.47 2.69 4.22	57.96 2.75 13.02	80.35 4.16 3.16	59.05 3.76 0.00	94.37 5.98 0.00	102.68 6.67 0.00	104.62 7.02 0.00	108.83 6.83 0.00	126.80 9.59 0.00	136.41 11.73 0.00	173.99 14.31 0.00	174.12 14.02 0.00	60.88 3.92 -10.01	72.50 4.84 -5.43	97.30 5.46 -17.84	111.25 5.52 -27.26	102.33 6.02 0.00	93.52 4.66 0.00
BAYONEEC___CTG2 323683	71.42 3.08 -1.12	71.99 2.34 -3.00	68.52 2.22 -1.48	61.37 2.29 -0.61	75.34 2.77 -0.47	65.52 2.44 3.09	68.47 2.69 4.22	57.96 2.75 13.02	80.35 4.16 3.16	59.05 3.76 0.00	94.37 5.98 0.00	102.68 6.67 0.00	104.62 7.02 0.00	108.83 6.83 0.00	126.80 9.59 0.00	136.41 11.73 0.00	173.99 14.31 0.00	174.12 14.02 0.00	60.88 3.92 -10.01	72.50 4.84 -5.43	97.30 5.46 -17.84	111.25 5.52 -27.26	102.33 6.02 0.00	93.52 4.66 0.00
BAYONEEC___CTG3 323684	71.42 3.08 -1.12	71.99 2.34 -3.00	68.52 2.22 -1.48	61.37 2.29 -0.61	75.34 2.77 -0.47	65.52 2.44 3.09	68.47 2.69 4.22	57.96 2.75 13.02	80.35 4.16 3.16	59.05 3.76 0.00	94.37 5.98 0.00	102.68 6.67 0.00	104.62 7.02 0.00	108.83 6.83 0.00	126.80 9.59 0.00	136.41 11.73 0.00	173.99 14.31 0.00	174.12 14.02 0.00	60.88 3.92 -10.01	72.50 4.84 -5.43	97.30 5.46 -17.84	111.25 5.52 -27.26	102.33 6.02 0.00	93.52 4.66 0.00
BAYONEEC___CTG4 323685	71.42 3.08 -1.12	71.99 2.34 -3.00	68.52 2.22 -1.48	61.37 2.29 -0.61	75.34 2.77 -0.47	65.52 2.44 3.09	68.47 2.69 4.22	57.96 2.75 13.02	80.35 4.16 3.16	59.05 3.76 0.00	94.37 5.98 0.00	102.68 6.67 0.00	104.62 7.02 0.00	108.83 6.83 0.00	126.80 9.59 0.00	136.41 11.73 0.00	173.99 14.31 0.00	174.12 14.02 0.00	60.88 3.92 -10.01	72.50 4.84 -5.43	97.30 5.46 -17.84	111.25 5.52 -27.26	102.33 6.02 0.00	93.52 4.66 0.00
BAYONEEC___CTG5 323686	71.42 3.08 -1.12	71.99 2.34 -3.00	68.52 2.22 -1.48	61.37 2.29 -0.61	75.34 2.77 -0.47	65.52 2.44 3.09	68.47 2.69 4.22	57.96 2.75 13.02	80.35 4.16 3.16	59.05 3.76 0.00	94.37 5.98 0.00	102.68 6.67 0.00	104.62 7.02 0.00	108.83 6.83 0.00	126.80 9.59 0.00	136.41 11.73 0.00	173.99 14.31 0.00	174.12 14.02 0.00	60.88 3.92 -10.01	72.50 4.84 -5.43	97.30 5.46 -17.84	111.25 5.52 -27.26	102.33 6.02 0.00	93.52 4.66 0.00
BAYONEEC___CTG6 323687	71.42 3.08 -1.12	71.99 2.34 -3.00	68.52 2.22 -1.48	61.37 2.29 -0.61	75.34 2.77 -0.47	65.52 2.44 3.09	68.47 2.69 4.22	57.96 2.75 13.02	80.35 4.16 3.16	59.05 3.76 0.00	94.37 5.98 0.00	102.68 6.67 0.00	104.62 7.02 0.00	108.83 6.83 0.00	126.80 9.59 0.00	136.41 11.73 0.00	173.99 14.31 0.00	174.12 14.02 0.00	60.88 3.92 -10.01	72.50 4.84 -5.43	97.30 5.46 -17.84	111.25 5.52 -27.26	102.33 6.02 0.00	93.52 4.66 0.00
BAYONEEC___CTG7 323688	71.42 3.08 -1.12	71.99 2.34 -3.00	68.52 2.22 -1.48	61.37 2.29 -0.61	75.34 2.77 -0.47	65.52 2.44 3.09	68.47 2.69 4.22	57.96 2.75 13.02	80.35 4.16 3.16	59.05 3.76 0.00	94.37 5.98 0.00	102.68 6.67 0.00	104.62 7.02 0.00	108.83 6.83 0.00	126.80 9.59 0.00	136.41 11.73 0.00	173.99 14.31 0.00	174.12 14.02 0.00	60.88 3.92 -10.01	72.50 4.84 -5.43	97.30 5.46 -17.84	111.25 5.52 -27.26	102.33 6.02 0.00	93.52 4.66 0.00

BAYONEEC___CTG8 323689	71.42 3.08 -1.12	71.99 2.34 -3.00	68.52 2.22 -1.48	61.37 2.29 -0.61	75.34 2.77 -0.47	65.52 2.44 3.09	68.47 2.69 4.22	57.96 2.75 13.02	80.35 4.16 3.16	59.05 3.76 0.00	94.37 5.98 0.00	102.68 6.67 0.00	104.62 7.02 0.00	108.83 6.83 0.00	126.80 9.59 0.00	136.41 11.73 0.00	173.99 14.31 0.00	174.12 14.02 0.00	60.88 3.92 -10.01	72.50 4.84 -5.43	97.30 5.46 -17.84	111.25 5.52 -27.26	102.33 6.02 0.00	93.52 4.66 0.00
BAYONEEC___CTG9 323749	71.42 3.08 -1.12	71.99 2.34 -3.00	68.52 2.22 -1.48	61.37 2.29 -0.61	75.34 2.77 -0.47	65.52 2.44 3.09	68.47 2.69 4.22	57.96 2.75 13.02	80.35 4.16 3.16	59.05 3.76 0.00	94.37 5.98 0.00	102.68 6.67 0.00	104.62 7.02 0.00	108.83 6.83 0.00	126.80 9.59 0.00	136.41 11.73 0.00	173.99 14.31 0.00	174.12 14.02 0.00	60.88 3.92 -10.01	72.50 4.84 -5.43	97.30 5.46 -17.84	111.25 5.52 -27.26	102.33 6.02 0.00	93.52 4.66 0.00
BEACON___LESR 323632	30.53 1.38 38.07	-33.88 1.18 101.70	15.74 1.11 50.18	38.98 1.19 20.68	57.45 1.32 15.96	66.45 0.27 0.00	71.07 1.06 0.00	69.46 1.23 0.00	80.58 1.23 0.00	54.67 0.66 1.28	90.68 2.29 0.00	98.41 2.40 0.00	100.35 2.75 0.00	104.44 2.44 0.00	120.53 3.32 0.00	129.13 4.45 0.00	165.76 6.08 0.00	166.87 6.77 0.00	90.95 2.05 -41.94	110.08 2.55 -45.30	175.85 2.87 -98.97	232.51 2.81 -151.23	99.40 3.09 0.00	91.47 2.61 0.00
BEAVER RIVER___HYD 24048	69.83 2.61 0.00	68.85 2.20 0.00	66.81 1.97 -0.02	60.19 1.68 -0.04	75.30 2.15 -1.06	68.38 1.98 -0.22	71.84 1.72 -0.11	69.47 1.24 0.00	81.21 1.30 -0.56	56.19 0.89 0.00	89.80 1.41 0.00	97.27 1.26 0.00	98.42 0.83 0.00	103.09 1.09 0.00	117.83 0.62 0.00	125.17 0.49 0.00	161.03 1.35 0.00	161.18 1.08 0.00	47.58 0.63 0.00	64.06 1.83 0.00	77.88 3.88 0.00	82.74 4.27 0.00	100.46 4.15 0.00	91.62 2.76 0.00
BEEBEE_GT_13 23619	68.36 1.15 0.00	66.10 -0.55 0.00	63.62 -1.19 0.00	57.56 -0.91 0.00	71.17 -0.93 0.00	65.39 -0.79 0.00	68.66 -1.35 0.00	66.96 -1.27 0.00	78.83 -0.52 0.00	56.04 0.74 0.00	90.15 1.75 0.00	99.36 3.35 0.00	100.57 2.97 0.00	104.89 2.89 0.00	120.79 3.58 0.00	128.95 4.26 0.00	164.51 4.83 0.00	164.45 4.34 0.00	48.08 1.12 0.00	63.64 1.41 0.00	75.63 1.63 0.00	80.52 2.05 0.00	98.52 2.21 0.00	90.60 1.73 0.00
BENSHRST_27_KV_BENSHRST_1 355998	72.11 3.77 -1.12	72.47 3.00 -2.83	69.13 2.84 -1.48	61.80 2.84 -0.48	71.58 3.38 3.90	61.68 3.00 7.50	67.97 3.29 5.33	58.50 3.30 13.03	80.99 4.81 3.16	59.54 4.25 0.00	95.04 6.65 0.00	103.53 7.51 0.00	105.47 7.87 0.00	109.65 7.65 0.00	127.76 10.54 0.00	137.43 12.74 0.00	175.48 15.79 0.00	175.54 15.44 0.00	61.31 4.35 -10.00	106.51 5.43 -38.86	97.94 6.09 -17.85	111.93 6.19 -27.27	103.18 6.86 -0.01	94.30 5.43 -0.01
BETHLEHEM___GRP 23843	47.91 0.55 19.85	14.04 0.42 53.03	39.17 0.52 26.17	48.36 0.67 10.78	64.40 0.63 8.32	65.88 -0.30 0.00	70.40 0.39 0.00	68.74 0.51 0.00	79.71 0.36 0.00	54.21 0.06 1.15	89.32 0.93 0.00	96.93 0.91 0.00	98.56 0.96 0.00	102.75 0.75 0.00	118.67 1.46 0.00	126.84 2.15 0.00	162.58 2.90 0.00	163.39 3.29 0.00	93.60 1.02 -45.63	107.77 1.16 -44.38	172.26 1.29 -96.98	227.91 1.27 -148.18	97.71 1.39 0.00	90.10 1.23 0.00
BETHLEHEM___GS1 323560	47.92 0.55 19.85	14.03 0.42 53.03	39.17 0.52 26.17	48.36 0.67 10.78	64.40 0.63 8.32	65.88 -0.30 0.00	70.40 0.39 0.00	68.74 0.51 0.00	79.73 0.38 0.00	54.21 0.06 1.15	89.32 0.94 0.00	96.93 0.91 0.00	98.56 0.96 0.00	102.75 0.75 0.00	118.67 1.45 0.00	126.84 2.15 0.00	162.61 2.93 0.00	163.39 3.29 0.00	93.60 1.02 -45.63	107.78 1.17 -44.38	172.26 1.28 -96.98	227.90 1.26 -148.18	97.71 1.39 0.00	90.10 1.23 0.00
BETHLEHEM___GS2 323561	47.92 0.55 19.85	14.03 0.42 53.03	39.17 0.52 26.17	48.36 0.67 10.78	64.40 0.63 8.32	65.88 -0.30 0.00	70.40 0.39 0.00	68.74 0.51 0.00	79.73 0.38 0.00	54.21 0.06 1.15	89.32 0.94 0.00	96.93 0.91 0.00	98.56 0.96 0.00	102.75 0.75 0.00	118.67 1.45 0.00	126.84 2.15 0.00	162.61 2.93 0.00	163.39 3.29 0.00	93.60 1.02 -45.63	107.78 1.17 -44.38	172.26 1.28 -96.98	227.90 1.26 -148.18	97.71 1.39 0.00	90.10 1.23 0.00
BETHLEHEM___GS3 323562	47.92 0.55 19.85	14.03 0.42 53.03	39.17 0.52 26.17	48.36 0.67 10.78	64.40 0.63 8.32	65.88 -0.30 0.00	70.40 0.39 0.00	68.74 0.51 0.00	79.73 0.38 0.00	54.21 0.06 1.15	89.32 0.94 0.00	96.93 0.91 0.00	98.56 0.96 0.00	102.75 0.75 0.00	118.67 1.45 0.00	126.84 2.15 0.00	162.61 2.93 0.00	163.39 3.29 0.00	93.60 1.02 -45.63	107.78 1.17 -44.38	172.26 1.28 -96.98	227.90 1.26 -148.18	97.71 1.39 0.00	90.10 1.23 0.00
BETHLEHEM___STEEL 23779	67.97 0.75 0.00	65.04 -1.60 0.00	62.19 -2.62 0.00	56.37 -2.11 0.00	69.83 -2.27 0.00	64.15 -2.03 0.00	66.96 -3.05 0.00	65.11 -3.12 0.00	77.25 -2.09 0.00	55.37 0.08 0.00	89.25 0.86 0.00	98.78 2.77 0.00	99.29 1.69 0.00	103.51 1.51 0.00	120.06 2.85 0.00	128.16 3.48 0.00	163.90 4.22 0.00	163.38 3.29 0.00	47.41 0.46 0.00	62.49 0.27 0.00	73.93 -0.07 0.00	78.88 0.42 0.00	97.09 0.77 0.00	89.33 0.46 0.00
BETHLHEM_115KV_TB1 79974	49.14 0.61 18.69	17.18 0.47 49.93	40.75 0.57 24.63	49.05 0.73 10.15	64.99 0.73 7.84	66.07 -0.10 0.00	70.53 0.52 0.00	68.86 0.63 0.00	79.94 0.60 0.00	54.49 0.25 1.06	89.50 1.11 0.00	97.15 1.13 0.00	98.81 1.21 0.00	102.99 0.99 0.00	118.98 1.77 0.00	127.19 2.51 0.00	162.95 3.27 0.00	163.67 3.57 0.00	91.60 1.08 -43.57	105.84 1.30 -42.31	167.91 1.47 -92.45	221.16 1.44 -141.25	97.92 1.61 0.00	90.24 1.37 0.00
BETHPAGE_CC_5 323564	71.82 3.48 -1.13	73.18 3.53 -3.00	69.78 3.49 -1.48	62.38 3.30 -0.61	76.41 3.84 -0.47	69.83 3.65 0.00	73.48 3.47 0.00	71.63 3.40 0.00	85.57 5.12 -1.10	59.94 4.17 -0.48	97.73 7.02 -2.32	105.33 6.64 -2.68	105.41 7.17 -0.64	109.17 7.17 0.00	128.06 10.07 -0.79	141.18 12.47 -4.03	194.31 15.13 -19.49	201.10 15.08 -25.92	127.79 4.52 -76.31	117.35 5.70 -49.42	108.90 6.22 -28.69	112.78 6.07 -28.24	103.19 6.79 -0.09	102.48 6.09 -7.53
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	68.08 0.87 0.00	65.16 -1.49 0.00	62.30 -2.51 0.00	56.46 -2.02 0.00	69.93 -2.16 0.00	64.28 -1.90 0.00	67.12 -2.90 0.00	65.29 -2.94 0.00	77.50 -1.85 0.00	55.57 0.27 0.00	89.58 1.19 0.00	99.13 3.12 0.00	99.63 2.03 0.00	103.90 1.90 0.00	120.59 3.38 0.00	128.71 4.02 0.00	164.64 4.96 0.00	164.10 4.00 0.00	47.62 0.67 0.00	62.76 0.54 0.00	74.23 0.23 0.00	79.15 0.68 0.00	97.38 1.06 0.00	89.49 0.63 0.00
BINGHAMTON___COGEN 23790	67.91 0.70 0.00	66.65 0.00 0.00	64.56 -0.28 -0.02	58.54 0.04 -0.03	73.03 0.01 -0.93	66.39 0.02 -0.19	70.01 -0.10 -0.10	68.20 -0.03 0.00	80.41 0.56 -0.50	56.01 0.71 0.00	89.67 1.28 0.00	97.92 1.91 0.00	99.32 1.72 0.00	103.55 1.55 0.00	120.23 3.02 0.00	128.72 4.04 0.00	163.88 4.20 0.00	164.26 4.16 0.00	52.21 1.10 -4.16	67.35 1.53 -3.60	83.48 1.62 -7.87	92.29 1.80 -12.02	98.03 1.72 0.00	89.64 0.78 0.00

BIXINCNT_115KV_LOAD 355685	68.12 0.90 0.00	65.30 -1.35 0.00	62.23 -2.58 0.00	56.33 -2.14 0.00	69.86 -2.24 0.00	64.48 -1.69 0.00	67.73 -2.28 0.00	66.02 -2.21 0.00	78.64 -0.70 0.00	56.31 1.02 0.00	90.49 2.10 0.00	99.67 3.66 0.00	99.95 2.35 0.00	103.65 1.65 0.00	121.14 3.93 0.00	129.52 4.83 0.00	165.20 5.52 0.00	164.71 4.61 0.00	47.77 0.82 0.00	63.01 0.78 0.00	74.12 0.12 0.00	79.17 0.70 0.00	97.40 1.09 0.00	88.47 -0.39 0.00
BLACK RIVER___HYD 24047	70.52 3.30 0.00	69.22 2.58 0.00	67.06 2.21 -0.04	60.43 1.89 -0.06	76.29 2.41 -1.78	68.72 2.17 -0.37	72.18 1.98 -0.19	69.77 1.54 0.00	82.48 2.18 -0.95	56.93 1.64 0.00	90.99 2.59 0.00	98.57 2.55 0.00	99.60 2.01 0.00	104.25 2.25 0.00	119.57 2.35 0.00	127.36 2.68 0.00	163.72 4.04 0.00	163.25 3.15 0.00	48.37 1.42 0.00	65.40 3.17 0.00	79.83 5.83 0.00	84.72 6.25 0.00	102.41 6.10 0.00	92.87 4.01 0.00
BLACKRVR_115KV_TB2 79977	70.52 3.31 0.00	69.22 2.58 0.00	67.06 2.21 -0.04	60.43 1.89 -0.06	76.29 2.41 -1.78	68.72 2.17 -0.37	72.18 1.98 -0.19	69.78 1.55 0.00	82.47 2.18 -0.95	56.93 1.64 0.00	90.98 2.59 0.00	98.58 2.56 0.00	99.60 2.01 0.00	104.25 2.25 0.00	119.56 2.36 0.00	127.36 2.68 0.00	163.72 4.04 0.00	163.25 3.15 0.00	48.37 1.42 0.00	65.40 3.17 0.00	79.81 5.81 0.00	84.71 6.24 0.00	102.40 6.09 0.00	92.86 4.00 0.00
BLDWN_LI_69_KV_BK4 356085	72.45 4.11 -1.13	73.74 4.09 -3.00	70.22 3.92 -1.48	62.77 3.68 -0.61	76.89 4.33 -0.47	70.27 4.09 0.00	73.97 3.95 0.00	72.11 3.88 0.00	86.02 5.58 -1.10	60.23 4.46 -0.48	96.20 7.20 -0.61	103.35 7.07 -0.27	105.86 7.62 -0.64	109.66 7.66 0.00	128.66 10.66 -0.79	141.94 13.09 -4.16	195.10 15.99 -19.43	208.06 16.08 -31.88	173.64 4.80 -121.88	150.53 6.05 -82.24	104.46 6.68 -23.78	112.30 6.57 -27.27	103.65 7.33 0.00	99.12 6.44 -3.81
BLISS_WT_PWR 323608	68.02 0.80 0.00	65.18 -1.46 0.00	62.02 -2.79 0.00	56.12 -2.35 0.00	69.63 -2.47 0.00	64.35 -1.83 0.00	67.64 -2.37 0.00	65.99 -2.24 0.00	78.76 -0.58 0.00	56.33 1.04 0.00	90.55 2.16 0.00	99.72 3.71 0.00	99.95 2.35 0.00	103.53 1.53 0.00	121.20 3.99 0.00	129.65 4.96 0.00	165.17 5.49 0.00	164.70 4.60 0.00	47.79 0.84 0.00	63.00 0.78 0.00	73.98 -0.02 0.00	79.05 0.58 0.00	97.22 0.91 0.00	88.11 -0.75 0.00
BLUESTONE___WT_PWR 323821	71.19 3.98 0.00	69.86 3.22 0.00	67.72 2.89 -0.02	61.32 2.82 -0.03	76.33 3.44 -0.81	69.62 3.27 -0.17	73.29 3.20 -0.08	71.42 3.19 0.00	84.07 4.29 -0.43	58.56 3.27 0.00	93.72 5.32 0.00	102.34 6.32 0.00	103.80 6.20 0.00	108.14 6.14 0.00	125.45 8.24 0.00	134.30 9.61 0.00	171.10 11.41 0.00	172.17 12.07 0.00	58.43 3.81 -7.67	73.47 4.61 -6.64	92.77 4.27 -14.50	105.38 4.76 -22.15	101.85 5.54 0.00	92.56 3.69 0.00
BLUE_CIRC_CHEM_DRP 24182	48.50 0.06 18.78	16.49 0.01 50.17	40.24 0.18 24.75	48.64 0.37 10.20	64.59 0.37 7.87	66.00 -0.17 0.00	70.14 0.13 0.00	68.40 0.17 0.00	79.31 -0.03 0.00	54.23 -0.31 0.76	88.08 -0.31 0.00	95.61 -0.41 0.00	97.28 -0.32 0.00	101.43 -0.57 0.00	117.06 -0.15 0.00	124.96 0.27 0.00	160.26 0.58 0.00	161.05 0.95 0.00	80.86 0.36 -33.54	96.19 0.44 -33.52	147.79 0.53 -73.25	190.88 0.49 -111.93	96.80 0.49 0.00	89.22 0.36 0.00
BOC_GAS_DRP 24189	55.84 0.86 12.23	34.68 0.72 32.69	49.55 0.86 16.13	52.83 1.01 6.65	68.09 1.13 5.13	66.86 0.68 0.00	70.94 0.93 0.00	69.24 1.01 0.00	80.57 1.23 0.00	55.48 0.79 0.60	89.84 1.45 0.00	97.57 1.55 0.00	99.27 1.67 0.00	103.40 1.40 0.00	119.44 2.23 0.00	127.59 2.91 0.00	163.34 3.66 0.00	163.91 3.81 0.00	80.19 1.13 -32.11	94.39 1.38 -30.78	142.87 1.60 -67.26	182.86 1.62 -102.78	98.14 1.83 0.00	90.37 1.51 0.00
BOONVILLE_115KV_TB1 79983	69.76 2.55 0.00	68.79 2.15 0.00	66.76 1.94 -0.01	60.25 1.75 -0.02	74.78 2.16 -0.52	68.25 1.97 -0.11	72.02 1.96 -0.06	69.96 1.72 0.00	81.66 2.05 -0.26	56.77 1.48 0.00	90.84 2.45 0.00	98.59 2.57 0.00	100.11 2.51 0.00	104.93 2.93 0.00	120.81 3.60 0.00	128.61 3.92 0.00	165.28 5.60 0.00	165.51 5.41 0.00	48.74 1.79 0.00	65.01 2.78 0.00	77.91 3.91 0.00	82.61 4.14 0.00	100.73 4.42 0.00	92.13 3.27 0.00
BORALEX_4TH_BRANCH 23824	87.49 3.72 -16.55	114.49 3.62 -44.22	90.34 3.71 -21.82	71.08 3.61 -8.99	83.36 4.33 -6.94	69.81 3.64 0.00	73.97 3.97 0.00	72.04 3.81 0.00	83.54 4.19 0.00	60.03 2.99 -1.75	92.58 4.19 0.00	100.55 4.54 0.00	102.79 5.19 0.00	107.08 5.08 0.00	123.62 6.41 0.00	131.71 7.02 0.00	168.48 8.80 0.00	169.43 9.33 0.00	122.22 3.02 -72.24	125.67 3.98 -59.46	208.66 4.73 -129.93	282.11 5.12 -198.52	102.05 5.73 0.00	93.78 4.93 0.00
BOWLINE___1 23526	70.75 2.51 -1.03	71.29 1.91 -2.75	67.98 1.81 -1.36	60.91 1.88 -0.56	74.75 2.22 -0.43	68.14 1.97 0.00	72.12 2.11 0.00	70.37 2.14 0.00	82.63 3.29 0.00	58.27 2.98 0.00	93.31 4.91 0.00	101.60 5.58 0.00	103.43 5.84 0.00	107.51 5.51 0.00	125.24 8.03 0.00	134.80 10.12 0.00	171.99 12.30 0.00	172.16 12.06 0.00	59.98 3.35 -9.68	74.32 4.18 -7.91	95.98 4.69 -17.29	109.69 4.80 -26.42	101.57 5.26 0.00	92.86 3.99 0.00
BOWLINE___2 23595	70.64 2.40 -1.03	71.20 1.80 -2.75	67.87 1.71 -1.36	60.81 1.77 -0.56	74.62 2.10 -0.43	68.03 1.86 0.00	72.00 1.99 0.00	70.26 2.03 0.00	82.51 3.16 0.00	58.17 2.88 0.00	93.16 4.77 0.00	101.43 5.41 0.00	103.26 5.66 0.00	107.33 5.33 0.00	125.03 7.82 0.00	134.60 9.92 0.00	171.70 12.01 0.00	171.90 11.80 0.00	59.90 3.27 -9.68	74.21 4.07 -7.91	95.86 4.56 -17.29	109.54 4.65 -26.42	101.40 5.08 0.00	92.72 3.85 0.00
BRADY___115KV_TB2 356060	68.07 0.86 0.00	68.19 1.55 0.00	66.35 1.54 0.00	59.53 1.05 0.00	73.60 1.51 0.00	67.76 1.58 0.00	71.50 1.49 0.00	68.97 0.74 0.00	79.13 -0.21 0.00	54.75 -0.54 0.00	87.64 -0.75 0.00	94.48 -1.53 0.00	95.53 -2.06 0.00	99.99 -2.01 0.00	113.47 -3.75 0.00	119.38 -5.31 0.00	153.77 -5.92 0.00	154.57 -5.53 0.00	45.39 -1.56 0.00	61.10 -1.13 0.00	73.27 -0.73 0.00	77.95 -0.52 0.00	96.38 0.06 0.00	89.75 0.89 0.00
BRANSCOMB___SOLAR 323811	84.31 3.97 -13.13	105.33 3.61 -35.07	85.62 3.50 -17.30	68.90 3.29 -7.13	81.62 4.02 -5.51	69.41 3.24 0.00	73.29 3.28 0.00	71.37 3.14 0.00	82.80 3.45 0.00	58.94 2.28 -1.36	91.79 3.40 0.00	99.83 3.82 0.00	102.04 4.44 0.00	106.47 4.47 0.00	123.13 5.92 0.00	131.54 6.85 0.00	169.57 9.89 0.00	171.24 11.14 0.00	145.78 3.65 -95.18	146.76 4.65 -79.87	254.18 5.64 -174.54	351.01 5.85 -266.69	102.87 6.56 0.00	94.36 5.49 0.00
BRDGHMPT_69_KV_BK1 55812	74.55 6.21 -1.13	76.41 6.76 -3.00	73.00 6.70 -1.48	65.13 6.05 -0.61	79.77 7.21 -0.47	73.36 7.18 0.00	77.45 7.43 0.00	74.68 6.45 0.00	88.57 8.12 -1.10	62.55 6.77 -0.48	161.74 11.85 -61.49	203.66 11.48 -96.17	167.50 12.25 -57.65	175.96 12.08 -61.88	178.55 15.14 -46.19	200.12 17.86 -57.58	265.76 21.75 -84.33	267.05 22.65 -84.31	263.01 6.71 -209.34	274.61 8.31 -204.07	341.09 8.81 -258.28	166.16 8.86 -78.83	111.59 10.09 -5.18	247.01 10.30 -147.84

BRENTWOD_69_KV_W. BRTWOOD 56703	72.85 4.51 -1.13	74.48 4.83 -3.00	70.98 4.69 -1.48	63.45 4.37 -0.61	77.66 5.10 -0.47	71.06 4.89 0.00	74.74 4.73 0.00	72.67 4.44 0.00	86.98 6.53 -1.10	60.82 5.04 -0.48	118.80 8.50 -21.90	138.05 7.58 -34.46	116.40 8.08 -10.72	121.00 8.06 -10.94	133.72 11.12 -5.39	142.32 13.65 -3.99	206.97 16.42 -30.88	218.44 15.98 -42.36	160.92 4.93 -109.04	194.51 6.42 -125.86	197.35 7.08 -116.27	123.42 6.87 -38.08	105.35 7.95 -1.08	146.61 7.78 -49.96
BRISTLHL_115KV_TB1 79998	66.40 -0.82 0.00	65.34 -1.31 0.00	63.42 -1.49 -0.10	57.39 -1.24 -0.15	74.75 -1.57 -4.22	65.59 -1.47 -0.88	68.82 -1.65 -0.45	66.77 -1.46 0.00	80.22 -1.39 -2.26	54.56 -0.73 0.00	87.23 -1.16 0.00	95.19 -0.83 0.00	96.85 -0.75 0.00	101.26 -0.74 0.00	116.98 -0.23 0.00	124.76 0.07 0.00	159.17 -0.51 0.00	159.69 -0.40 0.00	46.85 -0.10 0.00	62.08 -0.15 0.00	73.80 -0.20 0.00	78.37 -0.10 0.00	95.73 -0.58 0.00	87.76 -1.10 0.00
BROOKHAVEN___DRP 24191	72.46 4.12 -1.13	74.37 4.72 -3.00	71.06 4.76 -1.48	63.46 4.38 -0.61	77.68 5.12 -0.47	71.17 4.99 0.00	74.91 4.90 0.00	72.31 4.08 0.00	86.31 5.86 -1.10	60.58 4.80 -0.48	157.82 8.27 -61.15	198.78 7.40 -95.36	162.17 7.90 -56.67	170.62 7.81 -60.81	172.73 10.54 -44.98	192.87 12.72 -55.46	256.43 15.04 -81.71	257.35 15.47 -81.78	258.26 4.81 -206.50	269.73 6.11 -201.39	335.59 6.71 -254.87	162.20 6.51 -77.22	108.91 7.44 -5.15	243.64 7.75 -147.03
BROOKLYN_NAVY_YARD 23515	71.50 3.16 -1.12	72.08 2.43 -3.00	68.60 2.30 -1.48	61.45 2.37 -0.61	75.46 2.89 -0.47	68.74 2.56 0.00	72.86 2.85 0.00	71.17 2.94 0.00	83.68 4.34 0.00	59.14 3.85 0.00	94.46 6.07 0.00	102.86 6.85 0.00	104.73 7.13 0.00	108.96 6.96 0.00	126.93 9.72 0.00	136.57 11.89 0.00	174.27 14.59 0.00	174.36 14.26 0.00	60.96 4.00 -10.01	75.37 4.98 -8.16	97.46 5.62 -17.84	111.42 5.69 -27.26	102.59 6.28 0.00	93.74 4.87 0.00
BROOKLYN___ARMY_DRP 323595	71.54 3.21 -1.12	71.96 2.49 -2.83	68.65 2.37 -1.48	61.37 2.41 -0.48	71.07 2.87 3.90	61.20 2.52 7.50	67.45 2.77 5.33	57.95 2.75 13.03	80.32 4.13 3.16	59.05 3.75 0.00	94.18 5.79 0.00	102.57 6.56 0.00	104.48 6.89 0.00	108.60 6.60 0.00	126.52 9.31 0.00	136.11 11.43 0.00	173.74 14.05 0.00	173.86 13.76 0.00	60.81 3.85 -10.00	90.56 4.81 -23.53	97.29 5.44 -17.85	111.23 5.49 -27.27	102.39 6.07 -0.01	93.61 4.74 -0.01
BROOME_2_LFGE 323671	67.91 0.70 0.00	66.65 0.01 0.00	64.56 -0.28 -0.02	58.54 0.04 -0.03	73.03 0.01 -0.93	66.39 0.02 -0.19	70.01 -0.10 -0.10	68.20 -0.03 0.00	80.41 0.56 -0.50	56.01 0.71 0.00	89.67 1.28 0.00	97.91 1.90 0.00	99.31 1.71 0.00	103.55 1.55 0.00	120.24 3.03 0.00	128.72 4.04 0.00	163.85 4.17 0.00	164.24 4.14 0.00	52.20 1.09 -4.16	67.35 1.53 -3.60	83.50 1.63 -7.87	92.27 1.79 -12.02	98.03 1.71 0.00	89.64 0.78 0.00
BROOME___LFGE 323600	67.91 0.70 0.00	66.65 0.01 0.00	64.56 -0.28 -0.02	58.54 0.04 -0.03	73.03 0.01 -0.93	66.39 0.02 -0.19	70.01 -0.10 -0.10	68.20 -0.03 0.00	80.41 0.56 -0.50	56.01 0.71 0.00	89.67 1.28 0.00	97.91 1.90 0.00	99.31 1.71 0.00	103.55 1.55 0.00	120.24 3.03 0.00	128.72 4.04 0.00	163.85 4.17 0.00	164.24 4.14 0.00	52.20 1.09 -4.16	67.35 1.53 -3.60	83.50 1.63 -7.87	92.27 1.79 -12.02	98.03 1.71 0.00	89.64 0.78 0.00
BROWNFLS_115KV_TB_3_5 80003	68.58 1.37 0.00	68.06 1.42 0.00	66.13 1.30 -0.02	59.47 0.97 -0.03	74.16 1.34 -0.72	67.62 1.29 -0.15	71.07 0.98 -0.08	68.57 0.34 0.00	79.60 -0.12 -0.38	55.08 -0.22 0.00	88.08 -0.32 0.00	95.21 -0.81 0.00	96.16 -1.44 0.00	100.70 -1.30 0.00	114.74 -2.47 0.00	121.42 -3.26 0.00	156.31 -3.37 0.00	156.65 -3.45 0.00	46.13 -0.82 0.00	62.03 -0.20 0.00	74.99 0.99 0.00	79.86 1.40 0.00	97.80 1.48 0.00	90.04 1.17 0.00
BROWNSV1_27_KV_LOAD 356125	72.53 4.19 -1.12	73.04 3.39 -3.00	69.49 3.20 -1.48	62.22 3.14 -0.61	76.38 3.82 -0.47	69.62 3.44 0.00	73.80 3.79 0.00	72.07 3.84 0.00	84.88 5.53 0.00	59.98 4.69 0.00	95.91 7.52 0.00	104.41 8.40 0.00	106.40 8.80 0.00	110.69 8.69 0.00	128.96 11.75 0.00	138.79 14.10 0.00	177.01 17.33 0.00	177.07 16.97 0.00	61.76 4.80 -10.01	76.39 6.00 -8.16	98.72 6.88 -17.84	112.78 7.05 -27.26	104.19 7.87 0.00	95.16 6.30 0.00
BURROWS___LYONSDAL 23803	69.77 2.56 0.00	68.81 2.17 0.00	66.77 1.94 -0.01	60.25 1.75 -0.02	74.89 2.17 -0.62	68.27 1.97 -0.13	71.98 1.91 -0.07	69.85 1.62 0.00	81.55 1.88 -0.32	56.63 1.33 0.00	90.57 2.18 0.00	98.26 2.24 0.00	99.72 2.12 0.00	104.55 2.55 0.00	120.17 2.96 0.00	127.96 3.27 0.00	164.46 4.78 0.00	164.70 4.60 0.00	48.53 1.57 0.00	64.85 2.63 0.00	77.92 3.92 0.00	82.64 4.17 0.00	100.63 4.31 0.00	91.92 3.06 0.00
CAITHNESS_CC_1 323624	72.25 3.91 -1.12	74.10 4.45 -3.00	70.78 4.48 -1.48	63.22 4.14 -0.61	77.36 4.80 -0.47	70.88 4.71 0.00	74.58 4.57 0.00	72.11 3.88 0.00	86.09 5.64 -1.10	60.39 4.62 -0.48	157.16 7.96 -60.81	197.65 7.08 -94.55	160.87 7.58 -55.69	169.23 7.47 -59.75	171.17 10.19 -43.76	190.44 12.43 -53.33	253.36 14.60 -79.08	254.20 14.86 -79.24	255.25 4.65 -203.65	266.84 5.91 -198.70	331.94 6.48 -251.46	160.33 6.25 -75.61	108.65 7.21 -5.12	242.40 7.32 -146.21
CALPINE BETH_PAGE_GT4 24209	71.76 3.42 -1.13	73.11 3.46 -3.00	69.68 3.39 -1.48	62.30 3.21 -0.61	76.31 3.74 -0.47	69.69 3.51 0.00	73.38 3.37 0.00	71.54 3.31 0.00	85.50 5.05 -1.10	59.89 4.11 -0.48	97.15 6.89 -1.87	104.60 6.55 -2.04	105.37 7.12 -0.64	109.09 7.09 0.00	128.01 10.01 -0.79	141.19 12.45 -4.05	194.43 15.01 -19.74	202.88 15.03 -27.75	133.55 4.48 -82.11	120.99 5.65 -53.12	107.53 6.19 -27.34	112.47 6.03 -27.97	103.07 6.70 -0.07	101.39 5.98 -6.55
CALPINE_BETH_PAGE_GT_4 323586	71.76 3.42 -1.13	73.11 3.46 -3.00	69.67 3.38 -1.48	62.29 3.20 -0.61	76.30 3.74 -0.47	69.69 3.52 0.00	73.37 3.36 0.00	71.55 3.32 0.00	85.47 5.02 -1.10	59.88 4.11 -0.48	97.16 6.91 -1.87	104.62 6.56 -2.04	105.36 7.12 -0.64	109.09 7.09 0.00	128.00 10.00 -0.79	141.15 12.42 -4.05	194.42 15.01 -19.74	202.88 15.03 -27.75	133.55 4.48 -82.11	120.99 5.65 -53.12	107.52 6.18 -27.34	112.46 6.01 -27.97	103.07 6.69 -0.07	101.38 5.96 -6.55
CALPINE_BP_GT1 23823	71.76 3.42 -1.13	73.11 3.46 -3.00	69.67 3.38 -1.48	62.29 3.20 -0.61	76.30 3.74 -0.47	69.69 3.52 0.00	73.37 3.36 0.00	71.55 3.32 0.00	85.47 5.02 -1.10	59.88 4.11 -0.48	97.16 6.91 -1.87	104.62 6.56 -2.04	105.36 7.12 -0.64	109.09 7.09 0.00	128.00 10.00 -0.79	141.15 12.42 -4.05	194.42 15.01 -19.74	202.88 15.03 -27.75	133.55 4.48 -82.11	120.99 5.65 -53.12	107.52 6.18 -27.34	112.46 6.01 -27.97	103.07 6.69 -0.07	101.38 5.96 -6.55
CALSPAN___DRP 24200	67.97 0.75 0.00	65.04 -1.60 0.00	62.19 -2.62 0.00	56.37 -2.11 0.00	69.83 -2.27 0.00	64.15 -2.03 0.00	66.96 -3.05 0.00	65.11 -3.12 0.00	77.25 -2.09 0.00	55.37 0.08 0.00	89.25 0.86 0.00	98.78 2.77 0.00	99.29 1.69 0.00	103.51 1.51 0.00	120.06 2.85 0.00	128.16 3.48 0.00	163.90 4.22 0.00	163.38 3.29 0.00	47.41 0.46 0.00	62.49 0.27 0.00	73.93 -0.07 0.00	78.88 0.42 0.00	97.09 0.77 0.00	89.33 0.46 0.00

CALVERTON___SOLAR 323806	72.75 4.41 -1.12	74.69 5.04 -3.00	71.39 5.09 -1.48	63.75 4.67 -0.61	78.04 5.48 -0.47	71.53 5.35 0.00	75.32 5.31 0.00	72.60 4.37 0.00	86.53 6.08 -1.10	60.81 5.03 -0.48	158.43 8.74 -61.29	199.63 7.93 -95.68	163.03 8.39 -57.04	171.54 8.33 -61.22	173.69 11.04 -45.44	194.22 13.28 -56.26	258.20 15.83 -82.69	259.24 16.41 -82.73	259.61 5.08 -207.58	271.05 6.42 -202.40	337.19 7.03 -256.17	163.17 6.87 -77.83	109.33 7.84 -5.17	244.45 8.22 -147.37
CANDIGU_WT_PWR 323617	67.17 -0.05 0.00	64.93 -1.71 0.00	62.27 -2.56 -0.01	56.46 -2.04 -0.02	70.19 -2.44 -0.54	64.26 -2.03 -0.11	67.68 -2.39 -0.06	65.78 -2.45 0.00	77.90 -1.73 -0.29	55.13 -0.16 0.00	88.39 0.00 0.00	96.70 0.69 0.00	97.48 -0.12 0.00	101.45 -0.55 0.00	118.65 1.44 0.00	127.83 3.14 0.00	162.04 2.36 0.00	162.81 2.71 0.00	50.12 0.57 -2.60	64.78 0.30 -2.25	77.97 -0.94 -4.91	85.51 -0.46 -7.51	95.66 -0.65 0.00	87.57 -1.29 0.00
CARR STREET_E_SYR 24060	66.73 -0.48 0.00	65.61 -1.03 0.00	63.63 -1.21 -0.03	57.54 -0.98 -0.05	72.12 -1.25 -1.28	65.26 -1.19 -0.27	68.80 -1.35 -0.13	67.05 -1.18 0.00	79.04 -0.99 -0.68	54.89 -0.40 0.00	87.98 -0.42 0.00	96.06 0.05 0.00	97.73 0.13 0.00	102.15 0.15 0.00	117.96 0.75 0.00	125.93 1.24 0.00	161.25 1.57 0.00	161.16 1.06 0.00	47.18 0.22 0.00	62.54 0.32 0.00	74.31 0.31 0.00	78.84 0.37 0.00	96.34 0.02 0.00	88.31 -0.55 0.00
CARTHAGE___PAPER 23857	70.59 3.38 0.00	69.50 2.86 0.00	67.40 2.55 -0.03	60.72 2.18 -0.05	76.39 2.79 -1.50	69.05 2.56 -0.31	72.52 2.35 -0.16	70.08 1.85 0.00	82.29 2.15 -0.80	56.76 1.47 0.00	90.64 2.25 0.00	98.18 2.16 0.00	99.21 1.61 0.00	103.71 1.71 0.00	118.00 0.79 0.00	124.93 0.24 0.00	160.72 1.03 0.00	160.79 0.69 0.00	47.50 0.55 0.00	64.34 2.12 0.00	79.26 5.26 0.00	84.19 5.72 0.00	101.98 5.67 0.00	92.82 3.96 0.00
CASSADAGA_WT_PWR 323784	69.35 2.13 0.00	66.40 -0.24 0.00	63.22 -1.59 0.00	57.32 -1.15 0.00	70.67 -1.43 0.00	64.63 -1.54 0.00	68.15 -1.86 0.00	67.08 -1.15 0.00	80.45 1.11 0.00	57.56 2.27 0.00	92.89 4.50 0.00	101.19 5.17 0.00	101.59 3.99 0.00	105.93 3.93 0.00	123.12 5.91 0.00	132.17 7.49 0.00	166.99 7.30 0.00	165.83 5.73 0.00	46.64 -0.31 0.00	61.77 -0.46 0.00	74.18 0.18 0.00	79.41 0.95 0.00	97.56 1.24 0.00	89.10 0.24 0.00
CE_DUNWOOD___DRP 24194	71.39 3.05 -1.12	72.10 2.46 -3.00	68.65 2.36 -1.48	61.45 2.37 -0.61	75.38 2.82 -0.47	68.71 2.53 0.00	72.75 2.74 0.00	70.99 2.76 0.00	83.45 4.10 0.00	58.83 3.54 0.00	94.15 5.76 0.00	102.40 6.38 0.00	104.32 6.72 0.00	108.50 6.50 0.00	126.29 9.08 0.00	135.91 11.23 0.00	173.37 13.69 0.00	173.56 13.46 0.00	60.75 3.80 -10.00	75.13 4.75 -8.15	97.17 5.35 -17.82	111.12 5.42 -27.23	102.31 5.99 0.00	93.58 4.72 0.00
CE_MILLWOOD___DRP 24193	71.23 2.91 -1.11	71.92 2.30 -2.97	68.48 2.20 -1.47	61.31 2.23 -0.60	75.22 2.66 -0.47	68.55 2.38 0.00	72.57 2.56 0.00	70.80 2.57 0.00	83.20 3.86 0.00	58.65 3.36 0.00	93.85 5.45 0.00	102.09 6.07 0.00	103.99 6.40 0.00	108.15 6.15 0.00	125.93 8.72 0.00	135.45 10.76 0.00	172.82 13.14 0.00	173.03 12.93 0.00	60.56 3.64 -9.96	74.91 4.55 -8.13	96.89 5.13 -17.76	110.82 5.21 -27.14	102.04 5.73 0.00	93.35 4.49 0.00
CE_NYC2_DRP 24202	56.80 2.89 13.30	57.45 2.19 11.39	54.78 2.08 12.12	56.39 2.14 4.21	56.27 2.46 18.28	55.42 2.13 12.88	56.27 2.37 16.10	56.69 2.37 13.91	71.12 3.69 11.91	58.80 3.50 0.00	93.77 5.38 0.00	102.04 6.02 0.00	103.34 6.31 0.57	108.07 6.07 0.00	125.92 8.71 0.00	135.51 10.82 0.00	172.92 13.24 0.00	172.98 12.88 0.00	59.03 3.62 -8.46	60.49 4.43 6.16	82.55 5.01 -3.54	84.92 5.04 -1.42	84.93 5.47 16.86	73.04 4.18 20.00
CE_NYC_DRP 24195	71.64 3.30 -1.12	72.23 2.58 -3.00	68.74 2.44 -1.48	61.57 2.49 -0.61	75.57 3.00 -0.47	68.87 2.69 0.00	72.96 2.95 0.00	71.24 3.01 0.00	83.86 4.51 0.00	59.26 3.97 0.00	94.71 6.32 0.00	103.07 7.05 0.00	104.99 7.39 0.00	109.24 7.24 0.00	127.23 10.02 0.00	136.89 12.21 0.00	174.61 14.93 0.00	174.70 14.60 0.00	61.05 4.09 -10.01	75.46 5.07 -8.16	97.59 5.75 -17.84	111.55 5.82 -27.26	102.69 6.38 0.00	93.88 5.02 0.00
CHAFFEE___LFGE 323603	68.21 1.00 0.00	65.28 -1.37 0.00	62.48 -2.34 0.00	56.63 -1.85 0.00	70.14 -1.96 0.00	64.47 -1.71 0.00	67.32 -2.69 0.00	65.53 -2.70 0.00	77.78 -1.56 0.00	55.70 0.40 0.00	89.74 1.35 0.00	99.36 3.34 0.00	99.88 2.28 0.00	104.20 2.20 0.00	120.89 3.68 0.00	129.11 4.42 0.00	165.00 5.31 0.00	164.58 4.48 0.00	47.80 0.85 0.00	63.02 0.79 0.00	74.51 0.51 0.00	79.42 0.96 0.00	97.64 1.33 0.00	89.76 0.90 0.00
CHATEAUG_35_KV_LOAD 355732	66.59 -0.63 0.00	66.70 0.06 0.00	65.01 0.20 0.00	58.29 -0.18 0.00	72.12 0.02 0.00	66.31 0.13 0.00	70.02 0.01 0.00	67.85 -0.38 0.00	78.50 -0.84 0.00	54.64 -0.66 0.00	87.24 -1.15 0.00	94.38 -1.64 0.00	95.71 -1.89 0.00	100.01 -1.99 0.00	113.74 -3.47 0.00	120.26 -4.43 0.00	154.88 -4.80 0.00	155.41 -4.69 0.00	45.71 -1.25 0.00	60.91 -1.32 0.00	72.59 -1.41 0.00	76.91 -1.56 0.00	94.75 -1.57 0.00	87.40 -1.46 0.00
CHATEAUG_WT_PWR 323614	66.49 -0.73 0.00	66.57 -0.08 0.00	64.90 0.09 0.00	58.24 -0.23 0.00	72.03 -0.06 0.00	66.21 0.03 0.00	69.89 -0.12 0.00	67.80 -0.43 0.00	78.51 -0.84 0.00	54.68 -0.61 0.00	87.27 -1.12 0.00	94.49 -1.53 0.00	95.88 -1.72 0.00	100.14 -1.86 0.00	113.95 -3.26 0.00	120.50 -4.18 0.00	155.15 -4.53 0.00	155.73 -4.37 0.00	45.79 -1.16 0.00	60.86 -1.37 0.00	72.42 -1.58 0.00	76.73 -1.74 0.00	94.50 -1.81 0.00	87.27 -1.59 0.00
CHAT_HIGH_FALL_HYD 323578	66.59 -0.63 0.00	66.70 0.06 0.00	65.01 0.20 0.00	58.29 -0.18 0.00	72.12 0.02 0.00	66.31 0.13 0.00	70.02 0.01 0.00	67.85 -0.38 0.00	78.50 -0.84 0.00	54.64 -0.66 0.00	87.24 -1.15 0.00	94.38 -1.64 0.00	95.71 -1.89 0.00	100.01 -1.99 0.00	113.74 -3.47 0.00	120.26 -4.43 0.00	154.88 -4.80 0.00	155.41 -4.69 0.00	45.71 -1.25 0.00	60.91 -1.32 0.00	72.59 -1.41 0.00	76.91 -1.56 0.00	94.75 -1.57 0.00	87.40 -1.46 0.00
CHAUTAUQUA___LFGE 323629	68.59 1.37 0.00	65.74 -0.90 0.00	62.73 -2.08 0.00	56.96 -1.51 0.00	70.33 -1.76 0.00	64.47 -1.70 0.00	67.61 -2.40 0.00	65.91 -2.32 0.00	78.59 -0.76 0.00	56.10 0.81 0.00	90.53 2.14 0.00	99.56 3.55 0.00	100.05 2.45 0.00	104.28 2.28 0.00	121.42 4.21 0.00	130.09 5.40 0.00	165.38 5.69 0.00	164.70 4.60 0.00	47.04 0.09 0.00	62.24 0.01 0.00	74.21 0.21 0.00	79.31 0.84 0.00	97.28 0.96 0.00	88.91 0.05 0.00
CHERRYST_13_KV_LD 356241	71.89 3.55 -1.12	72.47 2.83 -3.00	68.97 2.68 -1.48	61.76 2.68 -0.61	75.84 3.27 -0.47	69.10 2.93 0.00	73.27 3.26 0.00	71.55 3.32 0.00	84.27 4.93 0.00	59.59 4.30 0.00	95.23 6.83 0.00	103.65 7.63 0.00	105.58 7.98 0.00	109.86 7.86 0.00	127.98 10.77 0.00	137.67 12.99 0.00	175.57 15.88 0.00	175.62 15.32 0.00	61.30 4.34 -10.01	75.77 5.38 -8.16	97.94 6.10 -17.84	111.91 6.18 -27.26	103.13 6.82 0.00	94.23 5.37 0.00

CHESTROR_138KV_BK263 355645	69.60 2.39 0.00	68.52 1.87 0.00	66.61 1.80 0.00	60.31 1.84 0.00	74.26 2.17 0.00	68.11 1.93 0.00	72.06 2.05 0.00	70.33 2.10 0.00	82.47 3.12 0.00	57.98 2.69 0.00	92.84 4.44 0.00	101.05 5.03 0.00	102.91 5.32 0.00	107.00 5.00 0.00	124.41 7.20 0.00	133.78 9.09 0.00	170.79 11.11 0.00	171.08 10.98 0.00	59.27 3.10 -9.22	73.68 3.88 -7.57	94.93 4.39 -16.54	108.23 4.50 -25.27	101.28 4.97 0.00	92.71 3.85 0.00
CH_MIDHUDSON___DRP 24192	70.41 3.20 0.00	69.35 2.71 0.00	67.41 2.60 0.00	61.04 2.57 0.00	75.16 3.06 0.00	68.94 2.76 0.00	72.93 2.92 0.00	71.26 3.02 0.00	83.59 4.24 0.00	58.77 3.48 0.00	94.07 5.67 0.00	102.27 6.25 0.00	104.23 6.63 0.00	108.50 6.50 0.00	126.02 8.81 0.00	135.20 10.52 0.00	172.64 12.96 0.00	172.99 12.89 0.00	61.21 3.69 -10.57	75.60 4.64 -8.74	98.36 5.27 -19.08	112.96 5.33 -29.16	102.34 6.03 0.00	93.70 4.84 0.00
CH_MISC_IPPS 23765	70.99 3.77 0.00	69.89 3.24 0.00	67.92 3.11 0.00	61.46 2.99 0.00	75.66 3.56 0.00	69.40 3.23 0.00	73.44 3.43 0.00	71.79 3.56 0.00	84.27 4.93 0.00	59.32 4.03 0.00	94.95 6.56 0.00	103.17 7.16 0.00	105.03 7.43 0.00	109.33 7.33 0.00	127.09 9.88 0.00	135.93 11.24 0.00	173.51 13.83 0.00	173.89 13.79 0.00	61.19 3.90 -10.34	75.68 4.88 -8.57	98.24 5.52 -18.72	112.72 5.65 -28.61	102.99 6.68 0.00	94.31 5.44 0.00
CH_RES_BVR_FALLS 23983	66.83 -0.39 0.00	66.53 -0.11 0.00	64.72 -0.10 0.00	58.32 -0.15 0.00	71.94 -0.15 0.00	66.00 -0.18 0.00	69.83 -0.17 0.00	67.98 -0.25 0.00	78.98 -0.36 0.00	54.96 -0.33 0.00	87.89 -0.50 0.00	95.25 -0.77 0.00	96.72 -0.88 0.00	101.18 -0.83 0.00	115.84 -1.37 0.00	122.94 -1.75 0.00	157.79 -1.90 0.00	158.13 -1.97 0.00	46.42 -0.53 0.00	61.55 -0.68 0.00	73.21 -0.79 0.00	77.43 -1.03 0.00	95.10 -1.21 0.00	87.88 -0.98 0.00
CH_RES_NIAGARA 23895	65.79 -1.42 0.00	62.83 -3.82 0.00	60.14 -4.67 0.00	54.50 -3.97 0.00	67.71 -4.39 0.00	62.07 -4.11 0.00	64.54 -5.47 0.00	62.56 -5.67 0.00	74.00 -5.34 0.00	53.07 -2.23 0.00	85.59 -2.80 0.00	94.97 -1.04 0.00	95.27 -2.33 0.00	99.25 -2.75 0.00	114.45 -2.77 0.00	121.97 -2.71 0.00	156.07 -3.62 0.00	155.36 -4.74 0.00	45.23 -1.73 0.00	59.55 -2.68 0.00	70.58 -3.42 0.00	75.54 -2.93 0.00	93.54 -2.78 0.00	87.05 -1.81 0.00
CH_RES_SYRACUSE 23985	67.04 -0.18 0.00	66.23 -0.42 0.00	64.36 -0.50 -0.05	58.22 -0.33 -0.08	73.86 -0.55 -2.32	65.96 -0.70 -0.48	69.19 -1.06 -0.25	67.32 -0.91 0.00	79.84 -0.76 -1.25	55.00 -0.29 0.00	88.07 -0.32 0.00	96.19 0.17 0.00	97.82 0.23 0.00	102.29 0.29 0.00	118.13 0.92 0.00	126.08 1.40 0.00	161.18 1.49 0.00	161.43 1.34 0.00	47.30 0.34 0.00	62.74 0.51 0.00	74.55 0.55 0.00	79.08 0.62 0.00	96.54 0.23 0.00	88.54 -0.32 0.00
CLINTON_WT_PWR 323605	66.49 -0.73 0.00	66.57 -0.08 0.00	64.90 0.09 0.00	58.24 -0.23 0.00	72.03 -0.06 0.00	66.21 0.03 0.00	69.89 -0.12 0.00	67.80 -0.43 0.00	78.51 -0.84 0.00	54.68 -0.61 0.00	87.27 -1.12 0.00	94.49 -1.53 0.00	95.88 -1.72 0.00	100.14 -1.86 0.00	113.95 -3.26 0.00	120.50 -4.18 0.00	155.15 -4.53 0.00	155.73 -4.37 0.00	45.79 -1.16 0.00	60.86 -1.37 0.00	72.42 -1.58 0.00	76.73 -1.74 0.00	94.50 -1.81 0.00	87.27 -1.59 0.00
CLINTON___LFGE 323618	67.30 0.08 0.00	67.25 0.60 0.00	65.60 0.79 0.00	58.91 0.44 0.00	72.94 0.85 0.00	67.03 0.85 0.00	70.61 0.60 0.00	68.36 0.13 0.00	79.01 -0.33 0.00	55.19 -0.11 0.00	87.94 -0.45 0.00	95.36 -0.65 0.00	96.85 -0.75 0.00	101.00 -1.00 0.00	115.01 -2.20 0.00	121.57 -3.11 0.00	156.63 -3.06 0.00	157.47 -2.63 0.00	46.44 -0.51 0.00	61.82 -0.41 0.00	73.60 -0.40 0.00	77.92 -0.55 0.00	95.86 -0.46 0.00	88.39 -0.48 0.00
COBBLENY_34_KV_TB1 80064	68.21 1.00 0.00	65.28 -1.37 0.00	62.49 -2.32 0.00	56.63 -1.84 0.00	70.14 -1.95 0.00	64.46 -1.72 0.00	67.32 -2.69 0.00	65.52 -2.71 0.00	77.66 -1.68 0.00	55.69 0.39 0.00	89.75 1.36 0.00	99.37 3.35 0.00	99.88 2.28 0.00	104.20 2.20 0.00	120.89 3.68 0.00	129.06 4.37 0.00	165.07 5.39 0.00	164.63 4.53 0.00	47.78 0.83 0.00	63.00 0.77 0.00	74.50 0.50 0.00	79.41 0.95 0.00	97.64 1.33 0.00	89.75 0.89 0.00
COFFEEN___115KV_TB3 355620	70.98 3.76 0.00	69.63 2.99 0.00	67.42 2.56 -0.04	60.78 2.24 -0.07	76.76 2.83 -1.84	69.15 2.59 -0.38	72.63 2.42 -0.19	70.15 1.92 0.00	82.98 2.66 -0.98	57.32 2.03 0.00	91.59 3.20 0.00	99.16 3.15 0.00	100.08 2.48 0.00	104.69 2.69 0.00	120.27 3.06 0.00	128.16 3.47 0.00	164.89 5.21 0.00	164.21 4.11 0.00	48.69 1.74 0.00	65.94 3.72 0.00	80.62 6.62 0.00	85.64 7.18 0.00	103.47 7.16 0.00	93.74 4.88 0.00
COLDSPRG_115KV_BK1 355956	69.57 2.35 0.00	66.78 0.14 0.00	63.83 -0.99 0.00	57.94 -0.54 0.00	71.54 -0.55 0.00	65.71 -0.47 0.00	69.23 -0.78 0.00	68.14 -0.09 0.00	81.30 1.95 0.00	58.14 2.85 0.00	93.45 5.06 0.00	101.28 5.27 0.00	101.61 4.01 0.00	105.93 3.94 0.00	123.18 5.97 0.00	132.02 7.33 0.00	166.73 7.05 0.00	166.02 5.92 0.00	47.42 0.47 0.00	62.86 0.63 0.00	74.83 0.83 0.00	79.87 1.41 0.00	98.86 2.54 0.00	90.35 1.49 0.00
COLONIE_LFGE___ 323577	88.27 2.76 -18.29	118.04 2.52 -48.87	91.44 2.52 -24.11	70.88 2.47 -9.94	82.69 2.92 -7.67	68.24 2.06 0.00	72.35 2.34 0.00	70.54 2.31 0.00	81.95 2.60 0.00	59.41 1.75 -2.37	91.49 3.10 0.00	99.45 3.44 0.00	101.47 3.87 0.00	105.78 3.77 0.00	122.23 5.02 0.00	130.52 5.83 0.00	167.39 7.71 0.00	168.35 8.25 0.00	134.23 2.61 -84.66	135.26 3.33 -69.70	230.26 3.95 -152.30	315.34 4.16 -232.71	100.96 4.65 0.00	92.86 4.00 0.00
COOPERNY_115KV_TB1 80082	68.92 1.71 0.00	67.92 1.27 0.00	66.06 1.25 0.00	59.80 1.33 0.00	73.65 1.55 0.00	67.55 1.37 0.00	71.46 1.45 0.00	69.75 1.52 0.00	81.67 2.32 0.00	57.30 2.01 0.00	91.72 3.33 0.00	99.84 3.83 0.00	101.61 4.01 0.00	105.74 3.74 0.00	122.70 5.49 0.00	131.60 6.91 0.00	168.03 8.35 0.00	168.39 8.29 0.00	56.81 2.33 -7.53	71.44 2.94 -6.28	91.03 3.32 -13.71	102.82 3.40 -20.95	100.04 3.72 0.00	91.65 2.79 0.00
COPENHAGEN_WT_PWR 323753	69.93 2.72 0.00	68.65 2.00 0.00	66.52 1.66 -0.04	59.96 1.42 -0.07	75.79 1.77 -1.92	68.12 1.54 -0.40	71.50 1.29 -0.20	69.18 0.95 0.00	82.10 1.73 -1.02	56.66 1.37 0.00	90.54 2.15 0.00	98.11 2.09 0.00	99.21 1.61 0.00	103.87 1.87 0.00	119.22 2.01 0.00	127.04 2.36 0.00	163.07 3.39 0.00	162.55 2.45 0.00	48.17 1.22 0.00	65.01 2.79 0.00	79.06 5.06 0.00	83.78 5.31 0.00	101.19 4.88 0.00	91.70 2.84 0.00
CORNELL_____ 23752	69.15 1.94 0.00	67.81 1.16 0.00	65.70 0.86 -0.03	59.46 0.94 -0.05	74.46 1.09 -1.27	67.51 1.07 -0.27	71.21 1.06 -0.13	69.31 1.08 0.00	81.46 1.42 -0.69	56.42 1.13 0.00	90.04 1.65 0.00	98.27 2.26 0.00	99.91 2.31 0.00	104.34 2.34 0.00	120.97 3.76 0.00	129.51 4.83 0.00	165.51 5.83 0.00	166.76 6.66 0.00	51.94 2.09 -2.90	67.73 3.00 -2.51	82.99 3.51 -5.48	90.58 3.75 -8.37	100.13 3.81 0.00	91.50 2.64 0.00

CORONA_69_KV_TB1 355595	72.47 4.13 -1.13	73.59 3.94 -3.00	70.15 3.86 -1.48	62.73 3.65 -0.61	76.84 4.28 -0.47	70.20 4.02 0.00	73.98 3.97 0.00	72.17 3.94 0.00	86.15 5.70 -1.10	60.44 4.66 -0.48	96.74 7.73 -0.61	104.07 7.78 -0.27	106.41 8.17 -0.64	110.16 8.16 0.00	129.19 11.19 -0.79	142.64 13.61 -4.35	210.98 16.69 -34.61	264.48 16.69 -87.69	239.95 4.93 -188.07	202.85 6.22 -134.40	104.70 6.92 -23.78	112.62 6.89 -27.27	104.11 7.79 0.00	99.44 6.77 -3.81
CORTLAND_115KV_TB3 80093	68.41 1.20 0.00	67.23 0.59 0.00	65.18 0.34 -0.03	59.00 0.47 -0.05	73.95 0.53 -1.33	66.96 0.50 -0.28	70.61 0.46 -0.14	68.73 0.50 0.00	80.81 0.72 -0.74	55.98 0.69 0.00	89.22 0.83 0.00	97.38 1.36 0.00	98.92 1.33 0.00	103.26 1.26 0.00	119.77 2.56 0.00	128.35 3.66 0.00	163.90 4.22 0.00	164.82 4.72 0.00	48.39 1.44 0.00	64.24 2.01 0.00	76.38 2.38 0.00	81.03 2.57 0.00	98.93 2.62 0.00	90.53 1.66 0.00
COXSACKIE___GT 23611	50.56 3.76 20.42	15.57 3.48 54.55	41.21 3.31 26.91	50.46 3.08 11.09	67.23 3.70 8.56	68.79 2.61 0.00	73.37 3.36 0.00	71.75 3.52 0.00	83.08 3.73 0.00	56.48 1.95 0.76	91.42 3.03 0.00	99.33 3.31 0.00	101.19 3.60 0.00	105.77 3.77 0.00	122.56 5.35 0.00	131.81 7.12 0.00	170.51 10.83 0.00	172.60 12.50 0.00	81.87 3.71 -31.21	99.08 5.03 -31.83	149.56 6.02 -69.54	190.88 6.16 -106.26	103.46 7.15 0.00	94.95 6.09 0.00
CPV_VALLEY___CC1 323721	69.00 1.79 0.00	67.98 1.33 0.00	66.09 1.28 0.00	59.85 1.37 0.00	73.70 1.60 0.00	67.58 1.41 0.00	71.51 1.50 0.00	69.79 1.56 0.00	81.80 2.46 0.00	57.49 2.20 0.00	92.04 3.65 0.00	100.14 4.12 0.00	101.96 4.36 0.00	106.01 4.01 0.00	123.20 5.99 0.00	132.37 7.68 0.00	169.00 9.32 0.00	169.25 9.15 0.00	58.04 2.55 -8.54	72.43 3.18 -7.03	92.93 3.57 -15.36	105.58 3.64 -23.47	100.28 3.97 0.00	91.83 2.97 0.00
CPV_VALLEY___CC2 323722	69.00 1.79 0.00	67.98 1.33 0.00	66.09 1.28 0.00	59.85 1.37 0.00	73.70 1.60 0.00	67.58 1.41 0.00	71.51 1.50 0.00	69.79 1.56 0.00	81.80 2.46 0.00	57.49 2.20 0.00	92.04 3.65 0.00	100.14 4.12 0.00	101.96 4.36 0.00	106.01 4.01 0.00	123.20 5.99 0.00	132.37 7.68 0.00	169.00 9.32 0.00	169.25 9.15 0.00	58.04 2.55 -8.54	72.43 3.18 -7.03	92.93 3.57 -15.36	105.58 3.64 -23.47	100.28 3.97 0.00	91.83 2.97 0.00
CRESCENT___HYD 24018	88.27 2.76 -18.29	118.04 2.52 -48.87	91.44 2.52 -24.11	70.88 2.47 -9.94	82.69 2.92 -7.67	68.24 2.06 0.00	72.35 2.34 0.00	70.54 2.31 0.00	81.95 2.60 0.00	59.41 1.75 -2.37	91.49 3.10 0.00	99.45 3.44 0.00	101.47 3.87 0.00	105.78 3.77 0.00	122.23 5.02 0.00	130.52 5.83 0.00	167.39 7.71 0.00	168.35 8.25 0.00	134.23 2.61 -84.66	135.26 3.33 -69.70	230.26 3.95 -152.30	315.34 4.16 -232.71	100.96 4.65 0.00	92.86 4.00 0.00
CRICKET___VALLEY_CC1 323756	71.87 2.36 -2.29	74.68 1.92 -6.12	69.68 1.85 -3.02	61.65 1.93 -1.24	75.30 2.25 -0.96	68.19 2.01 0.00	72.04 2.03 0.00	70.36 2.13 0.00	82.38 3.03 0.00	57.94 2.64 0.00	92.65 4.26 0.00	100.62 4.61 0.00	102.80 5.20 0.00	107.01 5.02 0.00	124.12 6.91 0.00	133.21 8.52 0.00	170.06 10.38 0.00	170.35 10.26 0.00	62.26 3.03 -12.28	75.99 3.81 -9.95	100.05 4.31 -21.73	115.99 4.32 -33.21	100.90 4.59 0.00	92.41 3.55 0.00
CRICKET___VALLEY_CC2 323757	71.87 2.36 -2.29	74.68 1.92 -6.12	69.68 1.85 -3.02	61.65 1.93 -1.24	75.30 2.25 -0.96	68.19 2.01 0.00	72.04 2.03 0.00	70.36 2.13 0.00	82.38 3.03 0.00	57.94 2.64 0.00	92.65 4.26 0.00	100.62 4.61 0.00	102.80 5.20 0.00	107.01 5.02 0.00	124.12 6.91 0.00	133.21 8.52 0.00	170.06 10.38 0.00	170.35 10.26 0.00	62.26 3.03 -12.28	75.99 3.81 -9.95	100.05 4.31 -21.73	115.99 4.32 -33.21	100.90 4.59 0.00	92.41 3.55 0.00
CRICKET___VALLEY_CC3 323758	71.87 2.36 -2.29	74.68 1.92 -6.12	69.68 1.85 -3.02	61.65 1.93 -1.24	75.30 2.25 -0.96	68.19 2.01 0.00	72.04 2.03 0.00	70.36 2.13 0.00	82.38 3.03 0.00	57.94 2.64 0.00	92.65 4.26 0.00	100.62 4.61 0.00	102.80 5.20 0.00	107.01 5.02 0.00	124.12 6.91 0.00	133.21 8.52 0.00	170.06 10.38 0.00	170.35 10.26 0.00	62.26 3.03 -12.28	75.99 3.81 -9.95	100.05 4.31 -21.73	115.99 4.32 -33.21	100.90 4.59 0.00	92.41 3.55 0.00
CRUCIBLE_METL_DRP 24180	67.03 -0.18 0.00	66.23 -0.42 0.00	64.36 -0.51 -0.05	58.22 -0.34 -0.08	73.86 -0.55 -2.32	65.96 -0.70 -0.48	69.18 -1.07 -0.25	67.32 -0.91 0.00	79.82 -0.77 -1.25	55.00 -0.29 0.00	88.07 -0.32 0.00	96.19 0.17 0.00	97.82 0.22 0.00	102.29 0.29 0.00	118.13 0.92 0.00	126.09 1.41 0.00	161.23 1.55 0.00	161.43 1.34 0.00	47.30 0.35 0.00	62.74 0.51 0.00	74.54 0.54 0.00	79.08 0.61 0.00	96.54 0.23 0.00	88.53 -0.33 0.00
DAHOWA___HYDRO 323763	83.93 4.39 -12.32	103.59 4.02 -32.93	84.90 3.85 -16.25	68.79 3.62 -6.70	81.67 4.41 -5.17	69.75 3.58 0.00	73.55 3.54 0.00	71.63 3.40 0.00	83.09 3.74 0.00	59.01 2.52 -1.20	92.01 3.62 0.00	100.16 4.14 0.00	102.45 4.85 0.00	106.95 4.95 0.00	123.66 6.45 0.00	132.17 7.48 0.00	170.68 10.99 0.00	172.44 12.34 0.00	147.71 4.05 -96.70	148.72 5.13 -81.36	258.00 6.22 -177.78	356.57 6.46 -271.64	103.54 7.23 0.00	94.87 6.01 0.00
DANC___LFGE 323619	68.58 1.36 0.00	67.41 0.77 0.00	65.35 0.48 -0.06	58.99 0.43 -0.09	75.03 0.53 -2.41	67.11 0.43 -0.50	70.48 0.21 -0.26	68.26 0.03 0.00	81.15 0.52 -1.29	55.83 0.54 0.00	89.25 0.86 0.00	96.94 0.93 0.00	98.25 0.65 0.00	102.80 0.81 0.00	118.23 1.02 0.00	125.96 1.27 0.00	161.41 1.73 0.00	161.17 1.07 0.00	47.59 0.64 0.00	63.83 1.60 0.00	77.01 3.01 0.00	81.72 3.26 0.00	99.18 2.87 0.00	90.28 1.42 0.00
DANSKAMMER___1 23586	70.99 3.77 0.00	69.89 3.24 0.00	67.92 3.11 0.00	61.46 2.99 0.00	75.66 3.56 0.00	69.40 3.23 0.00	73.44 3.43 0.00	71.79 3.56 0.00	84.27 4.93 0.00	59.32 4.03 0.00	94.95 6.56 0.00	103.17 7.16 0.00	105.03 7.43 0.00	109.33 7.33 0.00	127.09 9.88 0.00	135.93 11.24 0.00	173.51 13.83 0.00	173.89 13.79 0.00	61.19 3.90 -10.34	75.68 4.88 -8.57	98.24 5.52 -18.72	112.72 5.65 -28.61	102.99 6.68 0.00	94.31 5.44 0.00
DANSKAMMER___2 23589	70.99 3.77 0.00	69.89 3.24 0.00	67.92 3.11 0.00	61.46 2.99 0.00	75.66 3.56 0.00	69.40 3.23 0.00	73.44 3.43 0.00	71.79 3.56 0.00	84.27 4.93 0.00	59.32 4.03 0.00	94.95 6.56 0.00	103.17 7.16 0.00	105.03 7.43 0.00	109.33 7.33 0.00	127.09 9.88 0.00	135.93 11.24 0.00	173.51 13.83 0.00	173.89 13.79 0.00	61.19 3.90 -10.34	75.68 4.88 -8.57	98.24 5.52 -18.72	112.72 5.65 -28.61	102.99 6.68 0.00	94.31 5.44 0.00
DANSKAMMER___3 23590	70.99 3.77 0.00	69.89 3.24 0.00	67.92 3.11 0.00	61.46 2.99 0.00	75.66 3.56 0.00	69.40 3.23 0.00	73.44 3.43 0.00	71.79 3.56 0.00	84.27 4.93 0.00	59.32 4.03 0.00	94.95 6.56 0.00	103.17 7.16 0.00	105.03 7.43 0.00	109.33 7.33 0.00	127.09 9.88 0.00	135.93 11.24 0.00	173.51 13.83 0.00	173.89 13.79 0.00	61.19 3.90 -10.34	75.68 4.88 -8.57	98.24 5.52 -18.72	112.72 5.65 -28.61	102.99 6.68 0.00	94.31 5.44 0.00

DANSKAMMER___4 23591	70.99 3.77 0.00	69.89 3.24 0.00	67.92 3.11 0.00	61.46 2.99 0.00	75.66 3.56 0.00	69.40 3.23 0.00	73.44 3.43 0.00	71.79 3.56 0.00	84.27 4.93 0.00	59.32 4.03 0.00	94.95 6.56 0.00	103.17 7.16 0.00	105.03 7.43 0.00	109.33 7.33 0.00	127.09 9.88 0.00	135.93 11.24 0.00	173.51 13.83 0.00	173.89 13.79 0.00	61.19 3.90 -10.34	75.68 4.88 -8.57	98.24 5.52 -18.72	112.72 5.65 -28.61	102.99 6.68 0.00	94.31 5.44 0.00
DANSKAMMER___DIESEL 23592	70.99 3.78 0.00	69.89 3.25 0.00	67.92 3.11 0.00	61.46 2.99 0.00	75.66 3.56 0.00	69.40 3.23 0.00	73.46 3.45 0.00	71.80 3.56 0.00	84.31 4.96 0.00	59.32 4.03 0.00	94.95 6.56 0.00	103.17 7.16 0.00	105.03 7.43 0.00	109.33 7.33 0.00	127.09 9.88 0.00	135.93 11.24 0.00	173.51 13.83 0.00	173.87 13.77 0.00	61.20 3.91 -10.34	75.68 4.88 -8.57	98.24 5.52 -18.72	112.71 5.64 -28.61	103.00 6.68 0.00	94.32 5.46 0.00
DARBY___SOLAR 323810	84.30 3.99 -13.09	105.21 3.60 -34.97	85.54 3.47 -17.25	68.86 3.28 -7.11	81.59 4.01 -5.49	69.42 3.24 0.00	73.26 3.25 0.00	71.36 3.13 0.00	82.77 3.42 0.00	58.92 2.27 -1.35	91.73 3.33 0.00	99.79 3.78 0.00	102.01 4.41 0.00	106.46 4.46 0.00	123.10 5.89 0.00	131.55 6.86 0.00	169.64 9.96 0.00	171.26 11.16 0.00	145.88 3.68 -95.26	146.83 4.66 -79.95	254.33 5.63 -174.70	351.25 5.85 -266.93	102.85 6.54 0.00	94.32 5.46 0.00
DASHVILLE___HYD 23610	66.13 3.07 4.16	58.23 2.69 11.10	61.88 2.54 5.48	58.71 2.49 2.26	73.37 3.01 1.74	68.82 2.65 0.00	72.79 2.78 0.00	71.17 2.94 0.00	83.56 4.22 0.00	58.51 3.40 0.18	93.78 5.39 0.00	102.00 5.98 0.00	103.94 6.34 0.00	108.12 6.12 0.00	125.45 8.24 0.00	134.63 9.94 0.00	172.26 12.57 0.00	172.75 12.65 0.00	64.90 3.53 -14.42	79.94 4.40 -13.31	108.02 4.93 -29.09	127.93 5.02 -44.45	102.25 5.94 0.00	93.58 4.72 0.00
DELAWARE___LFGE 323621	69.10 1.88 0.00	68.14 1.50 0.00	66.36 1.54 -0.01	60.12 1.63 -0.02	74.49 1.95 -0.45	68.01 1.74 -0.09	71.85 1.80 -0.05	70.12 1.89 0.00	82.10 2.51 -0.24	57.11 1.81 0.00	91.43 3.04 0.00	99.59 3.58 0.00	101.22 3.62 0.00	105.44 3.44 0.00	122.01 4.80 0.00	130.39 5.70 0.00	166.47 6.79 0.00	166.98 6.88 0.00	62.41 1.97 -13.49	76.47 2.57 -11.67	102.47 2.97 -25.51	120.57 3.13 -38.97	99.87 3.55 0.00	91.53 2.67 0.00
DERFIELD_115KV_TB7 355931	67.61 0.40 0.00	66.90 0.26 0.00	65.08 0.27 0.00	58.78 0.30 0.00	72.45 0.36 0.00	66.44 0.27 0.00	70.30 0.29 0.00	68.54 0.31 0.00	79.80 0.46 0.00	55.63 0.33 0.00	88.91 0.52 0.00	96.64 0.62 0.00	98.29 0.69 0.00	102.67 0.67 0.00	118.28 1.07 0.00	125.96 1.27 0.00	161.27 1.59 0.00	161.72 1.62 0.00	47.47 0.51 0.00	62.88 0.65 0.00	74.77 0.77 0.00	79.25 0.78 0.00	97.17 0.86 0.00	89.45 0.59 0.00
DOGLEVILLE___HYD 23807	69.30 2.09 0.00	68.32 1.67 0.00	66.51 1.70 0.00	60.33 1.86 0.00	74.18 2.08 0.00	68.03 1.85 0.00	71.92 1.91 0.00	69.53 1.30 0.00	80.45 1.11 0.00	55.73 0.44 0.00	88.52 0.13 0.00	96.50 0.49 0.00	98.84 1.24 0.00	103.15 1.15 0.00	119.80 2.59 0.00	128.29 3.60 0.00	165.74 6.06 0.00	168.13 8.04 0.00	49.54 2.59 0.00	65.89 3.66 0.00	78.55 4.55 0.00	83.26 4.80 0.00	101.61 5.30 0.00	92.64 3.78 0.00
DUNKIRK___115KV_TB_200 55889	68.44 1.23 0.00	65.64 -1.01 0.00	62.65 -2.16 0.00	56.89 -1.59 0.00	70.24 -1.85 0.00	64.43 -1.74 0.00	67.54 -2.47 0.00	65.75 -2.48 0.00	78.27 -1.08 0.00	55.92 0.63 0.00	90.20 1.81 0.00	99.30 3.28 0.00	99.78 2.18 0.00	103.99 1.99 0.00	121.13 3.92 0.00	129.70 5.02 0.00	165.10 5.42 0.00	164.43 4.33 0.00	47.07 0.12 0.00	62.27 0.04 0.00	74.18 0.18 0.00	79.24 0.77 0.00	97.22 0.91 0.00	88.86 0.01 0.00
DUNKIRK___1 23563	68.44 1.23 0.00	65.64 -1.01 0.00	62.65 -2.16 0.00	56.89 -1.59 0.00	70.24 -1.85 0.00	64.43 -1.74 0.00	67.54 -2.47 0.00	65.75 -2.48 0.00	78.27 -1.08 0.00	55.92 0.63 0.00	90.20 1.81 0.00	99.30 3.28 0.00	99.78 2.18 0.00	103.99 1.99 0.00	121.13 3.92 0.00	129.70 5.02 0.00	165.10 5.42 0.00	164.43 4.33 0.00	47.07 0.12 0.00	62.27 0.04 0.00	74.18 0.18 0.00	79.24 0.77 0.00	97.22 0.91 0.00	88.86 0.01 0.00
DUNKIRK___2 23564	68.44 1.23 0.00	65.64 -1.01 0.00	62.65 -2.16 0.00	56.89 -1.59 0.00	70.24 -1.85 0.00	64.43 -1.74 0.00	67.54 -2.47 0.00	65.75 -2.48 0.00	78.27 -1.08 0.00	55.92 0.63 0.00	90.20 1.81 0.00	99.30 3.28 0.00	99.78 2.18 0.00	103.99 1.99 0.00	121.13 3.92 0.00	129.70 5.02 0.00	165.10 5.42 0.00	164.43 4.33 0.00	47.07 0.12 0.00	62.27 0.04 0.00	74.18 0.18 0.00	79.24 0.77 0.00	97.22 0.91 0.00	88.86 0.01 0.00
DUNKIRK___3 23565	68.05 0.84 0.00	65.29 -1.35 0.00	62.39 -2.43 0.00	56.63 -1.84 0.00	70.02 -2.08 0.00	64.26 -1.92 0.00	67.28 -2.73 0.00	65.48 -2.76 0.00	77.83 -1.52 0.00	55.61 0.31 0.00	89.64 1.25 0.00	98.80 2.79 0.00	99.29 1.70 0.00	103.45 1.45 0.00	120.37 3.15 0.00	128.84 4.15 0.00	164.09 4.41 0.00	163.49 3.39 0.00	47.03 0.08 0.00	62.19 -0.04 0.00	73.93 -0.07 0.00	78.93 0.46 0.00	96.88 0.57 0.00	88.74 -0.12 0.00
DUNKIRK___4 23566	68.05 0.84 0.00	65.29 -1.35 0.00	62.39 -2.43 0.00	56.63 -1.84 0.00	70.02 -2.08 0.00	64.26 -1.92 0.00	67.28 -2.73 0.00	65.48 -2.76 0.00	77.83 -1.52 0.00	55.61 0.31 0.00	89.64 1.25 0.00	98.80 2.79 0.00	99.29 1.70 0.00	103.45 1.45 0.00	120.37 3.15 0.00	128.84 4.15 0.00	164.09 4.41 0.00	163.49 3.39 0.00	47.03 0.08 0.00	62.19 -0.04 0.00	73.93 -0.07 0.00	78.93 0.46 0.00	96.88 0.57 0.00	88.74 -0.12 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	71.64 3.30 -1.12	72.32 2.67 -3.00	68.84 2.55 -1.48	61.62 2.54 -0.61	75.58 3.02 -0.47	68.89 2.71 0.00	72.95 2.94 0.00	71.19 2.96 0.00	83.71 4.37 0.00	59.06 3.77 0.00	94.48 6.09 0.00	102.77 6.76 0.00	104.68 7.08 0.00	108.89 6.89 0.00	126.77 9.56 0.00	136.42 11.73 0.00	174.08 14.39 0.00	174.24 14.14 0.00	60.96 4.00 -10.01	75.39 4.99 -8.16	97.47 5.63 -17.84	111.45 5.72 -27.26	102.64 6.33 0.00	93.88 5.02 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	70.45 3.24 0.00	69.33 2.68 0.00	67.37 2.56 0.00	60.99 2.51 0.00	75.09 3.00 0.00	68.87 2.69 0.00	72.88 2.87 0.00	71.20 2.97 0.00	83.59 4.24 0.00	58.81 3.51 0.00	94.13 5.74 0.00	102.39 6.38 0.00	104.30 6.70 0.00	108.50 6.51 0.00	126.21 9.00 0.00	135.40 10.71 0.00	172.87 13.18 0.00	173.20 13.10 0.00	60.71 3.72 -10.04	75.25 4.66 -8.36	97.57 5.29 -18.28	111.81 5.41 -27.93	102.48 6.17 0.00	93.79 4.93 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	71.47 3.12 -1.13	72.08 2.42 -3.01	68.60 2.29 -1.49	61.43 2.34 -0.62	75.28 2.71 -0.48	68.53 2.35 -0.01	72.59 2.57 -0.01	70.81 2.57 -0.01	83.25 3.89 -0.01	58.94 3.65 0.00	94.01 5.62 0.00	102.31 6.29 -0.01	104.17 6.56 -0.01	108.33 6.32 -0.02	126.17 8.95 0.00	135.80 11.11 0.00	173.31 13.63 0.00	173.38 13.27 -0.01	60.70 3.73 -10.01	75.90 4.58 -9.08	97.05 5.20 -17.85	110.98 5.24 -27.27	102.04 5.72 -0.01	93.30 4.43 -0.01

E179THST_13_KV_LOAD 356214	71.95 3.60 -1.13	72.52 2.87 -3.01	69.01 2.71 -1.49	61.82 2.73 -0.62	75.75 3.17 -0.48	68.96 2.78 -0.01	73.06 3.04 -0.01	71.28 3.04 -0.01	83.82 4.46 -0.01	59.35 4.06 0.00	94.72 6.33 0.00	103.06 7.04 -0.01	104.93 7.32 -0.01	109.16 7.14 -0.02	127.14 9.92 0.00	136.87 12.18 0.00	174.61 14.93 0.00	174.67 14.56 -0.01	61.08 4.11 -10.01	76.40 5.09 -9.08	97.65 5.79 -17.85	111.61 5.88 -27.27	102.83 6.50 -0.01	94.00 5.14 -0.01
EAST HAMPTON___GT 23717	75.45 7.12 -1.12	77.26 7.62 -3.00	73.76 7.46 -1.48	65.73 6.65 -0.61	80.57 8.00 -0.47	74.35 8.17 0.00	78.67 8.66 0.00	75.91 7.68 0.00	89.14 8.69 -1.10	63.23 7.45 -0.48	163.03 13.14 -61.50	205.06 12.85 -96.19	169.02 13.73 -57.69	177.01 13.09 -61.92	179.38 15.93 -46.24	201.25 18.90 -57.66	267.12 23.01 -84.43	268.57 24.07 -84.41	263.43 7.03 -209.45	274.86 8.46 -204.17	341.02 8.61 -258.41	166.30 8.94 -78.89	111.73 10.23 -5.18	247.16 10.43 -147.87
EAST RIVER___6 23660	71.61 3.27 -1.12	72.17 2.53 -3.00	68.69 2.40 -1.48	61.51 2.43 -0.61	75.49 2.93 -0.47	68.81 2.63 0.00	72.88 2.88 0.00	71.17 2.94 0.00	83.74 4.39 0.00	59.25 3.96 0.00	94.63 6.24 0.00	102.98 6.97 0.00	104.92 7.32 0.00	109.13 7.13 0.00	127.12 9.91 0.00	136.81 12.12 0.00	174.49 14.80 0.00	174.58 14.48 0.00	61.03 4.07 -10.01	75.42 5.02 -8.16	97.54 5.70 -17.84	111.50 5.77 -27.26	102.62 6.31 0.00	93.80 4.93 0.00
EAST RIVER___7 23524	71.61 3.27 -1.12	72.17 2.53 -3.00	68.69 2.40 -1.48	61.51 2.43 -0.61	75.49 2.93 -0.47	68.81 2.63 0.00	72.88 2.88 0.00	71.17 2.94 0.00	83.74 4.39 0.00	59.25 3.96 0.00	94.63 6.24 0.00	102.98 6.97 0.00	104.92 7.32 0.00	109.13 7.13 0.00	127.12 9.91 0.00	136.81 12.12 0.00	174.49 14.80 0.00	174.58 14.48 0.00	61.03 4.07 -10.01	75.42 5.02 -8.16	97.54 5.70 -17.84	111.50 5.77 -27.26	102.62 6.31 0.00	93.80 4.93 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	71.39 3.05 -1.12	72.10 2.46 -3.00	68.65 2.36 -1.48	61.45 2.37 -0.61	75.38 2.82 -0.47	68.71 2.53 0.00	72.75 2.74 0.00	70.99 2.76 0.00	83.45 4.10 0.00	58.83 3.54 0.00	94.15 5.76 0.00	102.40 6.38 0.00	104.32 6.72 0.00	108.50 6.50 0.00	126.29 9.08 0.00	135.91 11.23 0.00	173.37 13.69 0.00	173.56 13.46 0.00	60.75 3.80 -10.00	75.13 4.75 -8.15	97.17 5.35 -17.82	111.12 5.42 -27.23	102.31 5.99 0.00	93.58 4.72 0.00
EAST_HAMPTON___DIESEL 23722	75.42 7.09 -1.12	77.24 7.59 -3.00	73.73 7.44 -1.48	65.71 6.63 -0.61	80.55 7.99 -0.47	74.35 8.17 0.00	78.70 8.68 0.00	75.93 7.70 0.00	89.21 8.77 -1.10	63.25 7.48 -0.48	163.11 13.21 -61.50	205.12 12.91 -96.19	169.07 13.78 -57.69	177.07 13.15 -61.92	179.47 16.02 -46.24	201.30 18.96 -57.66	267.15 23.05 -84.42	268.70 24.20 -84.40	263.44 7.04 -209.44	274.83 8.44 -204.17	340.96 8.55 -258.41	166.20 8.85 -78.89	111.57 10.07 -5.18	247.07 10.34 -147.87
EAST_POINT___SOLAR 323840	78.41 5.36 -5.84	87.01 4.77 -15.59	76.94 4.44 -7.69	65.59 3.94 -3.17	79.36 4.82 -2.45	70.68 4.51 0.00	74.21 4.20 0.00	70.71 2.48 0.00	80.34 1.00 0.00	55.65 0.36 0.00	89.54 1.15 0.00	97.57 1.56 0.00	99.64 2.05 0.00	104.46 2.46 0.00	121.50 4.29 0.00	128.36 3.68 0.00	167.34 7.66 0.00	169.06 8.96 0.00	145.35 3.33 -95.07	148.36 4.88 -81.25	258.31 6.77 -177.55	357.03 7.29 -271.28	104.83 8.52 0.00	95.98 7.12 0.00
EAST_PULASKI___ESR 323781	67.23 0.01 0.00	66.13 -0.51 0.00	64.16 -0.73 -0.08	57.99 -0.61 -0.13	74.86 -0.78 -3.55	66.17 -0.75 -0.74	69.47 -0.92 -0.38	67.32 -0.91 0.00	80.49 -0.75 -1.90	54.96 -0.34 0.00	87.87 -0.52 0.00	95.69 -0.33 0.00	97.22 -0.38 0.00	101.73 -0.27 0.00	117.14 -0.07 0.00	124.93 0.24 0.00	159.84 0.16 0.00	159.73 -0.37 0.00	47.03 0.08 0.00	62.67 0.45 0.00	74.97 0.97 0.00	79.65 1.18 0.00	97.06 0.75 0.00	88.76 -0.11 0.00
EAST_RIVER___1 323558	71.64 3.30 -1.12	72.23 2.58 -3.00	68.73 2.44 -1.48	61.57 2.49 -0.61	75.57 3.00 -0.47	68.86 2.68 0.00	72.95 2.94 0.00	71.24 3.01 0.00	83.81 4.46 0.00	59.26 3.97 0.00	94.71 6.32 0.00	103.07 7.05 0.00	104.99 7.39 0.00	109.23 7.24 0.00	127.23 10.02 0.00	136.90 12.21 0.00	174.61 14.93 0.00	174.71 14.61 0.00	61.05 4.09 -10.01	75.46 5.06 -8.16	97.59 5.75 -17.84	111.54 5.81 -27.26	102.68 6.37 0.00	93.85 4.99 0.00
EAST_RIVER___2 323559	71.61 3.27 -1.12	72.17 2.53 -3.00	68.69 2.40 -1.48	61.51 2.43 -0.61	75.49 2.93 -0.47	68.81 2.63 0.00	72.88 2.88 0.00	71.17 2.94 0.00	83.74 4.39 0.00	59.25 3.96 0.00	94.63 6.24 0.00	102.98 6.97 0.00	104.92 7.32 0.00	109.13 7.13 0.00	127.12 9.91 0.00	136.81 12.12 0.00	174.49 14.80 0.00	174.58 14.48 0.00	61.03 4.07 -10.01	75.42 5.02 -8.16	97.54 5.70 -17.84	111.50 5.77 -27.26	102.62 6.31 0.00	93.80 4.93 0.00
EAST___DELAWARE_HYD 23607	69.11 1.90 0.00	67.99 1.34 0.00	66.04 1.23 0.00	59.76 1.28 0.00	73.56 1.46 0.00	67.48 1.30 0.00	71.40 1.38 0.00	70.03 1.80 0.00	84.37 5.02 0.00	59.41 4.12 0.00	95.05 6.66 0.00	103.46 7.44 0.00	105.55 7.95 0.00	109.86 7.86 0.00	127.80 10.59 0.00	136.07 11.39 0.00	170.07 10.39 0.00	170.82 10.72 0.00	60.28 3.08 -10.26	74.99 3.88 -8.88	97.78 4.39 -19.40	112.51 4.40 -29.64	101.07 4.75 0.00	92.34 3.47 0.00
EIGHT_POINT___WT_PWR 323820	67.61 0.40 0.00	65.29 -1.35 0.00	62.53 -2.30 -0.01	56.57 -1.93 -0.02	70.36 -2.27 -0.54	64.42 -1.87 -0.11	68.06 -2.01 -0.06	66.34 -1.89 0.00	78.77 -0.87 -0.29	55.72 0.42 0.00	89.19 0.80 0.00	97.60 1.58 0.00	98.48 0.89 0.00	102.56 0.57 0.00	120.04 2.83 0.00	129.64 4.95 0.00	164.43 4.75 0.00	165.50 5.40 0.00	50.62 1.23 -2.44	65.08 0.74 -2.11	78.69 0.08 -4.61	85.82 0.30 -7.05	95.98 -0.33 0.00	87.95 -0.91 0.00
ELBRIDGE_115KV_TB2 80188	67.04 -0.17 0.00	65.90 -0.74 0.00	63.99 -0.88 -0.06	57.91 -0.65 -0.09	73.62 -0.92 -2.45	65.84 -0.85 -0.51	69.19 -1.08 -0.26	67.30 -0.93 0.00	79.88 -0.78 -1.31	55.03 -0.26 0.00	87.93 -0.46 0.00	96.13 0.11 0.00	97.66 0.06 0.00	102.05 0.05 0.00	117.86 0.65 0.00	125.75 1.06 0.00	160.77 1.09 0.00	161.12 1.02 0.00	47.20 0.25 0.00	62.60 0.38 0.00	74.40 0.39 0.00	78.95 0.48 0.00	96.40 0.08 0.00	88.43 -0.43 0.00
ELEC_TRO_TEK 24086	71.91 3.57 -1.13	73.05 3.41 -3.00	69.60 3.31 -1.48	62.22 3.14 -0.61	76.27 3.70 -0.47	69.65 3.47 0.00	73.42 3.41 0.00	71.63 3.39 0.00	85.47 5.03 -1.10	59.92 4.15 -0.48	95.91 6.90 -0.61	103.14 6.85 -0.27	105.60 7.36 -0.64	109.32 7.32 0.00	128.17 10.17 -0.79	141.31 12.48 -4.14	199.18 15.14 -24.36	222.31 15.04 -47.16	165.69 4.45 -114.29	144.05 5.59 -76.24	103.95 6.17 -23.78	111.84 6.10 -27.27	103.13 6.81 0.00	98.64 5.97 -3.81
ELLENBURG_WT_PWR 323604	66.49 -0.73 0.00	66.57 -0.08 0.00	64.90 0.09 0.00	58.24 -0.23 0.00	72.03 -0.06 0.00	66.21 0.03 0.00	69.89 -0.12 0.00	67.80 -0.43 0.00	78.51 -0.84 0.00	54.68 -0.61 0.00	87.27 -1.12 0.00	94.49 -1.53 0.00	95.88 -1.72 0.00	100.14 -1.86 0.00	113.95 -3.26 0.00	120.50 -4.18 0.00	155.15 -4.53 0.00	155.73 -4.37 0.00	45.79 -1.16 0.00	60.86 -1.37 0.00	72.42 -1.58 0.00	76.73 -1.74 0.00	94.50 -1.81 0.00	87.27 -1.59 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	67.65 0.43 0.00	64.71 -1.94 0.00	61.92 -2.90 0.00	56.10 -2.37 0.00	69.55 -2.55 0.00	63.88 -2.30 0.00	66.64 -3.37 0.00	64.77 -3.47 0.00	76.76 -2.58 0.00	55.04 -0.25 0.00	88.69 0.30 0.00	98.17 2.16 0.00	98.63 1.03 0.00	102.84 0.85 0.00	119.13 1.92 0.00	127.16 2.48 0.00	162.58 2.90 0.00	161.99 1.89 0.00	47.01 0.06 0.00	61.97 -0.26 0.00	73.40 -0.60 0.00	78.35 -0.12 0.00	96.51 0.20 0.00	88.93 0.06 0.00
EMPIRE_CC_1 323656	88.22 1.63 -19.38	119.87 1.45 -51.76	91.89 1.53 -25.54	70.63 1.63 -10.53	81.99 1.77 -8.12	65.78 -0.40 0.00	70.14 0.13 0.00	68.51 0.27 0.00	79.39 0.04 0.00	53.34 -0.30 1.64	90.52 2.12 0.00	98.27 2.25 0.00	99.80 2.20 0.00	103.98 1.98 0.00	120.06 2.84 0.00	128.40 3.72 0.00	164.59 4.91 0.00	164.66 4.56 0.00	77.88 1.50 -29.43	86.70 1.85 -22.61	125.56 2.15 -49.42	156.22 2.25 -75.50	98.82 2.50 0.00	91.24 2.38 0.00
EMPIRE_CC_2 323658	88.22 1.63 -19.38	119.87 1.45 -51.76	91.89 1.53 -25.54	70.63 1.63 -10.53	81.99 1.77 -8.12	65.78 -0.40 0.00	70.14 0.13 0.00	68.51 0.27 0.00	79.39 0.04 0.00	53.34 -0.30 1.64	90.52 2.12 0.00	98.27 2.25 0.00	99.80 2.20 0.00	103.98 1.98 0.00	120.06 2.84 0.00	128.40 3.72 0.00	164.59 4.91 0.00	164.66 4.56 0.00	77.88 1.50 -29.43	86.70 1.85 -22.61	125.56 2.15 -49.42	156.22 2.25 -75.50	98.82 2.50 0.00	91.24 2.38 0.00
ENORWICH_115KV_TB1 80156	72.56 5.34 0.00	71.15 4.50 0.00	68.85 4.02 -0.02	62.31 3.81 -0.03	77.70 4.65 -0.96	70.81 4.43 -0.20	74.71 4.60 -0.10	72.70 4.47 0.00	85.24 5.37 -0.52	59.29 4.00 0.00	94.84 6.44 0.00	103.71 7.70 0.00	105.38 7.78 0.00	110.05 8.04 0.00	127.74 10.53 0.00	136.45 11.76 0.00	174.05 14.37 0.00	175.89 15.79 0.00	58.16 5.02 -6.19	74.28 6.69 -5.36	93.13 7.42 -11.72	104.12 7.75 -17.90	104.28 7.97 0.00	95.03 6.17 0.00
ERIE_ST__34_KV_TB1-2 80199	68.29 1.07 0.00	65.34 -1.31 0.00	62.47 -2.34 0.00	56.60 -1.87 0.00	70.10 -1.99 0.00	64.42 -1.76 0.00	67.34 -2.67 0.00	65.57 -2.66 0.00	77.83 -1.52 0.00	55.85 0.56 0.00	90.09 1.70 0.00	99.70 3.69 0.00	100.28 2.68 0.00	104.60 2.60 0.00	121.56 4.35 0.00	129.85 5.17 0.00	166.29 6.61 0.00	165.90 5.80 0.00	48.12 1.17 0.00	63.46 1.24 0.00	75.04 1.04 0.00	79.86 1.39 0.00	98.12 1.81 0.00	90.06 1.20 0.00
ERIE_WT_PWR 323693	68.02 0.80 0.00	65.08 -1.56 0.00	62.24 -2.57 0.00	56.41 -2.07 0.00	69.87 -2.22 0.00	64.21 -1.97 0.00	67.01 -3.01 0.00	65.16 -3.08 0.00	77.46 -1.89 0.00	55.46 0.16 0.00	89.35 0.96 0.00	98.86 2.85 0.00	99.32 1.72 0.00	103.58 1.58 0.00	120.14 2.93 0.00	128.29 3.61 0.00	163.97 4.28 0.00	163.39 3.29 0.00	47.46 0.51 0.00	62.52 0.29 0.00	73.99 -0.01 0.00	78.97 0.51 0.00	97.17 0.85 0.00	89.41 0.55 0.00
ESPRGFLD_115KV_TB1 80157	74.97 3.64 -4.11	80.68 3.05 -10.99	73.02 2.79 -5.42	63.21 2.50 -2.23	76.91 3.09 -1.72	69.17 2.99 0.00	73.01 3.00 0.00	71.12 2.89 0.00	82.50 3.15 0.00	57.60 2.31 0.00	92.51 4.12 0.00	100.82 4.81 0.00	102.41 4.82 0.00	106.98 4.98 0.00	123.49 6.27 0.00	131.42 6.73 0.00	167.82 8.14 0.00	168.50 8.40 0.00	117.64 2.51 -68.18	124.02 3.52 -58.27	205.65 4.32 -127.33	277.60 4.59 -194.55	101.73 5.41 0.00	93.19 4.33 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	68.99 1.78 0.00	67.67 1.03 0.00	65.58 0.73 -0.03	59.35 0.83 -0.05	74.36 0.95 -1.31	67.39 0.94 -0.27	71.06 0.91 -0.14	69.17 0.93 0.00	81.32 1.27 -0.71	56.31 1.02 0.00	89.89 1.49 0.00	98.13 2.11 0.00	99.72 2.12 0.00	104.17 2.17 0.00	120.74 3.53 0.00	129.19 4.50 0.00	165.06 5.37 0.00	166.22 6.11 0.00	51.78 1.92 -2.90	67.49 2.75 -2.51	82.71 3.21 -5.49	90.30 3.44 -8.39	99.76 3.44 0.00	91.21 2.34 0.00
ETNA____115KV_TB2 80207	68.99 1.78 0.00	67.67 1.03 0.00	65.58 0.73 -0.03	59.35 0.83 -0.05	74.36 0.95 -1.31	67.39 0.94 -0.27	71.06 0.91 -0.14	69.17 0.93 0.00	81.32 1.27 -0.71	56.31 1.02 0.00	89.89 1.49 0.00	98.13 2.11 0.00	99.72 2.12 0.00	104.17 2.17 0.00	120.74 3.53 0.00	129.19 4.50 0.00	165.06 5.37 0.00	166.22 6.11 0.00	51.78 1.92 -2.90	67.49 2.75 -2.51	82.71 3.21 -5.49	90.30 3.44 -8.39	99.76 3.44 0.00	91.21 2.34 0.00
EUCLID__115KV_TB2 356179	66.63 -0.59 0.00	65.54 -1.11 0.00	63.54 -1.30 -0.03	57.46 -1.05 -0.04	71.85 -1.34 -1.09	65.14 -1.26 -0.23	68.67 -1.45 -0.11	66.95 -1.28 0.00	78.79 -1.14 -0.58	54.78 -0.51 0.00	87.72 -0.67 0.00	95.77 -0.24 0.00	97.41 -0.19 0.00	101.79 -0.21 0.00	117.47 0.26 0.00	125.30 0.61 0.00	160.29 0.60 0.00	160.38 0.28 0.00	47.00 0.05 0.00	62.29 0.07 0.00	74.03 0.03 0.00	78.58 0.12 0.00	96.05 -0.26 0.00	88.11 -0.75 0.00
E_CANADA_CAP_HY 24051	77.03 4.40 -5.41	84.99 3.90 -14.45	75.54 3.60 -7.13	64.55 3.14 -2.94	78.20 3.83 -2.27	69.77 3.60 0.00	73.58 3.57 0.00	71.30 3.07 0.00	81.93 2.59 0.00	56.99 1.70 0.00	91.55 3.15 0.00	99.60 3.58 0.00	101.23 3.63 0.00	105.94 3.94 0.00	122.19 4.98 0.00	129.54 4.85 0.00	165.93 6.25 0.00	167.28 7.18 0.00	137.64 2.32 -88.37	141.19 3.43 -75.53	243.64 4.59 -165.05	335.66 5.01 -252.18	102.50 6.19 0.00	94.10 5.24 0.00
E_CANADA_MHWK_HY 24050	69.30 2.09 0.00	68.31 1.67 0.00	66.51 1.70 0.00	60.33 1.86 0.00	74.18 2.08 0.00	68.03 1.85 0.00	71.92 1.91 0.00	69.53 1.30 0.00	80.45 1.11 0.00	55.73 0.44 0.00	88.52 0.13 0.00	96.50 0.49 0.00	98.84 1.24 0.00	103.15 1.15 0.00	119.80 2.59 0.00	128.28 3.60 0.00	165.74 6.06 0.00	168.13 8.03 0.00	49.54 2.59 0.00	65.89 3.66 0.00	78.55 4.55 0.00	83.27 4.80 0.00	101.61 5.30 0.00	92.64 3.78 0.00
E_FISHKILL__LBMP 23776	70.90 2.51 -1.17	71.83 2.07 -3.12	68.37 2.02 -1.54	61.19 2.08 -0.63	75.04 2.46 -0.49	68.35 2.17 0.00	72.32 2.31 0.00	70.59 2.37 0.00	82.79 3.44 0.00	58.20 2.91 0.00	93.10 4.70 0.00	101.19 5.18 0.00	103.14 5.54 0.00	107.24 5.25 0.00	124.58 7.37 0.00	133.82 9.14 0.00	170.87 11.19 0.00	171.11 11.01 0.00	60.34 3.14 -10.25	74.49 3.91 -8.35	96.70 4.44 -18.25	110.84 4.49 -27.89	101.28 4.97 0.00	92.81 3.95 0.00
FALCON__SEABRD_CC1 323796	66.62 -0.59 0.00	66.65 0.01 0.00	65.15 0.34 0.00	58.55 0.08 0.00	72.53 0.44 0.00	66.63 0.45 0.00	70.12 0.11 0.00	67.82 -0.41 0.00	78.46 -0.89 0.00	54.81 -0.48 0.00	87.27 -1.13 0.00	94.64 -1.38 0.00	96.19 -1.41 0.00	100.28 -1.72 0.00	114.22 -2.99 0.00	120.72 -3.96 0.00	155.35 -4.33 0.00	156.14 -3.96 0.00	46.00 -0.95 0.00	61.12 -1.11 0.00	72.66 -1.34 0.00	76.94 -1.53 0.00	94.63 -1.68 0.00	87.42 -1.44 0.00
FALCON__SEABRD_CC2 323797	66.62 -0.59 0.00	66.65 0.01 0.00	65.15 0.34 0.00	58.55 0.08 0.00	72.53 0.44 0.00	66.63 0.45 0.00	70.12 0.11 0.00	67.82 -0.41 0.00	78.46 -0.89 0.00	54.81 -0.48 0.00	87.27 -1.13 0.00	94.64 -1.38 0.00	96.19 -1.41 0.00	100.28 -1.72 0.00	114.22 -2.99 0.00	120.72 -3.96 0.00	155.35 -4.33 0.00	156.14 -3.96 0.00	46.00 -0.95 0.00	61.12 -1.11 0.00	72.66 -1.34 0.00	76.94 -1.53 0.00	94.63 -1.68 0.00	87.42 -1.44 0.00

FAR ROCKAWAY___4 23548	72.85 4.51 -1.13	74.11 4.46 -3.00	70.87 4.57 -1.48	63.35 4.27 -0.61	77.62 5.05 -0.47	70.91 4.74 0.00	74.76 4.75 0.00	72.99 4.76 0.00	87.21 6.76 -1.10	61.18 5.41 -0.48	97.75 8.75 -0.61	105.17 8.88 -0.27	107.00 8.76 -0.64	110.74 8.74 0.00	129.96 11.96 -0.79	143.52 14.46 -4.37	213.26 17.93 -35.65	269.86 17.90 -91.87	247.99 5.29 -195.75	209.31 6.63 -140.46	105.17 7.39 -23.78	113.06 7.33 -27.27	104.83 8.52 0.00	100.10 7.42 -3.81
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	71.67 3.33 -1.12	72.24 2.59 -3.00	68.75 2.45 -1.48	61.57 2.49 -0.61	75.58 3.02 -0.47	68.87 2.69 0.00	72.99 2.98 0.00	71.27 3.03 0.00	83.87 4.53 0.00	59.26 3.97 0.00	94.72 6.32 0.00	103.07 7.05 0.00	105.01 7.41 0.00	109.24 7.24 0.00	127.24 10.03 0.00	136.93 12.25 0.00	174.65 14.96 0.00	174.75 14.65 0.00	61.08 4.12 -10.01	75.49 5.10 -8.16	97.62 5.78 -17.84	111.60 5.87 -27.26	102.75 6.44 0.00	93.91 5.05 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	71.69 3.35 -1.12	72.27 2.62 -3.00	68.78 2.49 -1.48	61.58 2.50 -0.61	75.61 3.04 -0.47	68.89 2.71 0.00	73.00 2.99 0.00	71.27 3.04 0.00	83.88 4.53 0.00	59.26 3.97 0.00	94.72 6.32 0.00	103.08 7.06 0.00	105.03 7.44 0.00	109.25 7.25 0.00	127.27 10.06 0.00	136.95 12.26 0.00	174.66 14.98 0.00	174.76 14.66 0.00	61.09 4.13 -10.01	75.51 5.12 -8.16	97.64 5.80 -17.84	111.61 5.89 -27.26	102.78 6.47 0.00	93.94 5.08 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	71.61 3.27 -1.12	72.18 2.53 -3.00	68.70 2.40 -1.48	61.52 2.43 -0.61	75.54 2.97 -0.47	68.82 2.65 0.00	72.93 2.92 0.00	71.20 2.97 0.00	83.80 4.45 0.00	59.21 3.92 0.00	94.64 6.24 0.00	102.99 6.97 0.00	104.93 7.33 0.00	109.14 7.14 0.00	127.13 9.92 0.00	136.80 12.11 0.00	174.46 14.78 0.00	174.57 14.47 0.00	61.02 4.06 -10.01	75.41 5.02 -8.16	97.52 5.68 -17.84	111.47 5.75 -27.26	102.65 6.33 0.00	93.81 4.95 0.00
FARRAGUT___LBMP 323566	71.54 3.20 -1.12	72.12 2.47 -3.00	68.65 2.35 -1.48	61.46 2.38 -0.61	75.47 2.90 -0.47	68.76 2.58 0.00	72.85 2.84 0.00	71.12 2.89 0.00	83.68 4.33 0.00	59.13 3.84 0.00	94.49 6.10 0.00	102.85 6.84 0.00	104.74 7.14 0.00	108.96 6.96 0.00	126.94 9.73 0.00	136.59 11.90 0.00	174.26 14.57 0.00	174.34 14.24 0.00	60.96 4.00 -10.01	75.34 4.94 -8.16	97.43 5.59 -17.84	111.39 5.66 -27.26	102.54 6.23 0.00	93.71 4.84 0.00
FENNER___WINDPWR 24204	69.15 1.94 0.00	68.11 1.47 0.00	66.05 1.22 -0.02	59.66 1.15 -0.04	74.48 1.37 -1.02	67.66 1.27 -0.21	71.43 1.31 -0.11	69.49 1.26 0.00	81.98 2.30 -0.34	57.16 1.87 0.00	91.55 3.16 0.00	99.37 3.35 0.00	100.87 3.27 0.00	105.74 3.74 0.00	121.90 4.69 0.00	128.79 4.10 0.00	165.02 5.33 0.00	165.62 5.52 0.00	48.62 1.66 0.00	64.55 2.32 0.00	76.93 2.93 0.00	81.56 3.10 0.00	99.88 3.57 0.00	91.57 2.70 0.00
FIBERTEK___ENERGY 23856	67.03 -0.18 0.00	66.23 -0.42 0.00	64.36 -0.51 -0.05	58.22 -0.34 -0.08	73.86 -0.55 -2.32	65.96 -0.70 -0.48	69.18 -1.07 -0.25	67.32 -0.91 0.00	79.82 -0.77 -1.25	55.00 -0.29 0.00	88.07 -0.32 0.00	96.19 0.17 0.00	97.82 0.22 0.00	102.29 0.29 0.00	118.13 0.92 0.00	126.09 1.41 0.00	161.23 1.55 0.00	161.43 1.34 0.00	47.30 0.35 0.00	62.74 0.51 0.00	74.54 0.54 0.00	79.08 0.61 0.00	96.54 0.23 0.00	88.53 -0.33 0.00
FITZPATRICK___ 23598	65.54 -1.67 0.00	64.56 -2.08 0.00	62.32 -2.20 0.30	56.13 -1.88 0.47	56.71 -2.36 13.03	61.27 -2.19 2.72	66.23 -2.40 1.38	65.99 -2.24 0.00	69.99 -2.40 6.96	53.86 -1.43 0.00	86.05 -2.34 0.00	93.84 -2.18 0.00	95.42 -2.18 0.00	99.71 -2.30 0.00	114.85 -2.36 0.00	122.36 -2.33 0.00	156.48 -3.20 0.00	156.79 -3.31 0.00	45.97 -0.97 0.00	60.95 -1.28 0.00	72.46 -1.54 0.00	76.94 -1.53 0.00	94.15 -2.17 0.00	86.51 -2.35 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	71.14 3.93 0.00	70.02 3.38 0.00	68.03 3.22 0.00	61.57 3.10 0.00	75.80 3.70 0.00	69.53 3.36 0.00	73.60 3.59 0.00	71.93 3.70 0.00	84.47 5.12 0.00	59.46 4.17 0.00	95.18 6.79 0.00	103.47 7.45 0.00	105.38 7.78 0.00	109.71 7.71 0.00	127.54 10.33 0.00	136.55 11.86 0.00	174.32 14.64 0.00	174.68 14.58 0.00	61.45 4.15 -10.35	75.97 5.19 -8.56	98.59 5.89 -18.70	113.04 6.00 -28.58	103.33 7.01 0.00	94.59 5.72 0.00
FORT ORANGE___ 23900	32.23 0.84 35.82	-28.39 0.66 95.70	18.34 0.74 47.22	39.86 0.85 19.46	57.93 0.86 15.02	66.03 -0.15 0.00	70.46 0.45 0.00	68.81 0.58 0.00	79.74 0.39 0.00	53.98 -0.10 1.21	89.12 0.73 0.00	96.73 0.71 0.00	98.45 0.85 0.00	102.63 0.63 0.00	118.61 1.40 0.00	126.89 2.21 0.00	162.89 3.21 0.00	164.00 3.90 0.00	88.85 1.18 -40.72	107.46 1.53 -43.71	171.27 1.76 -95.51	226.14 1.74 -145.93	98.22 1.90 0.00	90.53 1.67 0.00
FORT_DRUM_COGEN 23780	70.49 3.28 0.00	69.22 2.58 0.00	67.08 2.23 -0.04	60.46 1.92 -0.06	76.23 2.41 -1.73	68.74 2.20 -0.36	72.18 1.98 -0.18	69.78 1.55 0.00	82.42 2.15 -0.92	56.93 1.63 0.00	90.98 2.59 0.00	98.56 2.55 0.00	99.60 2.01 0.00	104.26 2.26 0.00	119.56 2.36 0.00	127.35 2.66 0.00	163.71 4.03 0.00	163.27 3.17 0.00	48.35 1.40 0.00	65.37 3.14 0.00	79.75 5.75 0.00	84.63 6.17 0.00	102.32 6.01 0.00	92.83 3.97 0.00
FOX_HILLS___ESR 323835	71.33 2.99 -1.12	71.79 2.31 -2.83	68.51 2.22 -1.48	61.20 2.24 -0.48	70.73 2.53 3.90	61.00 2.32 7.50	67.25 2.58 5.33	57.78 2.58 13.03	80.11 3.92 3.16	58.88 3.59 0.00	93.97 5.58 0.00	102.33 6.31 0.00	104.26 6.66 0.00	108.32 6.32 0.00	126.19 8.98 0.00	135.80 11.11 0.00	173.48 13.79 0.00	173.55 13.45 0.00	60.73 3.77 -10.00	75.14 4.72 -8.19	97.32 5.47 -17.85	111.30 5.56 -27.27	102.46 6.14 -0.01	93.67 4.80 -0.01
FPL_FAR_ROCK_GT1 24212	72.85 4.51 -1.13	74.12 4.46 -3.01	70.87 4.57 -1.48	63.35 4.27 -0.61	77.62 5.05 -0.47	70.92 4.74 0.00	74.74 4.73 0.00	72.99 4.76 0.00	87.18 6.73 -1.10	61.18 5.41 -0.48	97.77 8.76 -0.61	105.18 8.89 -0.27	106.99 8.75 -0.64	110.74 8.73 0.00	129.97 11.96 -0.79	143.50 14.44 -4.37	213.26 17.93 -35.65	269.87 17.90 -91.87	247.98 5.27 -195.75	209.31 6.63 -140.46	105.16 7.38 -23.78	113.05 7.31 -27.27	104.83 8.52 0.00	100.07 7.39 -3.82
FPL_FAR_ROCK_GT2 23815	72.85 4.51 -1.13	74.12 4.46 -3.01	70.87 4.57 -1.48	63.35 4.27 -0.61	77.62 5.05 -0.47	70.92 4.74 0.00	74.74 4.73 0.00	72.99 4.76 0.00	87.18 6.73 -1.10	61.18 5.41 -0.48	97.77 8.76 -0.61	105.18 8.89 -0.27	106.99 8.75 -0.64	110.74 8.73 0.00	129.97 11.96 -0.79	143.50 14.44 -4.37	213.26 17.93 -35.65	269.87 17.90 -91.87	247.98 5.27 -195.75	209.31 6.63 -140.46	105.16 7.38 -23.78	113.05 7.31 -27.27	104.83 8.52 0.00	100.07 7.39 -3.82
FRANKLIN_FALL_HYD 24054	67.62 0.40 0.00	67.60 0.96 0.00	65.79 0.97 0.00	58.98 0.51 0.00	72.96 0.87 0.00	67.09 0.92 0.00	70.82 0.81 0.00	68.59 0.36 0.00	79.21 -0.13 0.00	55.20 -0.09 0.00	88.15 -0.25 0.00	95.29 -0.73 0.00	96.48 -1.11 0.00	100.85 -1.15 0.00	114.62 -2.59 0.00	121.14 -3.55 0.00	156.27 -3.41 0.00	156.87 -3.23 0.00	46.19 -0.76 0.00	61.63 -0.60 0.00	73.60 -0.40 0.00	78.11 -0.36 0.00	96.38 0.07 0.00	88.86 0.00 0.00

FREEPORT_EQUS_GT1 23764	72.34	73.71	70.21	62.74	76.88	70.25	73.95	72.13	85.99	60.22	96.17	103.31	105.81	109.59	128.60	141.82	195.33	207.24	156.14	136.70	104.38	112.21	103.54	98.99
	4.00	4.06	3.92	3.66	4.31	4.07	3.94	3.90	5.54	4.44	7.16	7.03	7.57	7.59	10.60	13.01	15.93	16.02	4.76	5.99	6.60	6.48	7.23	6.31
	-1.13	-3.01	-1.48	-0.61	-0.47	0.00	0.00	0.00	-1.10	-0.48	-0.61	-0.27	-0.64	0.00	-0.79	-4.12	-19.72	-31.12	-104.43	-68.48	-23.78	-27.27	0.00	-3.81
FREEPORT___CT2 23818	72.34	73.71	70.21	62.74	76.88	70.25	73.95	72.13	85.99	60.22	96.17	103.31	105.81	109.59	128.60	141.82	195.33	207.24	156.14	136.70	104.38	112.21	103.54	98.99
	4.00	4.06	3.92	3.66	4.31	4.07	3.94	3.90	5.54	4.44	7.16	7.03	7.57	7.59	10.60	13.01	15.93	16.02	4.76	5.99	6.60	6.48	7.23	6.31
	-1.13	-3.01	-1.48	-0.61	-0.47	0.00	0.00	0.00	-1.10	-0.48	-0.61	-0.27	-0.64	0.00	-0.79	-4.12	-19.72	-31.12	-104.43	-68.48	-23.78	-27.27	0.00	-3.81
FRESHKLS_33_KV_LOAD 356253	71.33	71.79	68.53	60.96	70.37	60.96	67.24	57.72	80.21	58.99	94.16	102.57	104.49	108.56	126.50	136.13	173.91	174.03	60.86	74.84	97.64	111.64	102.86	94.01
	2.99	2.32	2.24	2.23	2.41	2.29	2.56	2.52	4.02	3.70	5.77	6.56	6.89	6.56	9.29	11.44	14.23	13.93	3.90	4.94	5.79	5.91	6.54	5.14
	-1.12	-2.83	-1.48	-0.26	4.14	7.50	5.33	13.03	3.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.00	-7.67	-17.85	-27.27	-0.01	-0.01
FULTON COGEN____ 23766	66.40	65.34	63.42	57.39	74.75	65.59	68.82	66.77	80.22	54.56	87.23	95.19	96.85	101.26	116.98	124.76	159.17	159.69	46.85	62.08	73.80	78.37	95.73	87.76
	-0.82	-1.31	-1.49	-1.24	-1.57	-1.47	-1.65	-1.46	-1.39	-0.73	-1.16	-0.83	-0.75	-0.74	-0.23	0.07	-0.51	-0.40	-0.10	-0.15	-0.20	-0.10	-0.58	-1.10
	0.00	0.00	-0.10	-0.15	-4.22	-0.88	-0.45	0.00	-2.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FULTON___LFGE 323630	77.94	86.81	76.66	65.30	79.06	70.35	74.12	71.52	81.74	56.54	90.45	98.26	100.04	104.74	121.15	128.90	167.10	169.84	146.79	149.51	260.80	361.06	103.90	95.24
	4.79	4.28	4.01	3.60	4.48	4.17	4.11	3.29	2.39	1.25	2.06	2.25	2.44	2.74	3.94	4.21	7.42	9.74	3.09	4.59	6.10	6.51	7.59	6.37
	-5.94	-15.88	-7.83	-3.23	-2.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-96.75	-82.69	-180.69	-276.09	0.00	0.00
G.F.CEMENT___DRP 24184	83.17	100.51	83.49	68.33	81.49	70.14	73.72	71.77	83.21	58.93	92.05	100.33	102.85	107.41	124.22	132.76	171.77	173.57	150.67	151.60	263.84	365.20	104.12	95.26
	4.94	4.41	4.14	3.87	4.78	3.97	3.71	3.54	3.86	2.70	3.66	4.31	5.25	5.41	7.01	8.07	12.08	13.48	4.55	5.60	6.80	7.05	7.80	6.40
	-11.02	-29.45	-14.53	-5.99	-4.62	0.00	0.00	0.00	0.00	-0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-99.17	-83.77	-183.04	-279.68	0.00	0.00
GARDENVILLE___LBMP 24039	67.77	64.87	62.04	56.23	69.67	64.00	66.81	64.93	77.01	55.21	88.95	98.40	98.89	103.08	119.53	127.62	163.16	162.64	47.17	62.19	73.63	78.58	96.73	89.02
	0.56	-1.77	-2.77	-2.24	-2.43	-2.17	-3.20	-3.30	-2.33	-0.09	0.56	2.39	1.29	1.08	2.32	2.93	3.48	2.54	0.22	-0.04	-0.37	0.12	0.41	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
GARDNVLA_35_KV_LD 355827	68.15	65.18	62.32	56.46	69.94	64.27	67.07	65.24	77.43	55.52	89.54	99.16	99.68	103.95	120.59	128.73	164.71	164.08	47.62	62.75	74.23	79.16	97.39	89.58
	0.93	-1.46	-2.50	-2.01	-2.15	-1.91	-2.94	-2.99	-1.92	0.23	1.15	3.15	2.08	1.95	3.38	4.04	5.03	3.98	0.67	0.53	0.23	0.69	1.07	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GELCKHM___115KV_LOAD 80723	66.77	65.80	63.86	57.76	72.58	65.44	68.85	67.09	79.20	54.89	87.90	95.98	97.54	101.97	117.73	125.55	160.61	160.76	47.10	62.46	74.22	78.75	96.21	88.25
	-0.45	-0.85	-0.98	-0.77	-1.04	-1.05	-1.33	-1.15	-0.96	-0.40	-0.49	-0.03	-0.06	-0.03	0.52	0.87	0.92	0.66	0.15	0.23	0.22	0.28	-0.11	-0.61
	0.00	0.00	-0.04	-0.05	-1.52	-0.32	-0.16	0.00	-0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENERAL___MILLS 23808	67.97	65.04	62.19	56.37	69.83	64.15	66.96	65.11	77.25	55.37	89.25	98.78	99.29	103.51	120.06	128.16	163.90	163.38	47.41	62.49	73.93	78.88	97.09	89.33
	0.75	-1.60	-2.62	-2.11	-2.27	-2.03	-3.05	-3.12	-2.09	0.08	0.86	2.77	1.69	1.51	2.85	3.48	4.22	3.29	0.46	0.27	-0.07	0.42	0.77	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GE_PLASTICS___DRP 24183	45.87	8.77	36.56	47.28	63.61	66.19	70.35	68.66	79.78	54.60	89.10	96.75	98.44	102.57	118.46	126.59	162.16	162.88	83.36	99.23	153.77	199.72	97.49	89.86
	0.44	0.35	0.47	0.64	0.65	0.02	0.34	0.43	0.44	0.16	0.70	0.73	0.85	0.57	1.25	1.91	2.48	2.78	0.84	1.01	1.14	1.11	1.17	1.00
	21.79	58.22	28.72	11.84	9.14	0.00	0.00	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-35.56	-35.98	-78.63	-120.15	0.00	0.00
GILBOA___1 23756	68.60	67.97	66.58	60.48	74.47	68.07	72.02	70.46	81.95	56.74	90.69	98.58	100.22	104.15	120.36	128.47	164.09	164.58	54.32	69.11	87.53	98.19	99.00	91.01
	1.39	1.32	1.77	2.00	2.37	1.89	2.01	2.23	2.60	1.45	2.30	2.57	2.62	2.15	3.15	3.78	4.40	4.48	1.31	1.64	2.08	2.22	2.68	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	-6.06	-5.24	-11.46	-17.50	0.00	0.00
GILBOA___2 23757	68.60	67.97	66.58	60.48	74.47	68.07	72.02	70.46	81.95	56.74	90.69	98.58	100.22	104.15	120.36	128.47	164.09	164.58	54.32	69.11	87.53	98.19	99.00	91.01
	1.39	1.32	1.77	2.00	2.37	1.89	2.01	2.23	2.60	1.45	2.30	2.57	2.62	2.15	3.15	3.78	4.40	4.48	1.31	1.64	2.08	2.22	2.68	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	-6.06	-5.24	-11.46	-17.50	0.00	0.00
GILBOA___3 23758	68.60	67.97	66.58	60.48	74.47	68.07	72.02	70.46	81.95	56.74	90.69	98.58	100.22	104.15	120.36	128.47	164.09	164.58	54.32	69.11	87.53	98.19	99.00	91.01
	1.39	1.32	1.77	2.00	2.37	1.89	2.01	2.23	2.60	1.45	2.30	2.57	2.62	2.15	3.15	3.78	4.40	4.48	1.31	1.64	2.08	2.22	2.68	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	-6.06	-5.24	-11.46	-17.50	0.00	0.00
GILBOA___4 23759	68.60	67.97	66.58	60.48	74.47	68.07	72.02	70.46	81.95	56.74	90.69	98.58	100.22	104.15	120.36	128.47	164.09	164.58	54.32	69.11	87.53	98.19	99.00	91.01
	1.39	1.32	1.77	2.00	2.37	1.89	2.01	2.23	2.60	1.45	2.30	2.57	2.62	2.15	3.15	3.78	4.40	4.48	1.31	1.64	2.08	2.22	2.68	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	-6.06	-5.24	-11.46	-17.50	0.00	0.00

GILBOA____ 23599	68.60 1.39 0.00	67.97 1.32 0.00	66.58 1.77 0.00	60.48 2.00 0.00	74.47 2.38 0.00	68.08 1.90 0.00	72.03 2.02 0.00	70.46 2.23 0.00	81.95 2.60 0.00	56.74 1.45 0.00	90.69 2.30 0.00	98.58 2.57 0.00	100.22 2.62 0.00	104.14 2.14 0.00	120.36 3.15 0.00	128.46 3.78 0.00	164.09 4.41 0.00	164.58 4.48 0.00	54.32 1.31 -6.06	69.11 1.64 -5.24	87.53 2.08 -11.46	98.19 2.22 -17.50	99.00 2.69 0.00	91.02 2.16 0.00
GINNA____ 23603	65.39 -1.83 0.00	63.37 -3.27 0.00	61.03 -3.78 0.00	55.17 -3.31 0.00	68.17 -3.93 0.00	62.64 -3.54 0.00	65.91 -4.10 0.00	64.34 -3.89 0.00	75.70 -3.65 0.00	53.64 -1.65 0.00	86.34 -2.05 0.00	95.08 -0.93 0.00	96.44 -1.16 0.00	100.66 -1.34 0.00	115.70 -1.51 0.00	123.34 -1.34 0.00	157.53 -2.15 0.00	157.74 -2.36 0.00	46.18 -0.78 0.00	61.08 -1.15 0.00	72.58 -1.42 0.00	77.17 -1.30 0.00	94.29 -2.03 0.00	86.60 -2.26 0.00
GLEN PARK____ 23778	70.80 3.59 0.00	69.49 2.85 0.00	67.28 2.43 -0.04	60.65 2.11 -0.07	76.56 2.64 -1.82	68.98 2.42 -0.38	72.46 2.26 -0.19	70.00 1.77 0.00	82.79 2.48 -0.97	57.21 1.91 0.00	91.41 3.02 0.00	98.96 2.95 0.00	99.93 2.33 0.00	104.55 2.55 0.00	120.06 2.85 0.00	127.92 3.23 0.00	164.51 4.82 0.00	163.83 3.74 0.00	48.58 1.63 0.00	65.76 3.53 0.00	80.36 6.36 0.00	85.34 6.87 0.00	103.10 6.79 0.00	93.46 4.60 0.00
GLENDALE_27_KV_LOAD 356172	58.25 3.35 12.32	58.85 2.62 10.41	56.08 2.46 11.18	57.06 2.48 3.89	56.77 2.88 18.20	55.83 2.52 12.88	56.71 2.79 16.09	57.16 2.84 13.91	71.69 4.24 11.90	59.22 3.93 0.00	94.47 6.08 0.00	102.81 6.80 0.00	104.12 7.10 0.57	108.86 6.86 0.00	126.88 9.67 0.00	136.53 11.85 0.00	174.20 14.51 0.00	174.23 14.13 0.00	59.40 3.99 -8.46	62.59 4.93 4.57	83.17 5.62 -3.55	85.59 5.68 -1.44	85.72 6.25 16.84	73.74 4.87 19.98
GLENWOOD_IC_1_G5 23712	71.72 3.38 -1.13	72.73 3.09 -3.00	69.61 3.32 -1.48	62.26 3.18 -0.61	76.34 3.78 -0.47	69.66 3.48 0.00	73.54 3.53 0.00	71.36 3.13 0.00	85.26 4.81 -1.10	60.19 4.41 -0.48	95.91 6.91 -0.61	103.38 7.09 -0.27	105.84 7.60 -0.64	109.52 7.52 0.00	128.45 10.45 -0.79	141.57 12.80 -4.09	196.56 15.66 -21.21	210.22 15.49 -34.63	144.64 4.46 -93.22	127.46 5.61 -59.63	103.99 6.21 -23.78	111.92 6.18 -27.27	103.06 6.75 0.00	98.27 5.59 -3.81
GLENWOOD_IC_2_G1 23688	71.74 3.40 -1.13	72.62 2.97 -3.00	69.19 2.90 -1.48	61.90 2.82 -0.61	75.92 3.36 -0.47	69.25 3.07 0.00	73.17 3.16 0.00	71.37 3.14 0.00	85.08 4.63 -1.10	59.76 3.99 -0.48	95.57 6.56 -0.61	103.22 6.93 -0.27	105.58 7.34 -0.64	109.23 7.23 0.00	128.00 9.99 -0.79	141.00 12.25 -4.06	195.64 14.95 -21.01	207.64 14.76 -32.77	135.72 4.24 -84.53	120.32 5.31 -52.78	103.74 5.96 -23.78	111.72 5.99 -27.27	102.88 6.56 0.00	98.10 5.42 -3.81
GLENWOOD_IC_3_G1 23689	71.74 3.40 -1.13	72.62 2.97 -3.00	69.19 2.90 -1.48	61.90 2.82 -0.61	75.92 3.36 -0.47	69.25 3.07 0.00	73.17 3.16 0.00	71.37 3.14 0.00	85.08 4.63 -1.10	59.76 3.99 -0.48	95.57 6.56 -0.61	103.22 6.93 -0.27	105.58 7.34 -0.64	109.23 7.23 0.00	128.00 9.99 -0.79	141.00 12.25 -4.06	195.64 14.95 -21.01	207.64 14.76 -32.77	135.72 4.24 -84.53	120.32 5.31 -52.78	103.74 5.96 -23.78	111.72 5.99 -27.27	102.88 6.56 0.00	98.10 5.42 -3.81
GLENWOOD____4 23550	71.86 3.52 -1.13	72.87 3.22 -3.00	69.61 3.32 -1.48	62.26 3.18 -0.61	76.34 3.78 -0.47	69.66 3.48 0.00	73.56 3.55 0.00	71.54 3.31 0.00	85.46 5.01 -1.10	60.19 4.41 -0.48	96.10 7.09 -0.61	103.62 7.33 -0.27	106.07 7.83 -0.64	109.76 7.76 0.00	128.73 10.73 -0.79	141.86 13.08 -4.09	196.93 16.03 -21.21	210.58 15.85 -34.63	144.75 4.58 -93.22	127.60 5.74 -59.63	104.16 6.38 -23.78	112.11 6.38 -27.27	103.28 6.97 0.00	98.49 5.82 -3.81
GLENWOOD____5 23614	71.86 3.52 -1.13	72.87 3.22 -3.00	69.61 3.32 -1.48	62.26 3.18 -0.61	76.34 3.78 -0.47	69.66 3.48 0.00	73.56 3.55 0.00	71.54 3.31 0.00	85.46 5.01 -1.10	60.19 4.41 -0.48	96.10 7.09 -0.61	103.62 7.33 -0.27	106.07 7.83 -0.64	109.76 7.76 0.00	128.73 10.73 -0.79	141.86 13.08 -4.09	196.93 16.03 -21.21	210.58 15.85 -34.63	144.75 4.58 -93.22	127.60 5.74 -59.63	104.16 6.38 -23.78	112.11 6.38 -27.27	103.28 6.97 0.00	98.49 5.82 -3.81
GLOBAL GREEN_PORT_GT1 23814	75.36 7.02 -1.12	77.14 7.49 -3.00	73.65 7.36 -1.48	65.67 6.59 -0.61	80.46 7.89 -0.47	74.13 7.95 0.00	78.33 8.32 0.00	75.51 7.28 0.00	87.66 7.21 -1.10	62.37 6.59 -0.48	161.66 11.75 -61.52	203.62 11.37 -96.24	167.58 12.24 -57.75	175.85 11.87 -61.99	178.32 14.80 -46.31	200.05 17.58 -57.79	265.23 20.96 -84.59	266.59 21.93 -84.56	263.01 6.44 -209.62	274.48 7.91 -204.34	340.94 8.32 -258.62	166.82 9.36 -78.99	112.44 10.94 -5.19	247.78 11.00 -147.91
GLOBE____DSASP 323697	65.62 -1.59 0.00	62.67 -3.97 0.00	59.98 -4.83 0.00	54.38 -4.09 0.00	67.55 -4.55 0.00	61.94 -4.24 0.00	64.40 -5.61 0.00	62.41 -5.82 0.00	73.78 -5.56 0.00	52.94 -2.35 0.00	85.34 -3.05 0.00	94.69 -1.32 0.00	95.03 -2.57 0.00	98.97 -3.03 0.00	114.13 -3.09 0.00	121.64 -3.05 0.00	155.63 -4.06 0.00	154.94 -5.16 0.00	45.11 -1.84 0.00	59.37 -2.86 0.00	70.40 -3.60 0.00	75.34 -3.12 0.00	93.31 -3.00 0.00	86.87 -1.99 0.00
GOETHSLN____LBMP 323567	71.07 2.73 -1.12	71.46 1.99 -2.83	68.16 1.88 -1.47	60.19 1.96 0.24	52.52 2.42 21.99	57.91 2.10 10.36	66.99 2.31 5.34	57.56 2.36 13.03	79.96 3.77 3.16	58.82 3.52 0.00	93.94 5.55 0.00	102.28 6.27 0.00	104.17 6.57 0.00	108.35 6.34 0.00	126.24 9.03 0.00	135.92 11.23 0.00	173.34 13.65 0.00	173.44 13.34 0.00	60.67 3.71 -10.01	72.51 4.54 -5.75	96.93 5.09 -17.84	110.87 5.14 -27.26	101.92 5.60 0.00	93.12 4.26 0.00
GOLAH____69_KV_TB 1_2 80279	68.98 1.77 0.00	66.43 -0.21 0.00	63.86 -0.95 0.00	57.76 -0.71 0.00	71.45 -0.64 0.00	65.66 -0.52 0.00	68.90 -1.12 0.00	67.16 -1.07 0.00	79.01 -0.34 0.00	56.14 0.85 0.00	90.34 1.95 0.00	99.59 3.57 0.00	100.81 3.22 0.00	105.11 3.11 0.00	121.29 4.08 0.00	129.56 4.87 0.00	165.23 5.55 0.00	164.79 4.70 0.00	48.22 1.26 0.00	63.90 1.67 0.00	75.93 1.93 0.00	80.86 2.39 0.00	99.03 2.72 0.00	91.28 2.42 0.00
GOODYEAR_LAKE_HYD 323669	71.60 2.72 -1.66	73.30 2.21 -4.44	69.12 2.11 -2.19	61.44 2.06 -0.90	75.31 2.52 -0.70	68.55 2.37 0.00	72.44 2.43 0.00	70.73 2.50 0.00	82.68 3.14 -0.19	57.61 2.32 0.00	92.35 3.96 0.00	100.68 4.67 0.00	102.33 4.74 0.00	106.71 4.71 0.00	123.46 6.25 0.00	131.83 7.15 0.00	168.29 8.61 0.00	168.74 8.64 0.00	79.41 2.52 -29.94	91.20 3.39 -25.58	133.82 3.92 -55.90	168.02 4.14 -85.41	101.06 4.75 0.00	92.50 3.64 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	67.90 0.68 0.00	66.64 0.00 0.00	64.54 -0.29 -0.02	58.54 0.04 -0.03	73.01 -0.01 -0.92	66.39 0.02 -0.19	70.00 -0.11 -0.10	68.20 -0.03 0.00	80.41 0.57 -0.49	56.00 0.70 0.00	89.64 1.25 0.00	97.85 1.83 0.00	99.25 1.65 0.00	103.46 1.46 0.00	120.18 2.97 0.00	128.65 3.96 0.00	163.74 4.06 0.00	164.11 4.01 0.00	52.13 1.05 -4.12	67.28 1.48 -3.57	83.39 1.59 -7.80	92.15 1.76 -11.92	97.99 1.67 0.00	89.59 0.73 0.00

GOUDEY___7 23579	67.90 0.68 0.00	66.64 0.00 0.00	64.54 -0.29 -0.02	58.54 0.04 -0.03	73.01 -0.01 -0.92	66.39 0.02 -0.19	70.00 -0.11 -0.10	68.20 -0.03 0.00	80.41 0.57 -0.49	56.00 0.70 0.00	89.64 1.25 0.00	97.85 1.83 0.00	99.25 1.65 0.00	103.46 1.46 0.00	120.18 2.97 0.00	128.65 3.96 0.00	163.74 4.06 0.00	164.11 4.01 0.00	52.13 1.05 -4.12	67.28 1.48 -3.57	83.39 1.59 -7.80	92.15 1.76 -11.92	97.99 1.67 0.00	89.59 0.73 0.00
GOUDEY___8 23580	67.90 0.68 0.00	66.64 0.00 0.00	64.54 -0.29 -0.02	58.54 0.04 -0.03	73.01 -0.01 -0.92	66.39 0.02 -0.19	70.00 -0.11 -0.10	68.20 -0.03 0.00	80.41 0.57 -0.49	56.00 0.70 0.00	89.64 1.25 0.00	97.85 1.83 0.00	99.25 1.65 0.00	103.46 1.46 0.00	120.18 2.97 0.00	128.65 3.96 0.00	163.74 4.06 0.00	164.11 4.01 0.00	52.13 1.05 -4.12	67.28 1.48 -3.57	83.39 1.59 -7.80	92.15 1.76 -11.92	97.99 1.67 0.00	89.59 0.73 0.00
GOWANUS_GT1_1 24077	71.54 3.21 -1.12	71.96 2.49 -2.83	68.65 2.37 -1.48	61.37 2.41 -0.48	71.07 2.87 3.90	61.20 2.52 7.50	67.45 2.77 5.33	57.95 2.75 13.03	80.32 4.13 3.16	59.05 3.75 0.00	94.18 5.79 0.00	102.57 6.56 0.00	104.48 6.89 0.00	108.60 6.60 0.00	126.52 9.31 0.00	136.11 11.43 0.00	173.74 14.05 0.00	173.86 13.76 0.00	60.81 3.85 -10.00	115.04 4.80 -48.01	97.26 5.41 -17.85	111.22 5.48 -27.27	102.36 6.04 -0.01	93.57 4.70 -0.01
GOWANUS_GT1_2 24078	71.54 3.21 -1.12	71.96 2.49 -2.83	68.65 2.37 -1.48	61.37 2.41 -0.48	71.07 2.87 3.90	61.20 2.52 7.50	67.45 2.77 5.33	57.95 2.75 13.03	80.32 4.13 3.16	59.05 3.75 0.00	94.18 5.79 0.00	102.57 6.56 0.00	104.48 6.89 0.00	108.60 6.60 0.00	126.52 9.31 0.00	136.11 11.43 0.00	173.74 14.05 0.00	173.86 13.76 0.00	60.81 3.85 -10.00	115.04 4.80 -48.01	97.26 5.41 -17.85	111.22 5.48 -27.27	102.36 6.04 -0.01	93.57 4.70 -0.01
GOWANUS_GT1_3 24079	71.54 3.21 -1.12	71.96 2.49 -2.83	68.65 2.37 -1.48	61.37 2.41 -0.48	71.07 2.87 3.90	61.20 2.52 7.50	67.45 2.77 5.33	57.95 2.75 13.03	80.32 4.13 3.16	59.05 3.75 0.00	94.18 5.79 0.00	102.57 6.56 0.00	104.48 6.89 0.00	108.60 6.60 0.00	126.52 9.31 0.00	136.11 11.43 0.00	173.74 14.05 0.00	173.86 13.76 0.00	60.81 3.85 -10.00	115.04 4.80 -48.01	97.26 5.41 -17.85	111.22 5.48 -27.27	102.36 6.04 -0.01	93.57 4.70 -0.01
GOWANUS_GT1_4 24080	71.54 3.21 -1.12	71.96 2.49 -2.83	68.65 2.37 -1.48	61.37 2.41 -0.48	71.07 2.87 3.90	61.20 2.52 7.50	67.45 2.77 5.33	57.95 2.75 13.03	80.32 4.13 3.16	59.05 3.75 0.00	94.18 5.79 0.00	102.57 6.56 0.00	104.48 6.89 0.00	108.60 6.60 0.00	126.52 9.31 0.00	136.11 11.43 0.00	173.74 14.05 0.00	173.86 13.76 0.00	60.81 3.85 -10.00	115.04 4.80 -48.01	97.26 5.41 -17.85	111.22 5.48 -27.27	102.36 6.04 -0.01	93.57 4.70 -0.01
GOWANUS_GT1_5 24084	71.54 3.21 -1.12	71.96 2.49 -2.83	68.65 2.37 -1.48	61.37 2.41 -0.48	71.07 2.87 3.90	61.20 2.52 7.50	67.45 2.77 5.33	57.95 2.75 13.03	80.32 4.13 3.16	59.05 3.75 0.00	94.18 5.79 0.00	102.57 6.56 0.00	104.48 6.89 0.00	108.60 6.60 0.00	126.52 9.31 0.00	136.11 11.43 0.00	173.74 14.05 0.00	173.86 13.76 0.00	60.81 3.85 -10.00	115.04 4.80 -48.01	97.26 5.41 -17.85	111.22 5.48 -27.27	102.36 6.04 -0.01	93.57 4.70 -0.01
GOWANUS_GT1_6 24111	71.54 3.21 -1.12	71.96 2.49 -2.83	68.65 2.37 -1.48	61.37 2.41 -0.48	71.07 2.87 3.90	61.20 2.52 7.50	67.45 2.77 5.33	57.95 2.75 13.03	80.32 4.13 3.16	59.05 3.75 0.00	94.18 5.79 0.00	102.57 6.56 0.00	104.48 6.89 0.00	108.60 6.60 0.00	126.52 9.31 0.00	136.11 11.43 0.00	173.74 14.05 0.00	173.86 13.76 0.00	60.81 3.85 -10.00	115.04 4.80 -48.01	97.26 5.41 -17.85	111.22 5.48 -27.27	102.36 6.04 -0.01	93.57 4.70 -0.01
GOWANUS_GT1_7 24112	71.54 3.21 -1.12	71.96 2.49 -2.83	68.65 2.37 -1.48	61.37 2.41 -0.48	71.07 2.87 3.90	61.20 2.52 7.50	67.45 2.77 5.33	57.95 2.75 13.03	80.32 4.13 3.16	59.05 3.75 0.00	94.18 5.79 0.00	102.57 6.56 0.00	104.48 6.89 0.00	108.60 6.60 0.00	126.52 9.31 0.00	136.11 11.43 0.00	173.74 14.05 0.00	173.86 13.76 0.00	60.81 3.85 -10.00	115.04 4.80 -48.01	97.26 5.41 -17.85	111.22 5.48 -27.27	102.36 6.04 -0.01	93.57 4.70 -0.01
GOWANUS_GT1_8 24113	71.54 3.21 -1.12	71.96 2.49 -2.83	68.65 2.37 -1.48	61.37 2.41 -0.48	71.07 2.87 3.90	61.20 2.52 7.50	67.45 2.77 5.33	57.95 2.75 13.03	80.32 4.13 3.16	59.05 3.75 0.00	94.18 5.79 0.00	102.57 6.56 0.00	104.48 6.89 0.00	108.60 6.60 0.00	126.52 9.31 0.00	136.11 11.43 0.00	173.74 14.05 0.00	173.86 13.76 0.00	60.81 3.85 -10.00	115.04 4.80 -48.01	97.26 5.41 -17.85	111.22 5.48 -27.27	102.36 6.04 -0.01	93.57 4.70 -0.01
GOWANUS_GT2_1 24114	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	78.62 4.77 -11.62	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
GOWANUS_GT2_2 24115	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	78.62 4.77 -11.62	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
GOWANUS_GT2_3 24116	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	78.62 4.77 -11.62	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
GOWANUS_GT2_4 24117	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	78.62 4.77 -11.62	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
GOWANUS_GT2_5 24118	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	78.62 4.77 -11.62	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01

GOWANUS_GT2_6 24119	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	78.62 4.77 -11.62	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
GOWANUS_GT2_7 24120	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	78.62 4.77 -11.62	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
GOWANUS_GT2_8 24121	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	78.62 4.77 -11.62	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
GOWANUS_GT3_1 24122	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	115.00 4.77 -48.01	97.29 5.44 -17.85	111.17 5.44 -27.27	102.37 6.05 -0.01	93.63 4.76 -0.01
GOWANUS_GT3_2 24123	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	115.00 4.77 -48.01	97.29 5.44 -17.85	111.17 5.44 -27.27	102.37 6.05 -0.01	93.63 4.76 -0.01
GOWANUS_GT3_3 24124	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	115.00 4.77 -48.01	97.29 5.44 -17.85	111.17 5.44 -27.27	102.37 6.05 -0.01	93.63 4.76 -0.01
GOWANUS_GT3_4 24125	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	115.00 4.77 -48.01	97.29 5.44 -17.85	111.17 5.44 -27.27	102.37 6.05 -0.01	93.63 4.76 -0.01
GOWANUS_GT3_5 24126	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	115.00 4.77 -48.01	97.29 5.44 -17.85	111.17 5.44 -27.27	102.37 6.05 -0.01	93.63 4.76 -0.01
GOWANUS_GT3_6 24127	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	115.00 4.77 -48.01	97.29 5.44 -17.85	111.17 5.44 -27.27	102.37 6.05 -0.01	93.63 4.76 -0.01
GOWANUS_GT3_7 24128	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	115.00 4.77 -48.01	97.29 5.44 -17.85	111.17 5.44 -27.27	102.37 6.05 -0.01	93.63 4.76 -0.01
GOWANUS_GT3_8 24129	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	115.00 4.77 -48.01	97.29 5.44 -17.85	111.17 5.44 -27.27	102.37 6.05 -0.01	93.63 4.76 -0.01
GOWANUS_GT4_1 24130	71.54 3.21 -1.12	71.96 2.49 -2.83	68.65 2.37 -1.48	61.37 2.41 -0.48	71.07 2.87 3.90	61.20 2.52 7.50	67.45 2.77 5.33	57.95 2.75 13.03	80.32 4.13 3.16	59.05 3.75 0.00	94.18 5.79 0.00	102.57 6.56 0.00	104.48 6.89 0.00	108.60 6.60 0.00	126.52 9.31 0.00	136.11 11.43 0.00	173.74 14.05 0.00	173.86 13.76 0.00	60.81 3.85 -10.00	78.66 4.81 -11.62	97.29 5.44 -17.85	111.23 5.49 -27.27	102.39 6.07 -0.01	93.61 4.74 -0.01
GOWANUS_GT4_2 24131	71.54 3.21 -1.12	71.96 2.49 -2.83	68.65 2.37 -1.48	61.37 2.41 -0.48	71.07 2.87 3.90	61.20 2.52 7.50	67.45 2.77 5.33	57.95 2.75 13.03	80.32 4.13 3.16	59.05 3.75 0.00	94.18 5.79 0.00	102.57 6.56 0.00	104.48 6.89 0.00	108.60 6.60 0.00	126.52 9.31 0.00	136.11 11.43 0.00	173.74 14.05 0.00	173.86 13.76 0.00	60.81 3.85 -10.00	78.66 4.81 -11.62	97.29 5.44 -17.85	111.23 5.49 -27.27	102.39 6.07 -0.01	93.61 4.74 -0.01
GOWANUS_GT4_3 24132	71.54 3.21 -1.12	71.96 2.49 -2.83	68.65 2.37 -1.48	61.37 2.41 -0.48	71.07 2.87 3.90	61.20 2.52 7.50	67.45 2.77 5.33	57.95 2.75 13.03	80.32 4.13 3.16	59.05 3.75 0.00	94.18 5.79 0.00	102.57 6.56 0.00	104.48 6.89 0.00	108.60 6.60 0.00	126.52 9.31 0.00	136.11 11.43 0.00	173.74 14.05 0.00	173.86 13.76 0.00	60.81 3.85 -10.00	78.66 4.81 -11.62	97.29 5.44 -17.85	111.23 5.49 -27.27	102.39 6.07 -0.01	93.61 4.74 -0.01
GOWANUS_GT4_4 24133	71.54 3.21 -1.12	71.96 2.49 -2.83	68.65 2.37 -1.48	61.37 2.41 -0.48	71.07 2.87 3.90	61.20 2.52 7.50	67.45 2.77 5.33	57.95 2.75 13.03	80.32 4.13 3.16	59.05 3.75 0.00	94.18 5.79 0.00	102.57 6.56 0.00	104.48 6.89 0.00	108.60 6.60 0.00	126.52 9.31 0.00	136.11 11.43 0.00	173.74 14.05 0.00	173.86 13.76 0.00	60.81 3.85 -10.00	78.66 4.81 -11.62	97.29 5.44 -17.85	111.23 5.49 -27.27	102.39 6.07 -0.01	93.61 4.74 -0.01

GOWANUS_GT4_5 24134	71.54 3.21 -1.12	71.96 2.49 -2.83	68.65 2.37 -1.48	61.37 2.41 -0.48	71.07 2.87 3.90	61.20 2.52 7.50	67.45 2.77 5.33	57.95 2.75 13.03	80.32 4.13 3.16	59.05 3.75 0.00	94.18 5.79 0.00	102.57 6.56 0.00	104.48 6.89 0.00	108.60 6.60 0.00	126.52 9.31 0.00	136.11 11.43 0.00	173.74 14.05 0.00	173.86 13.76 0.00	60.81 3.85 -10.00	78.66 4.81 -11.62	97.29 5.44 -17.85	111.23 5.49 -27.27	102.39 6.07 -0.01	93.61 4.74 -0.01
GOWANUS_GT4_6 24135	71.54 3.21 -1.12	71.96 2.49 -2.83	68.65 2.37 -1.48	61.37 2.41 -0.48	71.07 2.87 3.90	61.20 2.52 7.50	67.45 2.77 5.33	57.95 2.75 13.03	80.32 4.13 3.16	59.05 3.75 0.00	94.18 5.79 0.00	102.57 6.56 0.00	104.48 6.89 0.00	108.60 6.60 0.00	126.52 9.31 0.00	136.11 11.43 0.00	173.74 14.05 0.00	173.86 13.76 0.00	60.81 3.85 -10.00	78.66 4.81 -11.62	97.29 5.44 -17.85	111.23 5.49 -27.27	102.39 6.07 -0.01	93.61 4.74 -0.01
GOWANUS_GT4_7 24136	71.54 3.21 -1.12	71.96 2.49 -2.83	68.65 2.37 -1.48	61.37 2.41 -0.48	71.07 2.87 3.90	61.20 2.52 7.50	67.45 2.77 5.33	57.95 2.75 13.03	80.32 4.13 3.16	59.05 3.75 0.00	94.18 5.79 0.00	102.57 6.56 0.00	104.48 6.89 0.00	108.60 6.60 0.00	126.52 9.31 0.00	136.11 11.43 0.00	173.74 14.05 0.00	173.86 13.76 0.00	60.81 3.85 -10.00	78.66 4.81 -11.62	97.29 5.44 -17.85	111.23 5.49 -27.27	102.39 6.07 -0.01	93.61 4.74 -0.01
GOWANUS_GT4_8 24137	71.54 3.21 -1.12	71.96 2.49 -2.83	68.65 2.37 -1.48	61.37 2.41 -0.48	71.07 2.87 3.90	61.20 2.52 7.50	67.45 2.77 5.33	57.95 2.75 13.03	80.32 4.13 3.16	59.05 3.75 0.00	94.18 5.79 0.00	102.57 6.56 0.00	104.48 6.89 0.00	108.60 6.60 0.00	126.52 9.31 0.00	136.11 11.43 0.00	173.74 14.05 0.00	173.86 13.76 0.00	60.81 3.85 -10.00	78.66 4.81 -11.62	97.29 5.44 -17.85	111.23 5.49 -27.27	102.39 6.07 -0.01	93.61 4.74 -0.01
GREATVRV_69_KV_BK1 356245	73.67 5.34 -1.13	75.22 5.57 -3.00	71.66 5.37 -1.48	64.01 4.93 -0.61	78.37 5.80 -0.47	71.73 5.56 0.00	75.49 5.48 0.00	73.42 5.19 0.00	87.90 7.45 -1.10	61.63 5.85 -0.48	138.49 9.98 -40.11	169.48 9.43 -64.03	145.00 10.12 -37.29	151.97 10.20 -39.77	162.12 13.64 -31.27	182.99 16.30 -42.01	249.22 19.75 -69.79	254.14 19.58 -74.46	220.85 5.97 -167.93	235.77 7.72 -165.82	272.65 8.67 -189.98	152.44 8.55 -65.42	109.27 9.85 -3.11	193.88 9.24 -95.78
GREENBSH_115KV_TB3 55895	29.90 0.75 38.07	-34.45 0.60 101.70	15.33 0.70 50.18	38.63 0.84 20.68	56.98 0.84 15.96	65.95 -0.23 0.00	70.41 0.40 0.00	68.76 0.52 0.00	79.73 0.38 0.00	54.08 0.06 1.28	89.49 1.10 0.00	97.15 1.14 0.00	98.83 1.23 0.00	102.99 0.99 0.00	118.98 1.77 0.00	127.20 2.52 0.00	163.03 3.35 0.00	163.85 3.75 0.00	90.04 1.15 -41.94	108.91 1.38 -45.30	174.52 1.55 -98.97	231.22 1.52 -151.23	98.00 1.68 0.00	90.33 1.46 0.00
GREENDGE_115KV_TB5 80291	68.04 0.82 0.00	66.17 -0.48 0.00	63.74 -1.09 -0.02	57.73 -0.78 -0.03	71.95 -0.92 -0.78	65.65 -0.70 -0.16	69.19 -0.90 -0.08	67.46 -0.77 0.00	79.38 -0.38 -0.42	55.74 0.45 0.00	88.93 0.54 0.00	96.78 0.77 0.00	98.56 0.96 0.00	102.44 0.44 0.00	118.83 1.62 0.00	128.70 4.01 0.00	164.46 4.77 0.00	164.72 4.62 0.00	50.74 1.45 -2.34	66.20 1.95 -2.03	80.16 1.73 -4.43	87.06 1.83 -6.77	97.44 1.12 0.00	89.37 0.51 0.00
GREENIDGE___3 23582	68.04 0.82 0.00	66.17 -0.48 0.00	63.74 -1.09 -0.02	57.73 -0.78 -0.03	71.95 -0.92 -0.78	65.65 -0.70 -0.16	69.19 -0.90 -0.08	67.46 -0.77 0.00	79.38 -0.38 -0.42	55.74 0.45 0.00	88.93 0.54 0.00	96.78 0.77 0.00	98.56 0.96 0.00	102.44 0.44 0.00	118.83 1.62 0.00	128.70 4.01 0.00	164.46 4.77 0.00	164.72 4.62 0.00	50.74 1.45 -2.34	66.20 1.95 -2.03	80.16 1.73 -4.43	87.06 1.83 -6.77	97.44 1.12 0.00	89.37 0.51 0.00
GREENIDGE___4 23583	68.04 0.82 0.00	66.17 -0.47 0.00	63.75 -1.09 -0.02	57.73 -0.78 -0.03	71.95 -0.93 -0.78	65.65 -0.70 -0.16	69.21 -0.89 -0.08	67.47 -0.76 0.00	79.41 -0.36 -0.42	55.74 0.45 0.00	88.94 0.54 0.00	96.73 0.72 0.00	98.56 0.96 0.00	102.44 0.44 0.00	118.83 1.62 0.00	128.73 4.04 0.00	164.43 4.75 0.00	164.70 4.60 0.00	50.74 1.45 -2.34	66.21 1.95 -2.03	80.19 1.76 -4.43	87.06 1.83 -6.77	97.42 1.11 0.00	89.36 0.50 0.00
GREENLWN_69_KV_BK 3 55738	71.70 3.36 -1.13	73.35 3.70 -3.00	69.88 3.58 -1.48	62.48 3.40 -0.61	76.49 3.93 -0.47	69.96 3.79 0.00	73.49 3.48 0.00	71.51 3.28 0.00	85.61 5.16 -1.10	59.77 4.00 -0.48	82.83 7.04 12.59	75.58 5.89 26.32	78.24 6.30 25.65	79.72 6.26 28.54	93.99 9.09 32.30	82.14 11.73 54.28	119.44 13.71 53.95	125.41 13.52 48.21	30.62 4.31 20.64	25.54 5.36 42.05	7.28 5.83 72.55	65.68 5.46 18.24	101.30 6.14 1.15	67.26 5.96 27.57
GREENWD_138_KV_38B11_REV_LBMP_J 345004	71.54 3.21 -1.12	71.96 2.49 -2.83	68.65 2.37 -1.48	61.37 2.41 -0.48	71.07 2.87 3.90	61.20 2.52 7.50	67.45 2.77 5.33	57.95 2.75 13.03	80.32 4.13 3.16	59.05 3.75 0.00	94.18 5.79 0.00	102.57 6.56 0.00	104.48 6.89 0.00	108.60 6.60 0.00	126.52 9.31 0.00	136.11 11.43 0.00	173.74 14.05 0.00	173.86 13.76 0.00	60.81 3.85 -10.00	90.56 4.81 -23.53	97.29 5.44 -17.85	111.23 5.49 -27.27	102.39 6.07 -0.01	93.61 4.74 -0.01
GRISSOM___SOLAR 323813	77.90 4.64 -6.04	86.96 4.17 -16.14	76.68 3.90 -7.97	65.29 3.54 -3.28	79.01 4.38 -2.53	70.21 4.03 0.00	73.95 3.94 0.00	71.26 3.03 0.00	81.29 1.94 0.00	56.18 0.88 0.00	89.75 1.35 0.00	97.43 1.42 0.00	99.25 1.65 0.00	103.92 1.92 0.00	120.20 2.99 0.00	128.01 3.32 0.00	166.40 6.72 0.00	169.47 9.37 0.00	148.25 3.01 -98.29	150.73 4.49 -84.01	263.60 6.03 -183.57	365.38 6.43 -280.48	103.79 7.48 0.00	95.13 6.27 0.00
GROVEVILLE___HYD 323602	71.14 3.93 0.00	70.02 3.38 0.00	68.03 3.22 0.00	61.57 3.10 0.00	75.80 3.70 0.00	69.53 3.36 0.00	73.60 3.59 0.00	71.93 3.70 0.00	84.47 5.12 0.00	59.46 4.17 0.00	95.18 6.79 0.00	103.47 7.45 0.00	105.38 7.78 0.00	109.71 7.71 0.00	127.54 10.33 0.00	136.55 11.86 0.00	174.32 14.64 0.00	174.68 14.58 0.00	61.45 4.15 -10.35	75.97 5.19 -8.56	98.59 5.89 -18.70	113.04 6.00 -28.58	103.33 7.01 0.00	94.59 5.72 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	67.03 -0.18 0.00	66.23 -0.42 0.00	64.36 -0.51 -0.05	58.22 -0.34 -0.08	73.86 -0.55 -2.32	65.96 -0.70 -0.48	69.18 -1.07 -0.25	67.32 -0.91 0.00	79.82 -0.77 -1.25	55.00 -0.29 0.00	88.07 -0.32 0.00	96.19 0.17 0.00	97.82 0.22 0.00	102.29 0.29 0.00	118.13 0.92 0.00	126.09 1.41 0.00	161.23 1.55 0.00	161.43 1.34 0.00	47.30 0.35 0.00	62.74 0.51 0.00	74.54 0.54 0.00	79.08 0.61 0.00	96.54 0.23 0.00	88.53 -0.33 0.00
HAMLTNNY_34_KV_TB 80303	67.91 0.69 0.00	66.53 -0.11 0.00	64.41 -0.45 -0.05	58.28 -0.27 -0.08	73.92 -0.40 -2.22	66.28 -0.36 -0.46	69.66 -0.59 -0.24	67.75 -0.48 0.00	80.28 -0.26 -1.19	55.49 0.20 0.00	88.84 0.45 0.00	97.30 1.29 0.00	99.12 1.52 0.00	103.61 1.61 0.00	119.45 2.24 0.00	127.60 2.92 0.00	163.07 3.39 0.00	163.43 3.34 0.00	47.79 0.84 0.00	63.40 1.17 0.00	75.38 1.38 0.00	80.02 1.55 0.00	97.72 1.41 0.00	89.62 0.76 0.00

HAMPSHIRE___PAPER_HYD 323593	68.58 1.37 0.00	68.07 1.42 0.00	66.13 1.30 -0.02	59.47 0.97 -0.03	74.15 1.34 -0.72	67.63 1.30 -0.15	71.07 0.98 -0.08	68.57 0.34 0.00	79.60 -0.12 -0.38	55.08 -0.21 0.00	88.08 -0.31 0.00	95.21 -0.81 0.00	96.15 -1.44 0.00	100.70 -1.30 0.00	114.74 -2.47 0.00	121.43 -3.26 0.00	156.31 -3.37 0.00	156.65 -3.45 0.00	46.13 -0.82 0.00	62.03 -0.20 0.00	75.00 1.00 0.00	79.86 1.40 0.00	97.81 1.49 0.00	90.03 1.17 0.00
HARDSCRABBLE_WT_PWR 323673	69.12 1.90 0.00	68.16 1.51 0.00	66.34 1.53 0.00	60.11 1.64 0.00	73.94 1.85 0.00	67.83 1.65 0.00	71.72 1.71 0.00	69.48 1.25 0.00	80.53 1.18 0.00	55.87 0.57 0.00	88.88 0.49 0.00	96.85 0.84 0.00	99.06 1.46 0.00	103.39 1.40 0.00	119.86 2.65 0.00	128.21 3.52 0.00	165.29 5.61 0.00	167.25 7.15 0.00	49.22 2.27 0.00	65.39 3.16 0.00	77.91 3.91 0.00	82.52 4.05 0.00	100.72 4.40 0.00	91.97 3.11 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	70.42 3.20 0.00	69.21 2.57 0.00	67.23 2.42 0.00	60.87 2.40 0.00	74.94 2.85 0.00	68.74 2.56 0.00	72.74 2.73 0.00	71.05 2.82 0.00	83.49 4.14 0.00	58.84 3.55 0.00	94.35 5.96 0.00	102.84 6.82 0.00	104.79 7.19 0.00	108.97 6.97 0.00	126.89 9.68 0.00	136.61 11.93 0.00	174.36 14.68 0.00	174.62 14.52 0.00	60.36 4.08 -9.33	75.00 5.11 -7.66	96.47 5.74 -16.73	109.89 5.86 -25.57	102.80 6.48 0.00	93.93 5.07 0.00
HARSNRAD_115KV_TB1 81005	66.68 -0.54 0.00	63.71 -2.94 0.00	60.96 -3.85 0.00	55.24 -3.24 0.00	68.62 -3.47 0.00	63.01 -3.17 0.00	65.53 -4.48 0.00	63.56 -4.67 0.00	75.17 -4.17 0.00	53.93 -1.36 0.00	86.86 -1.53 0.00	96.30 0.29 0.00	96.63 -0.97 0.00	100.67 -1.33 0.00	116.35 -0.86 0.00	124.10 -0.59 0.00	158.80 -0.89 0.00	158.33 -1.77 0.00	46.09 -0.86 0.00	60.75 -1.48 0.00	71.96 -2.04 0.00	76.91 -1.56 0.00	95.02 -1.29 0.00	87.94 -0.92 0.00
HARZA MOOSE___RIVER 24016	69.77 2.56 0.00	68.81 2.17 0.00	66.77 1.94 -0.01	60.25 1.75 -0.02	74.89 2.17 -0.62	68.27 1.97 -0.13	71.98 1.91 -0.07	69.85 1.62 0.00	81.55 1.88 -0.32	56.63 1.33 0.00	90.57 2.18 0.00	98.26 2.24 0.00	99.72 2.12 0.00	104.55 2.55 0.00	120.17 2.96 0.00	127.96 3.27 0.00	164.46 4.78 0.00	164.70 4.60 0.00	48.53 1.57 0.00	64.85 2.63 0.00	77.92 3.92 0.00	82.64 4.17 0.00	100.63 4.31 0.00	91.92 3.06 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	66.90 -0.31 0.00	65.78 -0.87 0.00	63.77 -1.07 -0.03	57.68 -0.84 -0.05	72.29 -1.08 -1.27	65.43 -1.01 -0.27	68.94 -1.21 -0.13	67.21 -1.02 0.00	79.20 -0.83 -0.68	55.02 -0.27 0.00	88.17 -0.23 0.00	96.28 0.27 0.00	97.92 0.32 0.00	102.35 0.36 0.00	118.19 0.98 0.00	126.15 1.47 0.00	161.39 1.71 0.00	161.44 1.35 0.00	47.28 0.33 0.00	62.67 0.44 0.00	74.46 0.46 0.00	79.02 0.55 0.00	96.56 0.25 0.00	88.52 -0.35 0.00
HELLGATE_13_KV_LD 55870	62.34 3.52 8.39	62.95 2.79 6.49	59.95 2.63 7.49	58.54 2.64 2.57	63.26 3.06 11.90	60.39 2.71 8.50	62.38 2.99 10.62	62.10 3.04 9.17	75.96 4.47 7.85	59.39 4.09 0.00	94.73 6.33 0.00	103.09 7.07 0.00	104.60 7.38 0.37	109.21 7.20 -0.01	127.25 10.04 0.00	136.93 12.25 0.00	174.71 15.03 0.00	174.76 14.65 -0.01	60.07 4.13 -8.99	67.44 5.10 -0.12	88.21 5.80 -8.41	94.60 5.93 -10.21	91.69 6.50 11.12	80.77 5.11 13.20
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	62.34 3.52 8.39	62.95 2.79 6.49	59.95 2.63 7.49	58.54 2.64 2.57	63.26 3.06 11.90	60.39 2.71 8.50	62.38 2.99 10.62	62.10 3.04 9.17	75.96 4.47 7.85	59.39 4.09 0.00	94.73 6.33 0.00	103.09 7.07 0.00	104.60 7.38 0.37	109.21 7.20 -0.01	127.25 10.04 0.00	136.93 12.25 0.00	174.71 15.03 0.00	174.76 14.65 -0.01	60.07 4.13 -8.99	67.44 5.10 -0.12	88.21 5.80 -8.41	94.60 5.93 -10.21	91.69 6.50 11.12	80.77 5.11 13.20
HEMPSTEAD___ 23647	71.73 3.39 -1.13	72.94 3.29 -3.01	69.55 3.25 -1.48	62.17 3.09 -0.61	76.19 3.63 -0.47	69.59 3.42 0.00	73.36 3.35 0.00	71.49 3.26 0.00	85.33 4.88 -1.10	59.92 4.15 -0.48	95.81 6.80 -0.61	103.02 6.74 -0.27	105.51 7.27 -0.64	109.21 7.21 0.00	128.10 10.10 -0.79	141.25 12.48 -4.09	195.39 15.22 -20.49	207.74 15.15 -32.49	145.03 4.44 -93.64	127.77 5.57 -59.97	103.91 6.13 -23.78	111.79 6.05 -27.27	102.99 6.67 0.00	98.43 5.76 -3.81
HICKLING___1 23621	67.85 0.64 0.00	66.06 -0.58 0.00	63.56 -1.27 -0.02	57.73 -0.78 -0.03	71.90 -0.96 -0.77	65.63 -0.71 -0.16	69.14 -0.95 -0.08	67.27 -0.96 0.00	79.69 -0.07 -0.41	55.93 0.63 0.00	89.77 1.38 0.00	98.13 2.12 0.00	99.31 1.72 0.00	103.47 1.47 0.00	120.98 3.76 0.00	130.04 5.35 0.00	164.88 5.19 0.00	165.33 5.23 0.00	51.28 1.32 -3.01	66.57 1.73 -2.61	81.03 1.34 -5.69	88.71 1.55 -8.69	97.56 1.25 0.00	88.95 0.09 0.00
HICKLING___2 23622	67.85 0.64 0.00	66.06 -0.58 0.00	63.56 -1.27 -0.02	57.73 -0.78 -0.03	71.90 -0.96 -0.77	65.63 -0.71 -0.16	69.14 -0.95 -0.08	67.27 -0.96 0.00	79.69 -0.07 -0.41	55.93 0.63 0.00	89.77 1.38 0.00	98.13 2.12 0.00	99.31 1.72 0.00	103.47 1.47 0.00	120.98 3.76 0.00	130.04 5.35 0.00	164.88 5.19 0.00	165.33 5.23 0.00	51.28 1.32 -3.01	66.57 1.73 -2.61	81.03 1.34 -5.69	88.71 1.55 -8.69	97.56 1.25 0.00	88.95 0.09 0.00
HIGH FALLS___HY 23754	68.25 3.91 2.87	62.19 3.22 7.68	64.05 3.03 3.79	59.86 2.94 1.56	74.40 3.51 1.21	69.46 3.28 0.00	73.43 3.42 0.00	71.85 3.62 0.00	84.96 5.62 0.00	59.68 4.52 0.13	95.66 7.27 0.00	104.14 8.13 0.00	106.19 8.60 0.00	110.71 8.71 0.00	128.99 11.78 0.00	138.30 13.61 0.00	175.90 16.21 0.00	176.41 16.32 0.00	64.66 4.70 -13.00	79.99 5.99 -11.77	106.59 6.86 -25.73	124.78 7.01 -39.31	104.16 7.85 0.00	95.09 6.23 0.00
HIGH_RIVER___SOLAR 323847	76.76 3.15 -6.40	86.52 2.78 -17.09	75.95 2.70 -8.43	64.49 2.54 -3.48	77.86 3.08 -2.68	68.87 2.70 0.00	72.71 2.70 0.00	70.51 2.28 0.00	81.11 1.77 0.00	56.08 0.79 0.00	89.45 1.06 0.00	97.25 1.23 0.00	99.06 1.46 0.00	103.60 1.61 0.00	119.60 2.39 0.00	127.54 2.86 0.00	164.93 5.25 0.00	166.82 6.72 0.00	153.06 2.28 -103.83	154.31 3.34 -88.74	272.23 4.32 -193.91	379.30 4.55 -296.28	101.57 5.25 0.00	93.24 4.38 0.00
HILLBURN___GT 23639	69.97 2.75 0.00	68.76 2.11 0.00	66.80 1.99 0.00	60.50 2.02 0.00	74.49 2.40 0.00	68.33 2.15 0.00	72.31 2.30 0.00	70.58 2.35 0.00	82.93 3.58 0.00	58.52 3.22 0.00	93.77 5.38 0.00	102.16 6.14 0.00	103.99 6.39 0.00	108.09 6.09 0.00	126.02 8.81 0.00	135.71 11.03 0.00	173.10 13.42 0.00	173.25 13.15 0.00	60.07 3.63 -9.48	74.54 4.54 -7.77	96.07 5.09 -16.98	109.62 5.22 -25.94	102.06 5.74 0.00	93.25 4.39 0.00
HILLSIDE_115KV_TB1 80332	66.79 -0.43 0.00	65.26 -1.39 0.00	62.87 -1.96 -0.02	57.18 -1.32 -0.03	71.18 -1.70 -0.80	64.93 -1.42 -0.17	68.43 -1.66 -0.08	66.59 -1.64 0.00	78.83 -0.94 -0.43	55.16 -0.13 0.00	88.45 0.06 0.00	96.59 0.57 0.00	97.75 0.15 0.00	101.83 -0.17 0.00	119.00 1.79 0.00	127.75 3.07 0.00	161.74 2.06 0.00	162.00 1.90 0.00	50.40 0.32 -3.13	65.52 0.58 -2.71	80.16 0.25 -5.92	87.91 0.40 -9.04	96.11 -0.20 0.00	87.57 -1.29 0.00

HISHELDN_WT_PWR 323625	67.34 0.13 0.00	64.61 -2.04 0.00	61.75 -3.07 0.00	55.91 -2.57 0.00	69.21 -2.88 0.00	63.67 -2.51 0.00	66.58 -3.43 0.00	64.65 -3.59 0.00	76.59 -2.75 0.00	54.85 -0.44 0.00	88.23 -0.16 0.00	97.21 1.20 0.00	97.72 0.13 0.00	101.77 -0.23 0.00	118.38 1.17 0.00	126.88 2.19 0.00	161.55 1.86 0.00	161.73 1.63 0.00	47.06 0.11 0.00	61.95 -0.28 0.00	73.06 -0.94 0.00	78.01 -0.46 0.00	95.88 -0.43 0.00	87.94 -0.92 0.00
HOLTSVILLE_IC_1 23690	72.22 3.89 -1.12	73.99 4.34 -3.00	70.60 4.30 -1.48	63.07 3.99 -0.61	77.21 4.64 -0.47	70.69 4.51 0.00	74.37 4.36 0.00	72.10 3.87 0.00	86.13 5.68 -1.10	60.36 4.59 -0.48	156.52 7.82 -60.31	196.28 6.96 -93.31	159.21 7.48 -54.13	167.43 7.37 -58.06	169.13 10.14 -41.77	186.96 12.48 -49.79	248.98 14.60 -74.69	249.64 14.55 -74.99	250.52 4.56 -199.01	262.37 5.84 -194.31	326.41 6.43 -245.98	157.60 6.20 -72.93	108.57 7.18 -5.08	240.94 7.06 -145.02
HOLTSVILLE_IC_10 23699	72.78 4.45 -1.12	74.53 4.88 -3.00	71.10 4.81 -1.48	63.52 4.44 -0.61	77.72 5.16 -0.47	71.21 5.03 0.00	74.93 4.92 0.00	72.63 4.40 0.00	86.82 6.37 -1.10	60.91 5.14 -0.48	162.11 8.84 -64.88	208.75 7.91 -104.82	175.04 8.52 -68.92	184.55 8.44 -74.10	188.94 11.52 -60.20	220.50 13.74 -82.07	290.25 15.86 -114.71	289.62 15.75 -113.78	293.69 4.90 -241.84	303.67 6.31 -235.13	378.52 7.25 -297.27	182.87 7.12 -97.28	109.98 8.19 -5.48	252.48 7.73 -155.89
HOLTSVILLE_IC_2 23691	72.22 3.89 -1.12	73.99 4.34 -3.00	70.60 4.30 -1.48	63.07 3.99 -0.61	77.21 4.64 -0.47	70.69 4.51 0.00	74.37 4.36 0.00	72.10 3.87 0.00	86.13 5.68 -1.10	60.36 4.59 -0.48	156.52 7.82 -60.31	196.28 6.96 -93.31	159.21 7.48 -54.13	167.43 7.37 -58.06	169.13 10.14 -41.77	186.96 12.48 -49.79	248.98 14.60 -74.69	249.64 14.55 -74.99	250.52 4.56 -199.01	262.37 5.84 -194.31	326.41 6.43 -245.98	157.60 6.20 -72.93	108.57 7.18 -5.08	240.94 7.06 -145.02
HOLTSVILLE_IC_3 23692	72.22 3.89 -1.12	73.99 4.34 -3.00	70.60 4.30 -1.48	63.07 3.99 -0.61	77.21 4.64 -0.47	70.69 4.51 0.00	74.37 4.36 0.00	72.10 3.87 0.00	86.13 5.68 -1.10	60.36 4.59 -0.48	156.52 7.82 -60.31	196.28 6.96 -93.31	159.21 7.48 -54.13	167.43 7.37 -58.06	169.13 10.14 -41.77	186.96 12.48 -49.79	248.98 14.60 -74.69	249.64 14.55 -74.99	250.52 4.56 -199.01	262.37 5.84 -194.31	326.41 6.43 -245.98	157.60 6.20 -72.93	108.57 7.18 -5.08	240.94 7.06 -145.02
HOLTSVILLE_IC_4 23693	72.22 3.89 -1.12	73.99 4.34 -3.00	70.60 4.30 -1.48	63.07 3.99 -0.61	77.21 4.64 -0.47	70.69 4.51 0.00	74.37 4.36 0.00	72.10 3.87 0.00	86.13 5.68 -1.10	60.36 4.59 -0.48	156.52 7.82 -60.31	196.28 6.96 -93.31	159.21 7.48 -54.13	167.43 7.37 -58.06	169.13 10.14 -41.77	186.96 12.48 -49.79	248.98 14.60 -74.69	249.64 14.55 -74.99	250.52 4.56 -199.01	262.37 5.84 -194.31	326.41 6.43 -245.98	157.60 6.20 -72.93	108.57 7.18 -5.08	240.94 7.06 -145.02
HOLTSVILLE_IC_5 23694	72.22 3.89 -1.12	73.99 4.34 -3.00	70.60 4.30 -1.48	63.07 3.99 -0.61	77.21 4.64 -0.47	70.69 4.51 0.00	74.37 4.36 0.00	72.10 3.87 0.00	86.13 5.68 -1.10	60.36 4.59 -0.48	156.52 7.82 -60.31	196.28 6.96 -93.31	159.21 7.48 -54.13	167.43 7.37 -58.06	169.13 10.14 -41.77	186.96 12.48 -49.79	248.98 14.60 -74.69	249.64 14.55 -74.99	250.52 4.56 -199.01	262.37 5.84 -194.31	326.41 6.43 -245.98	157.60 6.20 -72.93	108.57 7.18 -5.08	240.94 7.06 -145.02
HOLTSVILLE_IC_6 23695	72.78 4.45 -1.12	74.53 4.88 -3.00	71.10 4.81 -1.48	63.52 4.44 -0.61	77.72 5.16 -0.47	71.21 5.03 0.00	74.93 4.92 0.00	72.63 4.40 0.00	86.82 6.37 -1.10	60.91 5.14 -0.48	162.11 8.84 -64.88	208.75 7.91 -104.82	175.04 8.52 -68.92	184.55 8.44 -74.10	188.94 11.52 -60.20	220.50 13.74 -82.07	290.25 15.86 -114.71	289.62 15.75 -113.78	293.69 4.90 -241.84	303.67 6.31 -235.13	378.52 7.25 -297.27	182.87 7.12 -97.28	109.98 8.19 -5.48	252.48 7.73 -155.89
HOLTSVILLE_IC_7 23696	72.78 4.45 -1.12	74.53 4.88 -3.00	71.10 4.81 -1.48	63.52 4.44 -0.61	77.72 5.16 -0.47	71.21 5.03 0.00	74.93 4.92 0.00	72.63 4.40 0.00	86.82 6.37 -1.10	60.91 5.14 -0.48	162.11 8.84 -64.88	208.75 7.91 -104.82	175.04 8.52 -68.92	184.55 8.44 -74.10	188.94 11.52 -60.20	220.50 13.74 -82.07	290.25 15.86 -114.71	289.62 15.75 -113.78	293.69 4.90 -241.84	303.67 6.31 -235.13	378.52 7.25 -297.27	182.87 7.12 -97.28	109.98 8.19 -5.48	252.48 7.73 -155.89
HOLTSVILLE_IC_8 23697	72.78 4.45 -1.12	74.53 4.88 -3.00	71.10 4.81 -1.48	63.52 4.44 -0.61	77.72 5.16 -0.47	71.21 5.03 0.00	74.93 4.92 0.00	72.63 4.40 0.00	86.82 6.37 -1.10	60.91 5.14 -0.48	162.11 8.84 -64.88	208.75 7.91 -104.82	175.04 8.52 -68.92	184.55 8.44 -74.10	188.94 11.52 -60.20	220.50 13.74 -82.07	290.25 15.86 -114.71	289.62 15.75 -113.78	293.69 4.90 -241.84	303.67 6.31 -235.13	378.52 7.25 -297.27	182.87 7.12 -97.28	109.98 8.19 -5.48	252.48 7.73 -155.89
HOLTSVILLE_IC_9 23698	72.78 4.45 -1.12	74.53 4.88 -3.00	71.10 4.81 -1.48	63.52 4.44 -0.61	77.72 5.16 -0.47	71.21 5.03 0.00	74.93 4.92 0.00	72.63 4.40 0.00	86.82 6.37 -1.10	60.91 5.14 -0.48	162.11 8.84 -64.88	208.75 7.91 -104.82	175.04 8.52 -68.92	184.55 8.44 -74.10	188.94 11.52 -60.20	220.50 13.74 -82.07	290.25 15.86 -114.71	289.62 15.75 -113.78	293.69 4.90 -241.84	303.67 6.31 -235.13	378.52 7.25 -297.27	182.87 7.12 -97.28	109.98 8.19 -5.48	252.48 7.73 -155.89
HOMER_HL_115KV_TB2 355744	67.43 0.22 0.00	65.05 -1.60 0.00	62.46 -2.36 0.00	56.79 -1.69 0.00	70.20 -1.90 0.00	64.57 -1.61 0.00	67.84 -2.17 0.00	66.16 -2.07 0.00	78.46 -0.88 0.00	55.85 0.55 0.00	89.25 0.86 0.00	97.29 1.27 0.00	97.50 -0.09 0.00	101.37 -0.63 0.00	117.98 0.77 0.00	126.44 1.75 0.00	160.38 0.70 0.00	160.26 0.17 0.00	46.33 -0.62 0.00	61.47 -0.75 0.00	72.87 -1.13 0.00	77.89 -0.57 0.00	96.20 -0.11 0.00	88.07 -0.79 0.00
HOWARD_WT_PWR 323690	67.75 0.53 0.00	65.41 -1.24 0.00	62.61 -2.22 -0.01	56.64 -1.85 -0.02	70.47 -2.19 -0.57	64.49 -1.81 -0.12	68.16 -1.91 -0.06	66.48 -1.75 0.00	78.95 -0.71 -0.31	55.86 0.57 0.00	89.42 1.02 0.00	97.87 1.85 0.00	98.76 1.16 0.00	102.84 0.84 0.00	120.28 3.07 0.00	129.89 5.20 0.00	164.81 5.13 0.00	165.69 5.59 0.00	50.75 1.32 -2.48	65.13 0.75 -2.15	78.94 0.25 -4.69	86.03 0.39 -7.17	96.11 -0.20 0.00	88.03 -0.83 0.00
HQ_GEN_CEDARS 23644	67.07 -0.15 0.00	67.21 0.56 0.00	65.43 0.61 0.00	58.71 0.24 0.00	72.59 0.49 0.00	66.78 0.60 0.00	70.52 0.51 0.00	68.30 0.07 0.00	78.74 -0.60 0.00	54.62 -0.67 0.00	87.45 -0.94 0.00	94.37 -1.65 0.00	95.45 -2.15 0.00	99.91 -2.09 0.00	113.40 -3.81 0.00	119.17 -5.52 0.00	153.47 -6.21 0.00	153.87 -6.23 0.00	45.04 -1.91 0.00	60.22 -2.01 0.00	71.88 -2.12 0.00	76.38 -2.09 0.00	94.54 -1.78 0.00	88.27 -0.59 0.00
HQ_GEN_CEDARS_PROXY 323590	62.65 -0.15 4.41	67.21 0.56 0.00	65.43 0.61 0.00	58.71 0.24 0.00	72.59 0.50 0.00	66.78 0.60 0.00	70.52 0.51 0.00	68.30 0.07 0.00	78.75 -0.60 0.00	54.62 -0.67 0.00	87.45 -0.94 0.00	94.37 -1.64 0.00	95.45 -2.15 0.00	99.91 -2.09 0.00	118.17 -3.81 -4.77	119.17 -5.51 0.00	153.47 -6.22 0.00	153.87 -6.23 0.00	45.04 -1.91 0.00	60.21 -2.01 0.00	71.88 -2.12 0.00	76.37 -2.10 0.00	94.54 -1.78 0.00	88.27 -0.59 0.00

HQ_GEN_IMPORT 323601	66.64 -0.58 0.00	66.65 0.00 0.00	64.86 0.05 0.00	56.08 -0.22 2.17	71.94 -0.16 0.00	66.15 -0.03 0.00	70.01 0.00 0.00	67.07 -0.14 1.03	78.77 -0.58 0.00	54.67 -0.62 0.00	87.46 -0.94 0.00	94.63 -1.38 0.00	96.00 -1.60 0.00	100.61 -1.39 0.00	114.66 -2.55 0.00	121.23 -3.45 0.00	140.98 -4.01 14.70	156.03 -4.07 0.00	45.76 -1.19 0.00	60.75 -1.48 0.00	72.31 -1.69 0.00	76.68 -1.79 0.00	94.61 -1.70 0.00	87.88 -0.98 0.00
HQ_GEN_WHEEL 23651	66.64 -0.58 0.00	66.65 0.00 0.00	64.86 0.05 0.00	56.08 -0.22 2.17	71.94 -0.16 0.00	66.15 -0.03 0.00	70.01 0.00 0.00	67.07 -0.14 1.03	78.77 -0.58 0.00	54.67 -0.62 0.00	87.46 -0.94 0.00	94.63 -1.38 0.00	96.00 -1.60 0.00	100.61 -1.39 0.00	114.66 -2.55 0.00	121.23 -3.45 0.00	140.98 -4.01 14.70	156.03 -4.07 0.00	45.76 -1.19 0.00	60.75 -1.48 0.00	72.31 -1.69 0.00	76.68 -1.79 0.00	94.61 -1.70 0.00	87.88 -0.98 0.00
HUDSON AVE_GT_3 23810	71.69 3.35 -1.12	72.27 2.62 -3.00	68.78 2.49 -1.48	61.58 2.50 -0.61	75.62 3.05 -0.47	68.89 2.71 0.00	73.01 3.00 0.00	71.29 3.06 0.00	83.90 4.55 0.00	59.30 4.00 0.00	94.77 6.38 0.00	103.14 7.13 0.00	105.06 7.46 0.00	109.30 7.31 0.00	127.34 10.13 0.00	137.01 12.33 0.00	174.77 15.08 0.00	174.86 14.76 0.00	61.10 4.14 -10.01	75.52 5.13 -8.16	97.67 5.83 -17.84	111.62 5.90 -27.26	102.84 6.52 0.00	93.95 5.09 0.00
HUDSON AVE_GT_4 23540	71.69 3.35 -1.12	72.27 2.62 -3.00	68.78 2.49 -1.48	61.58 2.50 -0.61	75.62 3.05 -0.47	68.89 2.71 0.00	73.01 3.00 0.00	71.29 3.06 0.00	83.90 4.55 0.00	59.30 4.00 0.00	94.77 6.38 0.00	103.14 7.13 0.00	105.06 7.46 0.00	109.30 7.31 0.00	127.34 10.13 0.00	137.01 12.33 0.00	174.77 15.08 0.00	174.86 14.76 0.00	61.10 4.14 -10.01	75.52 5.13 -8.16	97.67 5.83 -17.84	111.62 5.90 -27.26	102.84 6.52 0.00	93.95 5.09 0.00
HUDSON AVE_GT_5 23657	71.69 3.35 -1.12	72.27 2.62 -3.00	68.78 2.49 -1.48	61.58 2.50 -0.61	75.62 3.05 -0.47	68.89 2.71 0.00	73.01 3.00 0.00	71.29 3.06 0.00	83.90 4.55 0.00	59.30 4.00 0.00	94.77 6.38 0.00	103.14 7.13 0.00	105.06 7.46 0.00	109.30 7.31 0.00	127.34 10.13 0.00	137.01 12.33 0.00	174.77 15.08 0.00	174.86 14.76 0.00	61.10 4.14 -10.01	75.52 5.13 -8.16	97.67 5.83 -17.84	111.62 5.90 -27.26	102.84 6.52 0.00	93.95 5.09 0.00
HUDSON_AVE_10 24168	71.51 3.17 -1.12	72.08 2.43 -3.00	68.60 2.30 -1.48	61.45 2.37 -0.61	75.45 2.89 -0.47	68.74 2.57 0.00	72.87 2.86 0.00	71.17 2.94 0.00	83.73 4.39 0.00	59.14 3.85 0.00	94.46 6.07 0.00	102.86 6.85 0.00	104.73 7.13 0.00	108.96 6.96 0.00	126.91 9.70 0.00	136.61 11.92 0.00	174.27 14.59 0.00	174.37 14.27 0.00	60.96 4.00 -10.01	75.38 4.98 -8.16	97.47 5.63 -17.84	111.42 5.69 -27.26	102.60 6.29 0.00	93.77 4.91 0.00
HUDSON___115KV_TB 4 355613	42.94 2.23 26.50	-2.15 2.01 70.81	31.85 1.97 34.94	46.02 1.95 14.40	63.25 2.27 11.11	67.41 1.23 0.00	71.90 1.89 0.00	70.23 2.00 0.00	81.20 1.86 0.00	55.14 0.79 0.95	90.06 1.67 0.00	97.82 1.80 0.00	99.60 2.01 0.00	103.91 1.91 0.00	120.22 3.00 0.00	128.77 4.09 0.00	165.80 6.12 0.00	167.67 7.57 0.00	84.83 2.23 -35.65	102.50 3.15 -37.12	158.86 3.75 -81.12	206.20 3.79 -123.94	100.64 4.32 0.00	92.55 3.69 0.00
HUNTER MOUNT___DRP 323613	49.35 2.56 20.42	14.48 2.39 54.55	40.19 2.30 26.91	49.58 2.20 11.09	66.13 2.60 8.56	67.75 1.58 0.00	72.24 2.23 0.00	70.58 2.35 0.00	81.66 2.31 0.00	55.61 1.08 0.76	90.36 1.97 0.00	98.15 2.14 0.00	99.98 2.39 0.00	104.42 2.43 0.00	120.77 3.56 0.00	129.41 4.73 0.00	167.01 7.33 0.00	168.80 8.70 0.00	80.72 2.56 -31.21	97.57 3.52 -31.83	147.73 4.19 -69.54	188.97 4.25 -106.26	101.28 4.97 0.00	93.08 4.22 0.00
HUNTINGTON_RES_REC 323705	72.27 3.93 -1.12	73.93 4.29 -3.00	70.47 4.17 -1.48	62.98 3.90 -0.61	77.08 4.51 -0.47	70.64 4.47 0.00	74.23 4.22 0.00	72.16 3.93 0.00	86.37 5.92 -1.10	60.45 4.68 -0.48	241.61 8.17 -145.04	363.40 7.20 -260.19	326.26 7.62 -221.05	348.88 7.65 -239.22	372.49 10.74 -244.54	537.65 13.40 -399.57	673.42 15.77 -497.97	651.74 15.69 -475.95	734.39 4.93 -682.51	702.22 6.22 -633.77	912.02 6.83 -831.19	427.72 6.56 -342.70	116.70 7.50 -12.89	444.88 7.19 -348.83
HUNTLEY___63 23557	67.33 0.12 0.00	64.33 -2.32 0.00	61.48 -3.33 0.00	55.68 -2.80 0.00	69.11 -2.98 0.00	63.45 -2.73 0.00	66.07 -3.94 0.00	64.16 -4.07 0.00	76.04 -3.30 0.00	54.58 -0.71 0.00	87.92 -0.47 0.00	97.50 1.49 0.00	97.97 0.37 0.00	102.14 0.14 0.00	118.13 0.92 0.00	126.07 1.39 0.00	161.37 1.69 0.00	160.80 0.70 0.00	46.75 -0.20 0.00	61.62 -0.61 0.00	72.88 -1.13 0.00	77.79 -0.68 0.00	95.98 -0.33 0.00	88.81 -0.05 0.00
HUNTLEY___64 23558	67.33 0.12 0.00	64.33 -2.32 0.00	61.48 -3.33 0.00	55.68 -2.80 0.00	69.11 -2.98 0.00	63.45 -2.73 0.00	66.07 -3.94 0.00	64.16 -4.07 0.00	76.04 -3.30 0.00	54.58 -0.71 0.00	87.92 -0.47 0.00	97.50 1.49 0.00	97.97 0.37 0.00	102.14 0.14 0.00	118.13 0.92 0.00	126.07 1.39 0.00	161.37 1.69 0.00	160.80 0.70 0.00	46.75 -0.20 0.00	61.62 -0.61 0.00	72.88 -1.13 0.00	77.79 -0.68 0.00	95.98 -0.33 0.00	88.81 -0.05 0.00
HUNTLEY___65 23559	67.33 0.12 0.00	64.33 -2.32 0.00	61.48 -3.33 0.00	55.68 -2.80 0.00	69.11 -2.98 0.00	63.45 -2.73 0.00	66.07 -3.94 0.00	64.16 -4.07 0.00	76.04 -3.30 0.00	54.58 -0.71 0.00	87.92 -0.47 0.00	97.50 1.49 0.00	97.97 0.37 0.00	102.14 0.14 0.00	118.13 0.92 0.00	126.07 1.39 0.00	161.37 1.69 0.00	160.80 0.70 0.00	46.75 -0.20 0.00	61.62 -0.61 0.00	72.88 -1.13 0.00	77.79 -0.68 0.00	95.98 -0.33 0.00	88.81 -0.05 0.00
HUNTLEY___66 23560	67.33 0.12 0.00	64.33 -2.32 0.00	61.48 -3.33 0.00	55.68 -2.80 0.00	69.11 -2.98 0.00	63.45 -2.73 0.00	66.07 -3.94 0.00	64.16 -4.07 0.00	76.04 -3.30 0.00	54.58 -0.71 0.00	87.92 -0.47 0.00	97.50 1.49 0.00	97.97 0.37 0.00	102.14 0.14 0.00	118.13 0.92 0.00	126.07 1.39 0.00	161.37 1.69 0.00	160.80 0.70 0.00	46.75 -0.20 0.00	61.62 -0.61 0.00	72.88 -1.13 0.00	77.79 -0.68 0.00	95.98 -0.33 0.00	88.81 -0.05 0.00
HUNTLEY___67 23561	67.19 -0.03 0.00	64.26 -2.38 0.00	61.50 -3.32 0.00	55.74 -2.73 0.00	69.12 -2.98 0.00	63.45 -2.73 0.00	66.13 -3.88 0.00	64.23 -4.01 0.00	76.07 -3.28 0.00	54.52 -0.77 0.00	87.88 -0.52 0.00	97.33 1.31 0.00	97.77 0.18 0.00	101.92 -0.08 0.00	117.93 0.72 0.00	125.81 1.13 0.00	160.93 1.25 0.00	160.28 0.18 0.00	46.56 -0.39 0.00	61.38 -0.85 0.00	72.74 -1.26 0.00	77.69 -0.78 0.00	95.80 -0.52 0.00	88.44 -0.42 0.00
HUNTLEY___68 23562	67.19 -0.03 0.00	64.26 -2.38 0.00	61.50 -3.32 0.00	55.74 -2.73 0.00	69.12 -2.98 0.00	63.45 -2.73 0.00	66.13 -3.88 0.00	64.23 -4.01 0.00	76.07 -3.28 0.00	54.52 -0.77 0.00	87.88 -0.52 0.00	97.33 1.31 0.00	97.77 0.18 0.00	101.92 -0.08 0.00	117.93 0.72 0.00	125.81 1.13 0.00	160.93 1.25 0.00	160.28 0.18 0.00	46.56 -0.39 0.00	61.38 -0.85 0.00	72.74 -1.26 0.00	77.69 -0.78 0.00	95.80 -0.52 0.00	88.44 -0.42 0.00

HYLAND___LFGE 323620	70.05 2.83 0.00	67.18 0.54 0.00	64.44 -0.37 0.00	58.24 -0.24 0.00	71.95 -0.15 0.00	66.36 0.18 0.00	69.96 -0.05 0.00	67.89 -0.34 0.00	78.47 -0.87 0.00	53.42 -1.87 0.00	82.19 -6.20 0.00	90.29 -5.73 0.00	91.42 -6.18 0.00	95.47 -6.53 0.00	110.84 -6.37 0.00	122.72 -1.96 0.00	159.27 -0.42 0.00	161.18 1.08 0.00	46.99 0.04 0.00	60.78 -1.45 0.00	72.70 -1.30 0.00	77.31 -1.16 0.00	93.29 -3.03 0.00	93.31 4.45 0.00
INDECK___CORINTH 23802	81.54 3.98 -10.35	97.76 3.47 -27.64	81.70 3.25 -13.64	67.15 3.05 -5.62	80.17 3.73 -4.34	69.22 3.04 0.00	72.84 2.83 0.00	70.97 2.74 0.00	82.35 3.00 0.00	58.19 2.09 -0.81	90.98 2.59 0.00	99.21 3.19 0.00	101.64 4.04 0.00	106.15 4.15 0.00	122.75 5.54 0.00	131.18 6.49 0.00	169.73 10.05 0.00	171.43 11.33 0.00	151.35 3.94 -100.46	152.09 4.85 -85.02	265.71 5.94 -185.78	368.45 6.13 -283.85	102.97 6.66 0.00	94.17 5.31 0.00
INDECK___ILION 23567	68.43 1.22 0.00	67.61 0.96 0.00	65.77 0.95 0.00	59.52 1.05 0.00	73.26 1.16 0.00	67.20 1.03 0.00	71.07 1.06 0.00	69.07 0.84 0.00	80.24 0.89 0.00	55.81 0.52 0.00	89.00 0.60 0.00	96.87 0.86 0.00	98.81 1.22 0.00	103.18 1.18 0.00	119.25 2.04 0.00	127.32 2.64 0.00	163.60 3.92 0.00	164.88 4.78 0.00	48.47 1.52 0.00	64.31 2.08 0.00	76.56 2.56 0.00	81.10 2.64 0.00	99.20 2.89 0.00	90.92 2.06 0.00
INDECK___OLEAN 23982	67.43 0.22 0.00	65.07 -1.58 0.00	62.45 -2.36 0.00	56.78 -1.69 0.00	70.20 -1.90 0.00	64.57 -1.61 0.00	67.85 -2.16 0.00	66.16 -2.07 0.00	78.56 -0.78 0.00	55.84 0.55 0.00	89.25 0.87 0.00	97.27 1.26 0.00	97.51 -0.09 0.00	101.36 -0.64 0.00	117.99 0.77 0.00	126.48 1.80 0.00	160.31 0.62 0.00	160.23 0.13 0.00	46.35 -0.60 0.00	61.49 -0.74 0.00	72.87 -1.13 0.00	77.91 -0.56 0.00	96.20 -0.11 0.00	88.08 -0.78 0.00
INDECK___OSWEGO 23783	65.61 -1.60 0.00	64.62 -2.02 0.00	62.80 -2.14 -0.13	56.84 -1.84 -0.20	75.30 -2.34 -5.55	65.16 -2.18 -1.16	68.20 -2.40 -0.59	66.00 -2.23 0.00	79.99 -2.32 -2.97	53.85 -1.44 0.00	86.00 -2.39 0.00	93.73 -2.28 0.00	95.33 -2.27 0.00	99.67 -2.33 0.00	114.89 -2.32 0.00	122.42 -2.27 0.00	156.45 -3.23 0.00	156.75 -3.35 0.00	46.03 -0.92 0.00	61.08 -1.15 0.00	72.71 -1.29 0.00	77.21 -1.25 0.00	94.33 -1.98 0.00	86.52 -2.34 0.00
INDECK___YERKES 23781	67.31 0.09 0.00	64.32 -2.33 0.00	61.46 -3.35 0.00	55.67 -2.81 0.00	69.09 -3.00 0.00	63.44 -2.74 0.00	66.06 -3.95 0.00	64.17 -4.06 0.00	76.14 -3.21 0.00	54.57 -0.72 0.00	87.91 -0.48 0.00	97.48 1.46 0.00	97.95 0.35 0.00	102.11 0.11 0.00	118.10 0.89 0.00	126.11 1.42 0.00	161.28 1.59 0.00	160.72 0.62 0.00	46.77 -0.18 0.00	61.65 -0.58 0.00	72.89 -1.11 0.00	77.78 -0.69 0.00	95.93 -0.39 0.00	88.82 -0.04 0.00
INDIAN POINT_GT_1 24139	71.12 2.81 -1.10	71.80 2.22 -2.93	68.37 2.11 -1.45	61.22 2.15 -0.60	75.10 2.55 -0.46	68.46 2.29 0.00	72.48 2.46 0.00	70.71 2.48 0.00	83.10 3.75 0.00	58.57 3.28 0.00	93.73 5.34 0.00	101.99 5.97 0.00	103.89 6.29 0.00	108.04 6.04 0.00	125.80 8.58 0.00	135.42 10.73 0.00	172.73 13.05 0.00	172.91 12.81 0.00	60.46 3.60 -9.91	74.82 4.50 -8.09	96.74 5.07 -17.68	110.65 5.17 -27.01	101.99 5.68 0.00	93.29 4.42 0.00
INDIAN POINT_GT_2 23659	71.12 2.81 -1.10	71.80 2.22 -2.93	68.37 2.11 -1.45	61.22 2.15 -0.60	75.10 2.55 -0.46	68.46 2.29 0.00	72.48 2.46 0.00	70.71 2.48 0.00	83.10 3.75 0.00	58.57 3.28 0.00	93.73 5.34 0.00	101.99 5.97 0.00	103.89 6.29 0.00	108.04 6.04 0.00	125.80 8.58 0.00	135.42 10.73 0.00	172.73 13.05 0.00	172.91 12.81 0.00	60.46 3.60 -9.91	74.82 4.50 -8.09	96.74 5.07 -17.68	110.65 5.17 -27.01	101.99 5.68 0.00	93.29 4.42 0.00
INDIAN POINT_GT_3 24019	71.12 2.81 -1.10	71.80 2.22 -2.93	68.37 2.11 -1.45	61.22 2.15 -0.60	75.10 2.55 -0.46	68.46 2.29 0.00	72.48 2.46 0.00	70.71 2.48 0.00	83.10 3.75 0.00	58.57 3.28 0.00	93.73 5.34 0.00	101.99 5.97 0.00	103.89 6.29 0.00	108.04 6.04 0.00	125.80 8.58 0.00	135.42 10.73 0.00	172.73 13.05 0.00	172.91 12.81 0.00	60.46 3.60 -9.91	74.82 4.50 -8.09	96.74 5.07 -17.68	110.65 5.17 -27.01	101.99 5.68 0.00	93.29 4.42 0.00
INDIAN POINT___2 23530	70.96 2.70 -1.05	71.54 2.10 -2.80	68.19 1.99 -1.38	61.08 2.04 -0.57	74.95 2.42 -0.44	68.34 2.16 0.00	72.33 2.32 0.00	70.58 2.35 0.00	82.90 3.55 0.00	58.46 3.17 0.00	93.58 5.19 0.00	101.88 5.86 0.00	103.73 6.13 0.00	107.83 5.83 0.00	125.60 8.38 0.00	135.18 10.49 0.00	172.47 12.79 0.00	172.64 12.54 0.00	60.19 3.50 -9.74	74.56 4.37 -7.96	96.31 4.91 -17.40	110.07 5.02 -26.59	101.82 5.50 0.00	93.10 4.24 0.00
INDIAN POINT___3 23531	71.02 2.70 -1.10	71.69 2.11 -2.94	68.28 2.02 -1.45	61.14 2.07 -0.60	75.01 2.46 -0.46	68.37 2.19 0.00	72.38 2.36 0.00	70.60 2.37 0.00	82.97 3.62 0.00	58.47 3.18 0.00	93.58 5.19 0.00	101.82 5.81 0.00	103.69 6.09 0.00	107.83 5.83 0.00	125.54 8.33 0.00	135.08 10.39 0.00	172.34 12.66 0.00	172.54 12.44 0.00	60.36 3.49 -9.92	74.67 4.34 -8.09	96.60 4.91 -17.69	110.50 5.00 -27.03	101.80 5.49 0.00	93.12 4.25 0.00
INGHAM_C_115KV_TB7 356103	69.30 2.09 0.00	68.32 1.67 0.00	66.51 1.70 0.00	60.33 1.86 0.00	74.18 2.08 0.00	68.03 1.85 0.00	71.92 1.91 0.00	69.53 1.30 0.00	80.45 1.11 0.00	55.73 0.44 0.00	88.52 0.13 0.00	96.50 0.49 0.00	98.84 1.24 0.00	103.15 1.15 0.00	119.80 2.59 0.00	128.29 3.60 0.00	165.74 6.06 0.00	168.13 8.04 0.00	49.54 2.59 0.00	65.89 3.66 0.00	78.55 4.55 0.00	83.26 4.80 0.00	101.61 5.30 0.00	92.64 3.78 0.00
IP CORINTH___1 23988	81.94 4.38 -10.35	98.15 3.86 -27.64	82.07 3.62 -13.64	67.47 3.38 -5.62	80.56 4.13 -4.34	69.60 3.42 0.00	73.25 3.24 0.00	71.36 3.13 0.00	82.80 3.45 0.00	58.51 2.41 -0.81	91.51 3.12 0.00	99.76 3.74 0.00	102.21 4.62 0.00	106.73 4.73 0.00	123.44 6.23 0.00	131.92 7.23 0.00	170.66 10.98 0.00	172.31 12.21 0.00	151.62 4.21 -100.46	152.44 5.19 -85.02	266.14 6.37 -185.78	368.88 6.56 -283.85	103.51 7.20 0.00	94.70 5.83 0.00
IP___TICONDEROGA 23804	86.53 8.54 -10.77	103.12 7.69 -28.78	85.87 6.86 -14.20	70.70 6.37 -5.85	84.69 8.08 -4.52	73.05 6.87 0.00	75.52 5.51 0.00	72.84 4.61 0.00	83.76 4.42 0.00	59.75 3.57 -0.89	92.93 4.54 0.00	101.71 5.69 0.00	105.44 7.84 0.00	110.44 8.45 0.00	127.44 10.23 0.00	135.86 11.17 0.00	176.36 16.68 0.00	178.93 18.83 0.00	153.03 6.43 -99.65	153.85 7.39 -84.23	267.15 9.10 -184.05	369.97 10.28 -281.22	107.62 11.30 0.00	97.76 8.90 0.00
ISLIP_RES_REC 323679	73.36 5.02 -1.12	75.04 5.39 -3.00	71.57 5.27 -1.48	63.93 4.85 -0.61	78.24 5.67 -0.47	71.69 5.51 0.00	75.44 5.43 0.00	73.19 4.96 0.00	87.53 7.08 -1.10	61.47 5.69 -0.48	157.96 9.81 -59.76	201.49 9.06 -96.42	169.73 9.70 -62.44	178.78 9.71 -67.07	184.54 13.03 -54.30	214.02 15.39 -73.94	283.39 18.08 -105.62	283.87 17.93 -105.84	279.22 5.52 -226.75	290.33 7.12 -220.99	357.45 8.15 -275.30	177.31 8.04 -90.80	110.55 9.24 -4.99	241.00 8.66 -143.47

JAMAICA__27_KV_LOAD 355505	71.98 3.64 -1.12	72.47 2.83 -3.00	69.01 2.71 -1.48	61.84 2.75 -0.61	75.96 3.39 -0.47	69.23 3.05 0.00	73.48 3.47 0.00	71.87 3.63 0.00	84.56 5.21 0.00	59.63 4.34 0.00	95.16 6.76 0.00	103.73 7.72 0.00	105.50 7.90 0.00	109.85 7.85 0.00	127.97 10.76 0.00	137.72 13.04 0.00	175.80 16.11 0.00	175.92 15.83 0.00	61.39 4.43 -10.01	75.97 5.58 -8.16	98.18 6.33 -17.84	112.19 6.46 -27.26	103.58 7.27 0.00	94.65 5.79 0.00
JANIS__SOLAR 323808	70.88 3.67 0.00	69.46 2.82 0.00	67.22 2.39 -0.03	60.81 2.30 -0.04	76.01 2.79 -1.12	69.12 2.71 -0.23	72.91 2.78 -0.12	70.81 2.58 0.00	82.69 2.74 -0.61	57.27 1.98 0.00	91.32 2.93 0.00	99.73 3.71 0.00	101.31 3.71 0.00	105.83 3.84 0.00	122.79 5.58 0.00	131.37 6.69 0.00	167.99 8.31 0.00	169.85 9.75 0.00	55.04 3.37 -4.71	71.04 4.74 -4.08	88.51 5.59 -8.92	98.02 5.93 -13.62	102.44 6.13 0.00	93.48 4.62 0.00
JARVIS____ 23743	67.61 0.40 0.00	66.90 0.26 0.00	65.08 0.27 0.00	58.78 0.30 0.00	72.45 0.36 0.00	66.44 0.27 0.00	70.30 0.29 0.00	68.54 0.31 0.00	79.80 0.46 0.00	55.63 0.33 0.00	88.92 0.53 0.00	96.64 0.63 0.00	98.29 0.70 0.00	102.67 0.67 0.00	118.28 1.07 0.00	125.96 1.27 0.00	161.27 1.59 0.00	161.72 1.62 0.00	47.47 0.51 0.00	62.88 0.65 0.00	74.77 0.77 0.00	79.25 0.78 0.00	97.17 0.85 0.00	89.46 0.60 0.00
JENNISON____1 23625	70.85 3.64 0.00	69.56 2.92 0.00	67.43 2.60 -0.02	61.07 2.57 -0.03	76.04 3.14 -0.81	69.32 2.98 -0.17	73.06 2.97 -0.08	71.19 2.96 0.00	83.68 3.90 -0.43	58.24 2.95 0.00	93.18 4.79 0.00	101.74 5.72 0.00	103.30 5.70 0.00	107.70 5.70 0.00	124.95 7.74 0.00	133.70 9.01 0.00	170.43 10.75 0.00	171.58 11.48 0.00	58.20 3.58 -7.67	73.43 4.57 -6.64	93.19 4.69 -14.50	105.71 5.09 -22.15	101.90 5.58 0.00	92.83 3.97 0.00
JENNISON____2 23626	70.85 3.64 0.00	69.56 2.92 0.00	67.43 2.60 -0.02	61.07 2.57 -0.03	76.04 3.14 -0.81	69.32 2.98 -0.17	73.06 2.97 -0.08	71.19 2.96 0.00	83.68 3.90 -0.43	58.24 2.95 0.00	93.18 4.79 0.00	101.74 5.72 0.00	103.30 5.70 0.00	107.70 5.70 0.00	124.95 7.74 0.00	133.70 9.01 0.00	170.43 10.75 0.00	171.58 11.48 0.00	58.20 3.58 -7.67	73.43 4.57 -6.64	93.19 4.69 -14.50	105.71 5.09 -22.15	101.90 5.58 0.00	92.83 3.97 0.00
JERICOHO_RISE_WT_PWR 323719	66.41 -0.80 0.00	66.54 -0.10 0.00	64.86 0.05 0.00	58.15 -0.32 0.00	71.95 -0.15 0.00	66.14 -0.04 0.00	69.87 -0.13 0.00	67.77 -0.46 0.00	78.48 -0.87 0.00	54.62 -0.67 0.00	87.24 -1.15 0.00	94.36 -1.65 0.00	95.70 -1.90 0.00	99.98 -2.02 0.00	113.71 -3.50 0.00	120.22 -4.46 0.00	154.87 -4.82 0.00	155.37 -4.73 0.00	45.70 -1.26 0.00	60.73 -1.50 0.00	72.34 -1.66 0.00	76.61 -1.85 0.00	94.39 -1.92 0.00	87.18 -1.69 0.00
KATONAH__115KV_46KV_TB4 355592	71.67 3.31 -1.15	72.44 2.73 -3.06	68.92 2.59 -1.51	61.66 2.57 -0.62	75.63 3.05 -0.48	68.94 2.76 0.00	72.97 2.96 0.00	71.26 3.03 0.00	83.72 4.38 0.00	58.99 3.69 0.00	94.46 6.07 0.00	102.83 6.82 0.00	104.83 7.24 0.00	109.08 7.08 0.00	126.88 9.67 0.00	136.42 11.73 0.00	174.16 14.47 0.00	174.41 14.31 0.00	61.26 4.06 -10.25	75.68 5.09 -8.36	98.00 5.72 -18.28	112.19 5.79 -27.93	102.72 6.41 0.00	93.93 5.08 0.00
KCE_NY_1 323755	82.62 4.03 -11.38	100.70 3.67 -30.39	83.42 3.62 -14.99	67.89 3.24 -6.18	80.85 3.99 -4.77	69.50 3.32 0.00	73.50 3.49 0.00	71.63 3.40 0.00	83.24 3.89 0.00	59.02 2.72 -1.01	92.55 4.16 0.00	100.67 4.66 0.00	102.85 5.25 0.00	107.32 5.32 0.00	124.10 6.89 0.00	132.60 7.91 0.00	170.73 11.05 0.00	172.02 11.92 0.00	149.28 3.82 -98.51	150.25 4.90 -83.12	261.53 5.91 -181.62	362.06 6.08 -277.50	103.16 6.85 0.00	94.59 5.73 0.00
KCE_NY_6_ESR 323823	68.02 0.80 0.00	65.08 -1.56 0.00	62.24 -2.57 0.00	56.41 -2.07 0.00	69.87 -2.22 0.00	64.21 -1.97 0.00	67.01 -3.01 0.00	65.16 -3.08 0.00	77.46 -1.89 0.00	55.46 0.16 0.00	89.35 0.96 0.00	98.86 2.85 0.00	99.32 1.72 0.00	103.58 1.58 0.00	120.14 2.93 0.00	128.29 3.61 0.00	163.97 4.28 0.00	163.39 3.29 0.00	47.46 0.51 0.00	62.52 0.29 0.00	73.99 -0.01 0.00	78.97 0.51 0.00	97.17 0.85 0.00	89.41 0.55 0.00
KEDC_PORT_JEFF_GT2 24210	72.55 4.21 -1.12	74.29 4.65 -3.00	70.87 4.58 -1.48	63.32 4.23 -0.61	77.48 4.91 -0.47	70.99 4.81 0.00	74.67 4.66 0.00	72.40 4.16 0.00	86.53 6.08 -1.10	60.71 4.94 -0.48	168.51 8.49 -71.62	220.13 7.26 -116.85	184.54 7.64 -79.30	194.93 7.55 -85.38	200.30 10.50 -72.59	240.94 13.03 -103.22	314.81 15.31 -139.82	312.53 15.29 -137.14	323.69 4.78 -271.96	329.88 6.09 -261.57	414.73 6.74 -333.99	198.87 6.54 -113.86	110.16 7.74 -6.11	268.59 7.55 -172.17
KEDC_PORT_JEFF_GT3 24211	72.55 4.21 -1.12	74.29 4.65 -3.00	70.87 4.58 -1.48	63.32 4.23 -0.61	77.48 4.91 -0.47	70.99 4.81 0.00	74.67 4.66 0.00	72.40 4.16 0.00	86.53 6.08 -1.10	60.71 4.94 -0.48	168.51 8.49 -71.62	220.13 7.26 -116.85	184.54 7.64 -79.30	194.93 7.55 -85.38	200.30 10.50 -72.59	240.94 13.03 -103.22	314.81 15.31 -139.82	312.53 15.29 -137.14	323.69 4.78 -271.96	329.88 6.09 -261.57	414.73 6.74 -333.99	198.87 6.54 -113.86	110.16 7.74 -6.11	268.59 7.55 -172.17
KEDC_GLWD_GT4 24219	71.72 3.38 -1.13	72.73 3.08 -3.01	69.62 3.33 -1.48	62.26 3.18 -0.61	76.34 3.77 -0.47	69.66 3.49 0.00	73.52 3.51 0.00	71.37 3.14 0.00	85.22 4.77 -1.10	60.18 4.41 -0.48	95.92 6.92 -0.61	103.38 7.09 -0.27	105.84 7.60 -0.64	109.53 7.53 0.00	128.45 10.45 -0.79	141.56 12.79 -4.09	196.57 15.68 -21.21	210.24 15.51 -34.63	144.63 4.46 -93.22	127.46 5.60 -59.63	103.98 6.20 -23.78	111.91 6.18 -27.27	103.05 6.73 0.00	98.26 5.59 -3.81
KEDC_GLWD_GT5 24220	71.72 3.38 -1.13	72.73 3.08 -3.01	69.62 3.33 -1.48	62.26 3.18 -0.61	76.34 3.77 -0.47	69.66 3.49 0.00	73.52 3.51 0.00	71.37 3.14 0.00	85.22 4.77 -1.10	60.18 4.41 -0.48	95.92 6.92 -0.61	103.38 7.09 -0.27	105.84 7.60 -0.64	109.53 7.53 0.00	128.45 10.45 -0.79	141.56 12.79 -4.09	196.57 15.68 -21.21	210.24 15.51 -34.63	144.63 4.46 -93.22	127.46 5.60 -59.63	103.98 6.20 -23.78	111.91 6.18 -27.27	103.05 6.73 0.00	98.26 5.59 -3.81
KENSICO____ 23655	71.39 3.05 -1.12	72.10 2.46 -3.00	68.65 2.36 -1.48	61.45 2.37 -0.61	75.38 2.82 -0.47	68.71 2.53 0.00	72.75 2.74 0.00	70.99 2.76 0.00	83.45 4.10 0.00	58.83 3.54 0.00	94.15 5.76 0.00	102.40 6.38 0.00	104.32 6.72 0.00	108.50 6.50 0.00	126.29 9.08 0.00	135.91 11.23 0.00	173.37 13.69 0.00	173.56 13.46 0.00	60.75 3.80 -10.00	75.13 4.75 -8.15	97.17 5.35 -17.82	111.12 5.42 -27.23	102.31 5.99 0.00	93.58 4.72 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	69.44 3.76 1.53	65.67 3.13 4.10	65.72 2.93 2.02	60.47 2.83 0.83	74.83 3.37 0.64	69.26 3.08 0.00	73.27 3.26 0.00	71.71 3.48 0.00	84.81 5.47 0.00	59.53 4.32 0.09	95.39 7.00 0.00	103.83 7.82 0.00	105.92 8.32 0.00	110.41 8.41 0.00	128.50 11.29 0.00	137.75 13.06 0.00	174.99 15.31 0.00	175.62 15.52 0.00	63.14 4.49 -11.69	78.08 5.73 -10.12	102.68 6.57 -22.11	118.97 6.72 -33.79	103.86 7.55 0.00	94.86 6.00 0.00

KIAC_JFK_GT1 23816	71.23 2.89 -1.12	71.77 2.12 -3.00	68.32 2.03 -1.48	61.23 2.15 -0.61	75.20 2.63 -0.47	68.54 2.36 0.00	72.73 2.72 0.00	71.13 2.90 0.00	83.69 4.35 0.00	59.02 3.73 0.00	94.14 5.75 0.00	102.62 6.60 0.00	104.36 6.76 0.00	108.65 6.65 0.00	126.54 9.32 0.00	136.16 11.48 0.00	173.79 14.11 0.00	173.86 13.76 0.00	60.80 3.84 -10.01	75.18 4.79 -8.16	97.43 5.59 -17.84	111.41 5.68 -27.26	102.63 6.31 0.00	93.80 4.94 0.00
KIAC_JFK_GT2 23817	71.23 2.89 -1.12	71.77 2.12 -3.00	68.32 2.03 -1.48	61.23 2.15 -0.61	75.20 2.63 -0.47	68.54 2.36 0.00	72.73 2.72 0.00	71.13 2.90 0.00	83.69 4.35 0.00	59.02 3.73 0.00	94.14 5.75 0.00	102.62 6.60 0.00	104.36 6.76 0.00	108.65 6.65 0.00	126.54 9.32 0.00	136.16 11.48 0.00	173.79 14.11 0.00	173.86 13.76 0.00	60.80 3.84 -10.01	75.18 4.79 -8.16	97.43 5.59 -17.84	111.41 5.68 -27.26	102.63 6.31 0.00	93.80 4.94 0.00
KIAC_JFK____ 323774	71.23 2.89 -1.12	71.76 2.12 -3.00	68.32 2.03 -1.48	61.23 2.15 -0.61	75.20 2.63 -0.47	68.53 2.35 0.00	72.72 2.71 0.00	71.13 2.90 0.00	83.63 4.29 0.00	59.02 3.73 0.00	94.14 5.75 0.00	102.63 6.61 0.00	104.36 6.76 0.00	108.65 6.65 0.00	126.53 9.32 0.00	136.16 11.48 0.00	173.79 14.10 0.00	173.87 13.77 0.00	60.80 3.84 -10.01	75.17 4.78 -8.16	97.42 5.57 -17.84	111.40 5.67 -27.26	102.63 6.31 0.00	93.78 4.92 0.00
KINTIGH__24_KV_GSU 356498	67.09 -0.12 0.00	64.47 -2.18 0.00	61.87 -2.94 0.00	56.08 -2.40 0.00	69.49 -2.60 0.00	63.80 -2.38 0.00	66.66 -3.35 0.00	64.85 -3.38 0.00	76.65 -2.70 0.00	54.63 -0.66 0.00	87.93 -0.46 0.00	97.17 1.16 0.00	97.84 0.24 0.00	101.96 -0.04 0.00	117.71 0.50 0.00	125.54 0.85 0.00	159.38 -0.30 0.00	158.70 -1.40 0.00	46.27 -0.68 0.00	61.14 -1.09 0.00	72.90 -1.10 0.00	77.97 -0.50 0.00	95.98 -0.33 0.00	88.61 -0.25 0.00
KINTIGH____ 23543	67.07 -0.14 0.00	64.43 -2.21 0.00	61.86 -2.95 0.00	56.04 -2.43 0.00	69.45 -2.64 0.00	63.76 -2.42 0.00	66.61 -3.40 0.00	64.81 -3.42 0.00	76.48 -2.87 0.00	54.60 -0.69 0.00	87.87 -0.52 0.00	97.09 1.08 0.00	97.75 0.15 0.00	101.87 -0.12 0.00	117.63 0.42 0.00	125.41 0.73 0.00	159.52 -0.16 0.00	158.89 -1.21 0.00	46.30 -0.65 0.00	61.18 -1.05 0.00	72.85 -1.15 0.00	77.89 -0.58 0.00	95.90 -0.41 0.00	88.53 -0.34 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	67.30 0.08 0.00	67.25 0.61 0.00	65.60 0.79 0.00	58.91 0.44 0.00	72.94 0.85 0.00	67.03 0.85 0.00	70.61 0.60 0.00	68.36 0.13 0.00	79.01 -0.34 0.00	55.19 -0.11 0.00	87.93 -0.46 0.00	95.36 -0.66 0.00	96.85 -0.75 0.00	101.00 -1.00 0.00	115.01 -2.20 0.00	121.57 -3.12 0.00	156.63 -3.05 0.00	157.47 -2.63 0.00	46.44 -0.52 0.00	61.82 -0.41 0.00	73.59 -0.41 0.00	77.92 -0.55 0.00	95.86 -0.46 0.00	88.38 -0.48 0.00
LACHUTE____HYDRO 323717	86.53 8.54 -10.77	103.12 7.69 -28.78	85.87 6.86 -14.20	70.70 6.37 -5.85	84.69 8.07 -4.52	73.05 6.87 0.00	75.52 5.51 0.00	72.84 4.61 0.00	83.76 4.42 0.00	59.75 3.57 -0.89	92.93 4.54 0.00	101.71 5.69 0.00	105.44 7.84 0.00	110.44 8.44 0.00	127.44 10.23 0.00	135.87 11.18 0.00	176.36 16.68 0.00	178.94 18.84 0.00	153.03 6.43 -99.65	153.84 7.39 -84.23	267.15 9.09 -184.05	369.97 10.28 -281.22	107.60 11.28 0.00	97.76 8.90 0.00
LAWRNCV_115KV_TB1 80681	67.27 0.06 0.00	67.37 0.72 0.00	65.56 0.75 0.00	58.81 0.33 0.00	72.73 0.64 0.00	66.90 0.73 0.00	70.44 0.43 0.00	67.91 -0.32 0.00	78.02 -1.32 0.00	54.08 -1.21 0.00	86.56 -1.83 0.00	93.32 -2.70 0.00	94.08 -3.52 0.00	98.50 -3.50 0.00	111.70 -5.51 0.00	117.42 -7.27 0.00	151.37 -8.31 0.00	151.89 -8.21 0.00	44.56 -2.39 0.00	59.78 -2.45 0.00	71.68 -2.32 0.00	76.48 -1.98 0.00	94.75 -1.56 0.00	88.36 -0.50 0.00
LEDERLE____ 23769	70.26 3.04 0.00	69.03 2.38 0.00	67.07 2.25 0.00	60.73 2.25 0.00	74.78 2.69 0.00	68.60 2.42 0.00	72.62 2.61 0.00	70.88 2.65 0.00	83.33 3.99 0.00	58.79 3.50 0.00	94.21 5.83 0.00	102.63 6.61 0.00	104.52 6.92 0.00	108.64 6.64 0.00	126.63 9.42 0.00	136.40 11.72 0.00	173.92 14.24 0.00	174.10 14.00 0.00	60.46 3.88 -9.63	74.97 4.86 -7.88	96.68 5.47 -17.21	110.37 5.60 -26.30	102.50 6.19 0.00	93.64 4.78 0.00
LIGHTHSE_115KV_TB6 355974	67.64 0.43 0.00	66.51 -0.13 0.00	64.53 -0.35 -0.06	58.29 -0.29 -0.10	74.52 -0.37 -2.79	66.39 -0.37 -0.58	69.75 -0.55 -0.30	67.65 -0.58 0.00	80.50 -0.34 -1.49	55.27 -0.02 0.00	88.37 -0.02 0.00	96.17 0.16 0.00	97.65 0.05 0.00	102.13 0.14 0.00	117.62 0.41 0.00	125.32 0.63 0.00	160.40 0.72 0.00	160.29 0.19 0.00	47.20 0.24 0.00	62.99 0.76 0.00	75.51 1.51 0.00	80.23 1.76 0.00	97.75 1.43 0.00	89.27 0.41 0.00
LINDEN COGEN____ 23786	71.03 2.69 -1.12	71.41 1.94 -2.83	68.12 1.84 -1.47	60.16 1.92 0.24	52.48 2.37 21.99	57.87 2.06 10.36	66.94 2.27 5.34	57.53 2.33 13.03	79.87 3.69 3.16	58.80 3.51 0.00	93.91 5.52 0.00	102.22 6.21 0.00	104.13 6.53 0.00	108.29 6.29 0.00	126.20 8.99 0.00	135.81 11.12 0.00	173.23 13.55 0.00	173.32 13.22 0.00	60.64 3.68 -10.01	72.47 4.50 -5.75	96.89 5.05 -17.84	110.82 5.09 -27.26	101.84 5.52 0.00	93.04 4.17 0.00
LINDHRST_69_KV_BK1 356055	72.92 4.59 -1.13	74.39 4.74 -3.00	70.84 4.54 -1.48	63.29 4.20 -0.61	77.50 4.93 -0.47	70.87 4.70 0.00	74.61 4.60 0.00	72.72 4.49 0.00	87.01 6.57 -1.10	60.90 5.13 -0.48	104.24 8.62 -7.23	115.01 8.19 -10.80	111.81 8.76 -5.45	116.05 8.83 -5.22	132.21 12.02 -2.98	143.35 14.64 -4.02	197.86 17.80 -20.37	204.49 17.84 -26.56	136.48 5.36 -84.17	133.90 6.87 -64.80	132.43 7.63 -50.79	115.41 7.53 -29.41	105.37 8.61 -0.45	115.59 7.91 -18.81
LIPA_MISC_IPP 23656	72.46 4.12 -1.13	74.37 4.72 -3.00	71.06 4.76 -1.48	63.46 4.38 -0.61	77.68 5.12 -0.47	71.17 4.99 0.00	74.91 4.90 0.00	72.31 4.08 0.00	86.31 5.86 -1.10	60.58 4.80 -0.48	157.82 8.27 -61.15	198.78 7.40 -95.36	162.17 7.90 -56.67	170.62 7.81 -60.81	172.73 10.54 -44.98	192.87 12.72 -55.46	256.43 15.04 -81.71	257.35 15.47 -81.78	258.26 4.81 -206.50	269.73 6.11 -201.39	335.59 6.71 -254.87	162.20 6.51 -77.22	108.91 7.44 -5.15	243.64 7.75 -147.03
LISF____SOLAR 323691	72.66 4.32 -1.12	74.57 4.93 -3.00	71.24 4.95 -1.48	63.64 4.55 -0.61	77.87 5.30 -0.47	71.36 5.18 0.00	75.12 5.11 0.00	72.50 4.27 0.00	86.46 6.01 -1.10	60.72 4.94 -0.48	158.92 8.52 -62.00	201.17 7.67 -97.49	165.15 8.15 -59.40	173.85 8.07 -63.78	176.41 10.84 -48.37	199.12 13.06 -61.37	264.25 15.54 -89.03	265.09 16.11 -88.88	266.34 5.02 -214.37	277.49 6.37 -208.89	345.35 7.02 -264.33	166.96 6.82 -81.68	109.37 7.82 -5.23	245.99 8.08 -149.05
LITTLE FALLS____HYD 24013	69.30 2.09 0.00	68.32 1.67 0.00	66.51 1.70 0.00	60.33 1.86 0.00	74.18 2.08 0.00	68.03 1.85 0.00	71.92 1.91 0.00	69.53 1.30 0.00	80.45 1.11 0.00	55.73 0.44 0.00	88.52 0.13 0.00	96.50 0.49 0.00	98.84 1.24 0.00	103.15 1.15 0.00	119.80 2.59 0.00	128.29 3.60 0.00	165.74 6.06 0.00	168.13 8.04 0.00	49.54 2.59 0.00	65.89 3.66 0.00	78.55 4.55 0.00	83.26 4.80 0.00	101.61 5.30 0.00	92.64 3.78 0.00

LITTLRIV_115KV_TB1 356100	68.48 1.27 0.00	68.60 1.95 0.00	66.72 1.91 0.00	59.83 1.36 0.00	74.03 1.94 0.00	68.15 1.97 0.00	71.74 1.73 0.00	69.00 0.77 0.00	78.93 -0.42 0.00	54.52 -0.77 0.00	87.26 -1.13 0.00	93.95 -2.07 0.00	94.75 -2.85 0.00	99.18 -2.83 0.00	112.40 -4.82 0.00	118.15 -6.54 0.00	152.27 -7.41 0.00	153.32 -6.78 0.00	45.07 -1.88 0.00	60.90 -1.33 0.00	73.31 -0.69 0.00	78.24 -0.23 0.00	96.83 0.51 0.00	90.19 1.33 0.00
LI_NEWBRDGE___DRP 323616	71.60 3.26 -1.13	72.92 3.27 -3.00	69.50 3.21 -1.48	62.13 3.04 -0.61	76.11 3.54 -0.47	69.56 3.38 0.00	73.23 3.22 0.00	71.38 3.15 0.00	85.23 4.79 -1.10	59.69 3.92 -0.48	95.56 6.55 -0.61	102.44 6.15 -0.27	104.90 6.67 -0.64	108.56 6.56 0.00	127.30 9.30 -0.79	140.23 11.57 -3.97	190.60 13.88 -17.04	191.27 13.81 -17.36	102.43 4.16 -51.32	94.05 5.23 -26.60	103.51 5.73 -23.78	111.34 5.61 -27.27	102.60 6.28 0.00	98.33 5.66 -3.81
LOCKPORT_115KV_TB60_63_64 80432	67.00 -0.21 0.00	63.99 -2.65 0.00	61.23 -3.58 0.00	55.48 -2.99 0.00	68.95 -3.15 0.00	63.32 -2.86 0.00	65.82 -4.18 0.00	63.84 -4.39 0.00	75.51 -3.84 0.00	54.19 -1.11 0.00	87.25 -1.14 0.00	96.77 0.75 0.00	97.16 -0.44 0.00	101.18 -0.82 0.00	116.94 -0.27 0.00	124.73 0.05 0.00	159.70 0.01 0.00	159.21 -0.89 0.00	46.36 -0.59 0.00	61.10 -1.13 0.00	72.38 -1.62 0.00	77.36 -1.10 0.00	95.54 -0.77 0.00	88.42 -0.45 0.00
LOCKPORT___CC1 323769	66.68 -0.54 0.00	63.71 -2.93 0.00	60.96 -3.86 0.00	55.24 -3.23 0.00	68.61 -3.48 0.00	63.01 -3.17 0.00	65.54 -4.47 0.00	63.56 -4.67 0.00	75.29 -4.05 0.00	53.93 -1.36 0.00	86.86 -1.53 0.00	96.29 0.27 0.00	96.63 -0.97 0.00	100.66 -1.33 0.00	116.35 -0.86 0.00	124.12 -0.56 0.00	158.71 -0.97 0.00	158.28 -1.81 0.00	46.12 -0.83 0.00	60.76 -1.46 0.00	71.99 -2.01 0.00	76.92 -1.54 0.00	95.02 -1.29 0.00	87.97 -0.89 0.00
LOCKPORT___CC2 323770	66.68 -0.54 0.00	63.71 -2.93 0.00	60.96 -3.86 0.00	55.24 -3.23 0.00	68.61 -3.48 0.00	63.01 -3.17 0.00	65.54 -4.47 0.00	63.56 -4.67 0.00	75.29 -4.05 0.00	53.93 -1.36 0.00	86.86 -1.53 0.00	96.29 0.27 0.00	96.63 -0.97 0.00	100.66 -1.33 0.00	116.35 -0.86 0.00	124.12 -0.56 0.00	158.71 -0.97 0.00	158.28 -1.81 0.00	46.12 -0.83 0.00	60.76 -1.46 0.00	71.99 -2.01 0.00	76.92 -1.54 0.00	95.02 -1.29 0.00	87.97 -0.89 0.00
LOCKPORT___CC3 323771	66.68 -0.54 0.00	63.71 -2.93 0.00	60.96 -3.86 0.00	55.24 -3.23 0.00	68.61 -3.48 0.00	63.01 -3.17 0.00	65.54 -4.47 0.00	63.56 -4.67 0.00	75.29 -4.05 0.00	53.93 -1.36 0.00	86.86 -1.53 0.00	96.29 0.27 0.00	96.63 -0.97 0.00	100.66 -1.33 0.00	116.35 -0.86 0.00	124.12 -0.56 0.00	158.71 -0.97 0.00	158.28 -1.81 0.00	46.12 -0.83 0.00	60.76 -1.46 0.00	71.99 -2.01 0.00	76.92 -1.54 0.00	95.02 -1.29 0.00	87.97 -0.89 0.00
LOCUSVLY_69_KV_BK2 55797	72.30 3.96 -1.13	73.36 3.72 -3.00	69.99 3.69 -1.48	62.57 3.48 -0.61	76.68 4.11 -0.47	70.02 3.84 0.00	73.79 3.78 0.00	71.90 3.67 0.00	85.96 5.51 -1.10	60.44 4.66 -0.48	96.80 7.79 -0.61	103.99 7.70 -0.27	106.62 8.38 -0.64	110.35 8.35 0.00	129.50 11.50 -0.79	142.71 13.97 -4.06	196.98 17.08 -20.22	207.64 16.88 -30.67	136.47 4.99 -84.53	121.18 6.18 -52.78	104.62 6.84 -23.78	112.55 6.82 -27.27	103.84 7.53 0.00	99.28 6.60 -3.81
LONG_LAKE_PHOENIX 24014	66.40 -0.82 0.00	65.34 -1.31 0.00	63.42 -1.49 -0.10	57.39 -1.24 -0.15	74.75 -1.57 -4.22	65.59 -1.47 -0.88	68.82 -1.65 -0.45	66.77 -1.46 0.00	80.22 -1.39 -2.26	54.56 -0.73 0.00	87.23 -1.16 0.00	95.19 -0.83 0.00	96.85 -0.75 0.00	101.26 -0.74 0.00	116.98 -0.23 0.00	124.76 0.07 0.00	159.17 -0.51 0.00	159.69 -0.40 0.00	46.85 -0.10 0.00	62.08 -0.15 0.00	73.80 -0.20 0.00	78.37 -0.10 0.00	95.73 -0.58 0.00	87.76 -1.10 0.00
LOVETT___3 23632	70.79 2.54 -1.04	71.37 1.95 -2.76	68.04 1.86 -1.36	60.95 1.91 -0.56	74.78 2.25 -0.43	68.21 2.03 0.00	72.18 2.17 0.00	70.42 2.19 0.00	82.74 3.39 0.00	58.32 3.03 0.00	93.38 4.99 0.00	101.63 5.62 0.00	103.48 5.88 0.00	107.58 5.58 0.00	125.33 8.12 0.00	134.92 10.23 0.00	172.09 12.40 0.00	172.24 12.15 0.00	60.04 3.39 -9.70	74.38 4.22 -7.93	96.08 4.75 -17.34	109.81 4.85 -26.49	101.61 5.30 0.00	92.92 4.06 0.00
LOVETT___4 23642	70.79 2.54 -1.04	71.37 1.95 -2.76	68.04 1.86 -1.36	60.95 1.91 -0.56	74.78 2.25 -0.43	68.21 2.03 0.00	72.18 2.17 0.00	70.42 2.19 0.00	82.74 3.39 0.00	58.32 3.03 0.00	93.38 4.99 0.00	101.63 5.62 0.00	103.48 5.88 0.00	107.58 5.58 0.00	125.33 8.12 0.00	134.92 10.23 0.00	172.09 12.40 0.00	172.24 12.15 0.00	60.04 3.39 -9.70	74.38 4.22 -7.93	96.08 4.75 -17.34	109.81 4.85 -26.49	101.61 5.30 0.00	92.92 4.06 0.00
LOVETT___5 23593	70.79 2.54 -1.04	71.37 1.95 -2.76	68.04 1.86 -1.36	60.95 1.91 -0.56	74.78 2.25 -0.43	68.21 2.03 0.00	72.18 2.17 0.00	70.42 2.19 0.00	82.74 3.39 0.00	58.32 3.03 0.00	93.38 4.99 0.00	101.63 5.62 0.00	103.48 5.88 0.00	107.58 5.58 0.00	125.33 8.12 0.00	134.92 10.23 0.00	172.09 12.40 0.00	172.24 12.15 0.00	60.04 3.39 -9.70	74.38 4.22 -7.93	96.08 4.75 -17.34	109.81 4.85 -26.49	101.61 5.30 0.00	92.92 4.06 0.00
LOWER RAQUET___HYD 24057	67.35 0.13 0.00	67.43 0.78 0.00	65.61 0.79 -0.01	58.85 0.36 -0.01	73.13 0.68 -0.36	67.01 0.76 -0.07	70.44 0.39 -0.04	67.78 -0.45 0.00	77.97 -1.56 -0.19	53.92 -1.38 0.00	86.29 -2.10 0.00	92.97 -3.04 0.00	93.66 -3.94 0.00	98.06 -3.94 0.00	111.17 -6.04 0.00	116.90 -7.79 0.00	150.73 -8.95 0.00	151.27 -8.83 0.00	44.40 -2.55 0.00	59.63 -2.60 0.00	71.63 -2.37 0.00	76.53 -1.93 0.00	94.84 -1.48 0.00	88.38 -0.48 0.00
LOWER___HUDSON 24059	88.27 2.76 -18.29	118.04 2.52 -48.87	91.44 2.52 -24.11	70.88 2.47 -9.94	82.69 2.92 -7.67	68.24 2.06 0.00	72.35 2.34 0.00	70.54 2.31 0.00	81.95 2.60 0.00	59.41 1.75 -2.37	91.49 3.10 0.00	99.45 3.44 0.00	101.47 3.87 0.00	105.78 3.77 0.00	122.23 5.02 0.00	130.52 5.83 0.00	167.39 7.71 0.00	168.35 8.25 0.00	134.23 2.61 -84.66	135.26 3.33 -69.70	230.26 3.95 -152.30	315.34 4.16 -232.71	100.96 4.65 0.00	92.86 4.00 0.00
LOWVILLE_115KV_TB2 356335	69.98 2.77 0.00	68.99 2.34 0.00	66.96 2.13 -0.02	60.37 1.86 -0.03	75.29 2.35 -0.84	68.49 2.13 -0.18	72.04 1.94 -0.09	69.76 1.52 0.00	81.44 1.65 -0.44	56.42 1.13 0.00	90.18 1.79 0.00	97.74 1.73 0.00	99.08 1.48 0.00	103.93 1.93 0.00	119.05 1.84 0.00	126.73 2.04 0.00	163.12 3.44 0.00	163.32 3.22 0.00	48.20 1.25 0.00	64.68 2.45 0.00	78.17 4.17 0.00	82.93 4.47 0.00	100.61 4.30 0.00	91.71 2.85 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	82.58 3.99 -11.38	100.66 3.62 -30.39	83.34 3.53 -14.99	67.94 3.28 -6.18	80.86 3.99 -4.77	69.50 3.32 0.00	73.44 3.43 0.00	71.57 3.33 0.00	83.14 3.79 0.00	58.90 2.60 -1.01	92.41 4.02 0.00	100.55 4.54 0.00	102.66 5.07 0.00	107.17 5.17 0.00	123.91 6.70 0.00	132.39 7.70 0.00	170.42 10.74 0.00	171.77 11.67 0.00	149.17 3.71 -98.51	150.13 4.78 -83.12	261.39 5.76 -181.62	361.94 5.97 -277.50	103.03 6.71 0.00	94.50 5.64 0.00

LUTHERNY_35_KV_BK2 355980	82.62 4.03 -11.38	100.70 3.67 -30.39	83.42 3.61 -14.99	67.89 3.24 -6.18	80.85 3.99 -4.77	69.50 3.32 0.00	73.51 3.50 0.00	71.63 3.40 0.00	83.24 3.89 0.00	59.02 2.72 -1.01	92.55 4.16 0.00	100.66 4.65 0.00	102.85 5.25 0.00	107.32 5.32 0.00	124.10 6.89 0.00	132.59 7.91 0.00	170.74 11.05 0.00	172.04 11.94 0.00	149.28 3.82 -98.51	150.25 4.90 -83.12	261.53 5.91 -181.62	362.05 6.08 -277.50	103.17 6.85 0.00	94.60 5.73 0.00
LWR___OSWEGATCHIE_HYD 23850	68.58 1.37 0.00	68.06 1.42 0.00	66.13 1.30 -0.02	59.47 0.97 -0.03	74.16 1.34 -0.72	67.62 1.29 -0.15	71.07 0.98 -0.08	68.57 0.34 0.00	79.60 -0.12 -0.38	55.08 -0.22 0.00	88.08 -0.32 0.00	95.21 -0.81 0.00	96.16 -1.44 0.00	100.70 -1.30 0.00	114.74 -2.47 0.00	121.42 -3.26 0.00	156.31 -3.37 0.00	156.65 -3.45 0.00	46.13 -0.82 0.00	62.03 -0.20 0.00	74.99 0.99 0.00	79.86 1.40 0.00	97.80 1.48 0.00	90.04 1.17 0.00
LYONS_FALL_HYD 23570	69.77 2.56 0.00	68.81 2.17 0.00	66.77 1.94 -0.01	60.24 1.75 -0.02	74.89 2.17 -0.62	68.27 1.97 -0.13	71.98 1.91 -0.07	69.85 1.62 0.00	81.55 1.88 -0.32	56.63 1.33 0.00	90.57 2.18 0.00	98.26 2.24 0.00	99.72 2.12 0.00	104.55 2.55 0.00	120.17 2.96 0.00	127.95 3.27 0.00	164.44 4.76 0.00	164.70 4.60 0.00	48.53 1.57 0.00	64.85 2.62 0.00	77.92 3.92 0.00	82.63 4.17 0.00	100.62 4.31 0.00	91.92 3.06 0.00
MADISON___COUNTY_LFGE 323628	69.76 2.55 0.00	68.72 2.07 0.00	66.65 1.83 -0.02	60.22 1.72 -0.03	74.84 2.05 -0.70	68.24 1.92 -0.15	72.10 2.01 -0.07	70.12 1.89 0.00	82.11 2.43 -0.34	57.08 1.78 0.00	91.44 3.05 0.00	99.18 3.16 0.00	100.70 3.10 0.00	105.54 3.54 0.00	121.88 4.67 0.00	129.61 4.93 0.00	166.27 6.59 0.00	166.77 6.67 0.00	48.96 2.01 0.00	65.04 2.81 0.00	77.65 3.65 0.00	82.37 3.91 0.00	101.10 4.78 0.00	92.59 3.73 0.00
MALONE___115KV_TB1 356076	67.62 0.40 0.00	67.60 0.96 0.00	65.79 0.97 0.00	58.98 0.51 0.00	72.96 0.87 0.00	67.09 0.92 0.00	70.82 0.81 0.00	68.59 0.36 0.00	79.21 -0.13 0.00	55.20 -0.09 0.00	88.15 -0.25 0.00	95.29 -0.73 0.00	96.48 -1.11 0.00	100.85 -1.15 0.00	114.62 -2.59 0.00	121.14 -3.55 0.00	156.27 -3.41 0.00	156.87 -3.23 0.00	46.19 -0.76 0.00	61.63 -0.60 0.00	73.60 -0.40 0.00	78.11 -0.36 0.00	96.38 0.07 0.00	88.86 0.00 0.00
MAPLEWOD_115KV_TB3 80458	89.28 2.22 -19.85	121.63 1.96 -53.02	92.96 1.99 -26.16	71.21 1.95 -10.78	82.65 2.23 -8.32	67.07 0.89 0.00	71.42 1.41 0.00	69.77 1.54 0.00	80.94 1.59 0.00	54.92 0.94 1.32	91.32 2.93 0.00	99.21 3.20 0.00	101.04 3.44 0.00	105.42 3.42 0.00	121.84 4.63 0.00	130.38 5.69 0.00	167.15 7.46 0.00	168.00 7.90 0.00	118.80 2.38 -69.47	121.46 2.99 -56.25	200.38 3.47 -122.91	269.86 3.59 -187.80	100.41 4.09 0.00	92.38 3.52 0.00
MAPLE_RIDGE_WT_1 323574	66.94 -0.27 0.00	66.52 -0.12 0.00	64.68 -0.13 0.00	58.34 -0.13 0.00	71.93 -0.16 0.00	65.89 -0.29 0.00	69.77 -0.24 0.00	67.94 -0.30 0.00	79.11 -0.23 0.00	55.08 -0.21 0.00	88.03 -0.36 0.00	95.47 -0.55 0.00	97.00 -0.60 0.00	101.46 -0.54 0.00	116.35 -0.86 0.00	123.66 -1.03 0.00	158.52 -1.17 0.00	158.93 -1.17 0.00	46.67 -0.28 0.00	61.84 -0.38 0.00	73.50 -0.50 0.00	77.61 -0.85 0.00	95.10 -1.22 0.00	87.75 -1.11 0.00
MAPLE_RIDGE_WT_2 323611	66.94 -0.27 0.00	66.52 -0.12 0.00	64.68 -0.13 0.00	58.34 -0.13 0.00	71.93 -0.16 0.00	65.89 -0.29 0.00	69.77 -0.24 0.00	67.94 -0.30 0.00	79.11 -0.23 0.00	55.08 -0.21 0.00	88.03 -0.36 0.00	95.47 -0.55 0.00	97.00 -0.60 0.00	101.46 -0.54 0.00	116.35 -0.86 0.00	123.66 -1.03 0.00	158.52 -1.17 0.00	158.93 -1.17 0.00	46.67 -0.28 0.00	61.84 -0.38 0.00	73.50 -0.50 0.00	77.61 -0.85 0.00	95.10 -1.22 0.00	87.75 -1.11 0.00
MARBLE_RIVER_WT_PWR 323696	66.50 -0.72 0.00	66.56 -0.09 0.00	64.90 0.09 0.00	58.23 -0.24 0.00	72.02 -0.08 0.00	66.20 0.02 0.00	69.89 -0.12 0.00	67.80 -0.43 0.00	78.50 -0.85 0.00	54.69 -0.60 0.00	87.28 -1.11 0.00	94.51 -1.51 0.00	95.92 -1.68 0.00	100.16 -1.84 0.00	113.97 -3.24 0.00	120.54 -4.14 0.00	155.16 -4.52 0.00	155.73 -4.37 0.00	45.80 -1.15 0.00	60.87 -1.36 0.00	72.45 -1.55 0.00	76.75 -1.72 0.00	94.50 -1.81 0.00	87.26 -1.60 0.00
MARSHVLE_115KV_TB1 80742	77.36 4.61 -5.54	85.51 4.07 -14.79	75.88 3.77 -7.30	64.78 3.30 -3.01	78.45 4.04 -2.32	69.94 3.76 0.00	73.73 3.72 0.00	71.32 3.09 0.00	81.84 2.49 0.00	56.86 1.56 0.00	91.30 2.91 0.00	99.36 3.34 0.00	101.06 3.46 0.00	105.77 3.77 0.00	122.12 4.91 0.00	129.50 4.81 0.00	166.44 6.76 0.00	168.03 7.93 0.00	139.95 2.59 -90.41	143.31 3.81 -77.27	247.95 5.11 -168.85	341.97 5.51 -257.99	102.99 6.68 0.00	94.50 5.64 0.00
MARSH_HILL_WT_PWR 323713	67.61 0.40 0.00	65.29 -1.35 0.00	62.53 -2.30 -0.01	56.57 -1.93 -0.02	70.36 -2.27 -0.54	64.42 -1.87 -0.11	68.06 -2.01 -0.06	66.33 -1.90 0.00	78.77 -0.87 -0.29	55.72 0.42 0.00	89.19 0.80 0.00	97.60 1.58 0.00	98.48 0.89 0.00	102.56 0.57 0.00	120.04 2.83 0.00	129.64 4.95 0.00	164.43 4.75 0.00	165.50 5.40 0.00	50.62 1.23 -2.44	65.08 0.74 -2.11	78.69 0.08 -4.61	85.82 0.30 -7.05	95.98 -0.33 0.00	87.95 -0.91 0.00
MCINTYRE_115KV_TB2 80467	68.83 1.61 0.00	69.00 2.36 0.00	67.11 2.30 0.00	60.17 1.70 0.00	74.46 2.36 0.00	68.56 2.39 0.00	72.28 2.27 0.00	69.53 1.30 0.00	79.40 0.05 0.00	54.76 -0.53 0.00	87.65 -0.74 0.00	94.34 -1.68 0.00	95.26 -2.34 0.00	99.74 -2.26 0.00	113.00 -4.21 0.00	118.72 -5.96 0.00	153.07 -6.62 0.00	154.25 -5.85 0.00	45.39 -1.57 0.00	61.45 -0.78 0.00	73.97 -0.03 0.00	78.85 0.38 0.00	97.50 1.19 0.00	90.84 1.98 0.00
MECO_____69_KV_BK1 80468	78.80 5.63 -5.96	87.62 5.04 -15.93	77.40 4.73 -7.86	65.96 4.24 -3.24	79.89 5.30 -2.50	71.08 4.91 0.00	74.96 4.95 0.00	72.39 4.16 0.00	82.62 3.27 0.00	57.06 1.77 0.00	91.13 2.74 0.00	98.98 2.97 0.00	100.76 3.16 0.00	105.51 3.51 0.00	122.07 4.86 0.00	130.29 5.61 0.00	169.16 9.48 0.00	172.53 12.43 0.00	147.93 3.96 -97.02	151.03 5.88 -82.92	262.79 7.59 -181.19	363.30 7.98 -276.85	105.59 9.28 0.00	96.69 7.83 0.00
MENANDS___115KV_TB5 355628	86.10 1.58 -17.31	114.29 1.40 -46.24	89.10 1.47 -22.82	69.40 1.52 -9.40	81.03 1.67 -7.26	66.48 0.30 0.00	70.89 0.87 0.00	69.26 1.03 0.00	80.31 0.96 0.00	54.44 0.50 1.36	90.65 2.26 0.00	98.46 2.45 0.00	100.21 2.61 0.00	104.49 2.49 0.00	120.73 3.52 0.00	129.08 4.40 0.00	165.44 5.76 0.00	166.13 6.03 0.00	114.93 1.83 -66.15	118.43 2.25 -53.94	194.47 2.59 -117.88	261.22 2.64 -180.11	99.29 2.98 0.00	91.47 2.61 0.00
MG INDUSTRY___DRP 24185	48.50 0.06 18.78	16.49 0.01 50.17	40.24 0.18 24.75	48.64 0.37 10.20	64.59 0.37 7.87	66.00 -0.17 0.00	70.14 0.13 0.00	68.40 0.17 0.00	79.31 -0.03 0.00	54.23 -0.31 0.76	88.08 -0.31 0.00	95.61 -0.41 0.00	97.28 -0.32 0.00	101.43 -0.57 0.00	117.06 -0.15 0.00	124.96 0.27 0.00	160.26 0.58 0.00	161.05 0.95 0.00	80.86 0.36 -33.54	96.19 0.44 -33.52	147.79 0.53 -73.25	190.88 0.49 -111.93	96.80 0.49 0.00	89.22 0.36 0.00

MID___OSWEGATCHIE_HYD 23849	68.58 1.37 0.00	68.06 1.42 0.00	66.13 1.30 -0.02	59.47 0.97 -0.03	74.16 1.34 -0.72	67.62 1.29 -0.15	71.07 0.98 -0.08	68.57 0.34 0.00	79.60 -0.12 -0.38	55.08 -0.22 0.00	88.08 -0.32 0.00	95.21 -0.81 0.00	96.16 -1.44 0.00	100.70 -1.30 0.00	114.74 -2.47 0.00	121.42 -3.26 0.00	156.31 -3.37 0.00	156.65 -3.45 0.00	46.13 -0.82 0.00	62.03 -0.20 0.00	74.99 0.99 0.00	79.86 1.40 0.00	97.80 1.48 0.00	90.04 1.17 0.00
MID___RAQUETTE_HYD 23851	67.35 0.13 0.00	67.43 0.78 0.00	65.61 0.79 -0.01	58.85 0.36 -0.01	73.14 0.68 -0.36	67.01 0.76 -0.07	70.44 0.39 -0.04	67.78 -0.45 0.00	77.97 -1.56 -0.19	53.92 -1.37 0.00	86.29 -2.10 0.00	92.96 -3.05 0.00	93.66 -3.94 0.00	98.06 -3.94 0.00	111.16 -6.05 0.00	116.90 -7.79 0.00	150.73 -8.95 0.00	151.27 -8.83 0.00	44.40 -2.55 0.00	59.63 -2.59 0.00	71.63 -2.37 0.00	76.53 -1.93 0.00	94.84 -1.48 0.00	88.38 -0.48 0.00
MILLIKEN___1 23584	69.04 1.82 0.00	67.68 1.04 0.00	65.61 0.76 -0.03	59.40 0.87 -0.05	74.53 0.96 -1.48	67.46 0.98 -0.31	71.11 0.94 -0.16	69.19 0.96 0.00	81.46 1.31 -0.80	56.38 1.09 0.00	89.94 1.55 0.00	98.26 2.25 0.00	99.85 2.25 0.00	104.29 2.29 0.00	120.93 3.72 0.00	129.26 4.57 0.00	165.26 5.57 0.00	166.25 6.15 0.00	51.44 1.90 -2.58	67.21 2.75 -2.23	82.09 3.21 -4.89	89.35 3.42 -7.46	99.76 3.44 0.00	91.21 2.35 0.00
MILLIKEN___2 23585	69.04 1.82 0.00	67.68 1.04 0.00	65.61 0.76 -0.03	59.40 0.87 -0.05	74.53 0.96 -1.48	67.46 0.98 -0.31	71.11 0.94 -0.16	69.19 0.96 0.00	81.46 1.31 -0.80	56.38 1.09 0.00	89.94 1.55 0.00	98.26 2.25 0.00	99.85 2.25 0.00	104.29 2.29 0.00	120.93 3.72 0.00	129.26 4.57 0.00	165.26 5.57 0.00	166.25 6.15 0.00	51.44 1.90 -2.58	67.21 2.75 -2.23	82.09 3.21 -4.89	89.35 3.42 -7.46	99.76 3.44 0.00	91.21 2.35 0.00
MILLIKEN___DIESEL 23629	69.04 1.82 0.00	67.68 1.04 0.00	65.61 0.76 -0.03	59.40 0.87 -0.05	74.53 0.96 -1.48	67.46 0.98 -0.31	71.11 0.94 -0.16	69.19 0.96 0.00	81.46 1.31 -0.80	56.38 1.09 0.00	89.94 1.55 0.00	98.26 2.25 0.00	99.85 2.25 0.00	104.29 2.29 0.00	120.93 3.72 0.00	129.26 4.57 0.00	165.26 5.57 0.00	166.25 6.15 0.00	51.44 1.90 -2.58	67.21 2.75 -2.23	82.09 3.21 -4.89	89.35 3.42 -7.46	99.76 3.44 0.00	91.21 2.35 0.00
MILLSEAT___LFGE 323607	68.80 1.59 0.00	65.80 -0.84 0.00	63.01 -1.80 0.00	57.05 -1.43 0.00	70.79 -1.31 0.00	65.08 -1.10 0.00	67.90 -2.11 0.00	66.00 -2.23 0.00	77.94 -1.41 0.00	55.61 0.31 0.00	89.16 0.77 0.00	98.46 2.45 0.00	99.38 1.78 0.00	103.39 1.39 0.00	119.79 2.58 0.00	127.60 2.91 0.00	163.49 3.80 0.00	162.74 2.65 0.00	47.57 0.62 0.00	62.90 0.67 0.00	74.60 0.60 0.00	79.59 1.12 0.00	97.95 1.63 0.00	91.00 2.14 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	71.23 2.91 -1.11	71.92 2.30 -2.97	68.48 2.20 -1.47	61.31 2.23 -0.60	75.22 2.66 -0.47	68.55 2.38 0.00	72.57 2.56 0.00	70.80 2.57 0.00	83.20 3.86 0.00	58.65 3.36 0.00	93.85 5.45 0.00	102.09 6.07 0.00	103.99 6.40 0.00	108.15 6.15 0.00	125.93 8.72 0.00	135.45 10.76 0.00	172.82 13.14 0.00	173.03 12.93 0.00	60.56 3.64 -9.96	74.91 4.55 -8.13	96.89 5.13 -17.76	110.82 5.21 -27.14	102.04 5.73 0.00	93.35 4.49 0.00
MILLWOOD_13_KV_LOAD 356217	71.37 3.04 -1.11	72.04 2.43 -2.97	68.61 2.33 -1.47	61.41 2.33 -0.60	75.33 2.76 -0.47	68.67 2.50 0.00	72.70 2.69 0.00	70.94 2.71 0.00	83.36 4.02 0.00	58.76 3.47 0.00	94.07 5.68 0.00	102.36 6.34 0.00	104.26 6.66 0.00	108.45 6.45 0.00	126.28 9.07 0.00	135.87 11.18 0.00	173.32 13.63 0.00	173.52 13.42 0.00	60.70 3.79 -9.96	75.10 4.74 -8.13	97.12 5.35 -17.76	111.04 5.44 -27.14	102.31 5.99 0.00	93.57 4.71 0.00
MODEL_CITY_ENERGY 24167	66.57 -0.64 0.00	63.58 -3.07 0.00	60.84 -3.98 0.00	55.13 -3.34 0.00	68.58 -3.52 0.00	62.97 -3.21 0.00	65.39 -4.62 0.00	63.39 -4.84 0.00	75.06 -4.28 0.00	53.84 -1.46 0.00	86.70 -1.69 0.00	96.13 0.12 0.00	96.48 -1.12 0.00	100.49 -1.51 0.00	116.05 -1.16 0.00	123.82 -0.86 0.00	158.30 -1.38 0.00	157.81 -2.29 0.00	45.99 -0.96 0.00	60.56 -1.66 0.00	71.76 -2.24 0.00	76.73 -1.73 0.00	94.84 -1.47 0.00	87.82 -1.04 0.00
MODERN_LFGE___ 323580	66.57 -0.64 0.00	63.58 -3.07 0.00	60.84 -3.98 0.00	55.13 -3.34 0.00	68.58 -3.52 0.00	62.97 -3.21 0.00	65.39 -4.62 0.00	63.39 -4.84 0.00	75.06 -4.28 0.00	53.84 -1.46 0.00	86.70 -1.69 0.00	96.13 0.12 0.00	96.48 -1.12 0.00	100.49 -1.51 0.00	116.05 -1.16 0.00	123.82 -0.86 0.00	158.30 -1.38 0.00	157.81 -2.29 0.00	45.99 -0.96 0.00	60.56 -1.66 0.00	71.76 -2.24 0.00	76.73 -1.73 0.00	94.84 -1.47 0.00	87.82 -1.04 0.00
MOHAWK_PAPER___DRP 24187	89.28 2.22 -19.85	121.63 1.96 -53.02	92.96 1.99 -26.16	71.21 1.95 -10.78	82.65 2.23 -8.32	67.07 0.89 0.00	71.42 1.41 0.00	69.77 1.54 0.00	80.94 1.59 0.00	54.92 0.94 1.32	91.32 2.93 0.00	99.21 3.20 0.00	101.04 3.44 0.00	105.42 3.42 0.00	121.84 4.63 0.00	130.38 5.69 0.00	167.15 7.46 0.00	168.00 7.90 0.00	118.80 2.38 -69.47	121.46 2.99 -56.25	200.38 3.47 -122.91	269.86 3.59 -187.80	100.41 4.09 0.00	92.38 3.52 0.00
MOHICAN___35_KV_115KV_LD 80490	83.17 4.94 -11.02	100.51 4.41 -29.45	83.49 4.14 -14.53	68.33 3.87 -5.99	81.49 4.78 -4.62	70.14 3.97 0.00	73.72 3.71 0.00	71.77 3.54 0.00	83.21 3.86 0.00	58.93 2.70 -0.94	92.05 3.66 0.00	100.33 4.31 0.00	102.85 5.25 0.00	107.41 5.41 0.00	124.22 7.01 0.00	132.76 8.07 0.00	171.77 12.08 0.00	173.57 13.48 0.00	150.67 4.55 -99.17	151.60 5.60 -83.77	263.84 6.80 -183.04	365.20 7.05 -279.68	104.12 7.80 0.00	95.26 6.40 0.00
MONGAUP___HYD 23641	70.72 3.50 0.00	69.53 2.89 0.00	67.53 2.72 0.00	61.10 2.63 0.00	75.19 3.10 0.00	68.97 2.79 0.00	73.01 3.00 0.00	71.22 2.99 0.00	83.05 3.70 0.00	57.94 2.65 0.00	92.31 3.92 0.00	100.26 4.25 0.00	102.50 4.90 0.00	106.63 4.62 0.00	123.26 6.05 0.00	132.57 7.88 0.00	169.45 9.77 0.00	170.29 10.19 0.00	59.25 3.25 -9.04	74.06 4.40 -7.43	95.49 5.25 -16.24	109.27 5.99 -24.81	102.99 6.67 0.00	94.43 5.57 0.00
MONTAUK___DIESEL 23721	75.45 7.11 -1.13	77.27 7.62 -3.00	73.76 7.47 -1.48	65.74 6.65 -0.61	80.57 8.00 -0.47	74.34 8.17 0.00	78.69 8.68 0.00	75.92 7.69 0.00	89.18 8.73 -1.10	63.23 7.46 -0.48	163.02 13.12 -61.50	205.05 12.84 -96.19	169.02 13.74 -57.69	177.00 13.08 -61.92	179.40 15.94 -46.24	201.28 18.94 -57.66	267.13 23.02 -84.43	268.57 24.07 -84.41	263.42 7.02 -209.45	274.85 8.45 -204.17	341.03 8.61 -258.41	166.32 8.96 -78.89	111.73 10.23 -5.18	247.18 10.45 -147.87
MOONROAD_115KV_HARTFLD_TB1-2 355988	69.35 2.13 0.00	66.40 -0.25 0.00	63.22 -1.59 0.00	57.33 -1.15 0.00	70.66 -1.43 0.00	64.63 -1.54 0.00	68.14 -1.87 0.00	67.08 -1.15 0.00	80.36 1.02 0.00	57.56 2.27 0.00	92.89 4.50 0.00	101.20 5.19 0.00	101.58 3.98 0.00	105.94 3.94 0.00	123.11 5.90 0.00	132.11 7.42 0.00	167.06 7.37 0.00	165.88 5.78 0.00	46.63 -0.33 0.00	61.76 -0.46 0.00	74.17 0.16 0.00	79.39 0.92 0.00	97.56 1.25 0.00	89.09 0.22 0.00

MORRIS_RIDGE___SOLAR 323848	67.30 0.09 0.00	64.83 -1.81 0.00	62.07 -2.75 -0.01	56.23 -2.26 -0.01	69.89 -2.61 -0.40	64.06 -2.20 -0.08	67.23 -2.82 -0.04	65.13 -3.10 0.00	76.94 -2.63 -0.22	54.83 -0.47 0.00	87.99 -0.40 0.00	96.35 0.34 0.00	96.90 -0.70 0.00	100.83 -1.17 0.00	117.99 0.78 0.00	127.12 2.43 0.00	161.06 1.38 0.00	162.32 2.22 0.00	49.69 0.40 -2.34	64.30 0.05 -2.02	77.59 -0.83 -4.42	84.84 -0.38 -6.75	95.79 -0.53 0.00	87.75 -1.11 0.00
MORTIMER_115KV_TB3 55949	68.21 0.99 0.00	65.95 -0.70 0.00	63.48 -1.33 0.00	57.43 -1.04 0.00	71.00 -1.09 0.00	65.23 -0.95 0.00	68.48 -1.53 0.00	66.78 -1.45 0.00	78.60 -0.75 0.00	55.83 0.54 0.00	89.82 1.42 0.00	98.99 2.97 0.00	100.17 2.57 0.00	104.51 2.51 0.00	120.35 3.14 0.00	128.49 3.81 0.00	163.93 4.25 0.00	163.82 3.72 0.00	47.90 0.94 0.00	63.39 1.16 0.00	75.34 1.34 0.00	80.21 1.75 0.00	98.21 1.90 0.00	90.34 1.47 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	71.58 3.24 -1.13	72.20 2.55 -3.00	68.72 2.43 -1.48	61.52 2.43 -0.61	75.51 2.95 -0.47	68.82 2.65 0.00	72.91 2.90 0.00	71.14 2.91 0.00	83.66 4.31 0.00	59.07 3.78 0.00	94.44 6.05 0.00	102.76 6.74 0.00	104.65 7.05 0.00	108.86 6.86 0.00	126.81 9.60 0.00	136.43 11.75 0.00	174.03 14.34 0.00	174.16 14.07 0.00	60.92 3.96 -10.01	75.31 4.92 -8.16	97.42 5.58 -17.84	111.38 5.65 -27.26	102.54 6.22 0.00	93.74 4.88 0.00
MUNSVILLE_WIND_PWR 323609	73.07 5.85 0.00	71.61 4.97 0.00	69.31 4.48 -0.02	62.71 4.20 -0.03	78.17 5.12 -0.96	71.26 4.88 -0.20	75.22 5.10 -0.10	73.22 4.99 0.00	85.87 6.00 -0.52	59.78 4.48 0.00	95.63 7.24 0.00	104.61 8.59 0.00	106.28 8.68 0.00	111.03 9.03 0.00	128.84 11.63 0.00	137.63 12.95 0.00	175.41 15.72 0.00	177.39 17.29 0.00	58.62 5.47 -6.19	74.88 7.29 -5.36	93.81 8.09 -11.72	104.75 8.38 -17.90	104.81 8.49 0.00	95.49 6.63 0.00
N SALMON___HYD 24042	67.62 0.40 0.00	67.60 0.96 0.00	65.79 0.97 0.00	58.98 0.51 0.00	72.96 0.87 0.00	67.09 0.92 0.00	70.82 0.81 0.00	68.59 0.36 0.00	79.21 -0.13 0.00	55.20 -0.09 0.00	88.15 -0.24 0.00	95.29 -0.73 0.00	96.49 -1.11 0.00	100.85 -1.15 0.00	114.62 -2.59 0.00	121.14 -3.55 0.00	156.27 -3.41 0.00	156.87 -3.23 0.00	46.19 -0.76 0.00	61.63 -0.60 0.00	73.61 -0.40 0.00	78.11 -0.36 0.00	96.38 0.07 0.00	88.86 0.00 0.00
N.AKRON__115KV_KNAPP 355671	68.26 1.05 0.00	65.25 -1.40 0.00	62.46 -2.35 0.00	56.57 -1.91 0.00	70.23 -1.86 0.00	64.54 -1.64 0.00	67.24 -2.77 0.00	65.32 -2.91 0.00	77.19 -2.16 0.00	55.24 -0.05 0.00	88.76 0.37 0.00	98.20 2.19 0.00	98.86 1.26 0.00	102.90 0.90 0.00	119.14 1.93 0.00	127.00 2.32 0.00	162.68 3.00 0.00	162.12 2.02 0.00	47.28 0.33 0.00	62.44 0.22 0.00	74.02 0.02 0.00	79.03 0.57 0.00	97.38 1.06 0.00	90.20 1.34 0.00
N.E_GEN_SANDY PD 24062	80.63 2.52 -10.90	96.35 2.23 -27.48	80.61 2.24 -13.56	64.18 2.29 -3.42	79.14 2.73 -4.31	68.77 2.59 0.00	72.70 2.69 0.00	68.45 2.62 2.40	82.64 3.39 0.09	58.14 2.62 -0.23	92.05 3.66 0.00	99.96 3.95 0.00	104.86 4.49 -2.77	111.44 4.30 -5.14	123.05 5.76 -0.08	131.17 6.83 0.34	150.32 8.39 17.75	167.98 8.58 0.70	97.04 2.62 -47.46	113.13 3.33 -47.57	129.62 3.83 -51.79	158.10 3.97 -75.67	100.66 4.34 0.00	92.47 3.61 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	70.01 2.79 0.00	68.81 2.16 0.00	66.85 2.04 0.00	60.54 2.07 0.00	74.55 2.45 0.00	68.36 2.18 0.00	72.36 2.35 0.00	70.60 2.38 0.00	82.98 3.63 0.00	58.53 3.24 0.00	93.79 5.40 0.00	102.15 6.14 0.00	104.01 6.42 0.00	108.13 6.13 0.00	126.02 8.81 0.00	135.71 11.02 0.00	173.09 13.41 0.00	173.23 13.13 0.00	60.26 3.65 -9.66	74.68 4.55 -7.90	96.39 5.13 -17.26	110.08 5.25 -26.37	102.06 5.74 0.00	93.29 4.42 0.00
N.QUEENS_27_KV_LOAD 356247	71.77 3.43 -1.13	72.35 2.70 -3.01	68.86 2.56 -1.49	61.67 2.58 -0.62	75.49 2.91 -0.48	68.69 2.50 -0.01	72.76 2.74 -0.01	70.98 2.74 -0.01	83.47 4.11 -0.01	59.21 3.92 0.00	94.37 5.98 0.00	102.69 6.67 -0.01	104.57 6.97 -0.01	108.70 6.68 -0.02	126.67 9.46 0.00	136.33 11.64 0.00	173.96 14.27 0.00	174.09 13.99 -0.01	60.88 3.92 -10.01	75.17 4.77 -8.17	97.18 5.33 -17.85	111.07 5.34 -27.27	102.21 5.89 -0.01	93.52 4.65 -0.01
N.TROY___115KV_TB1 355778	88.27 2.76 -18.29	118.04 2.52 -48.87	91.44 2.52 -24.11	70.89 2.47 -9.94	82.69 2.92 -7.67	68.23 2.06 0.00	72.35 2.34 0.00	70.55 2.32 0.00	81.93 2.58 0.00	59.41 1.75 -2.37	91.50 3.11 0.00	99.46 3.44 0.00	101.47 3.87 0.00	105.78 3.78 0.00	122.23 5.02 0.00	130.54 5.86 0.00	167.40 7.71 0.00	168.35 8.26 0.00	134.23 2.62 -84.66	135.26 3.33 -69.70	230.26 3.96 -152.30	315.34 4.16 -232.71	100.96 4.65 0.00	92.87 4.01 0.00
NARROWS_GT1_1 24228	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	78.62 4.77 -11.62	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
NARROWS_GT1_2 24229	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	78.62 4.77 -11.62	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
NARROWS_GT1_3 24230	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	78.62 4.77 -11.62	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
NARROWS_GT1_4 24231	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	78.62 4.77 -11.62	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
NARROWS_GT1_5 24232	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	78.62 4.77 -11.62	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01

NARROWS_GT1_6 24233	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	78.62 4.77 -11.62	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
NARROWS_GT1_7 24234	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	78.62 4.77 -11.62	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
NARROWS_GT1_8 24235	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	78.62 4.77 -11.62	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
NARROWS_GT2_1 24236	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	115.00 4.77 -48.01	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
NARROWS_GT2_2 24237	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	115.00 4.77 -48.01	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
NARROWS_GT2_3 24238	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	115.00 4.77 -48.01	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
NARROWS_GT2_4 24239	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	115.00 4.77 -48.01	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
NARROWS_GT2_5 24240	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	115.00 4.77 -48.01	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
NARROWS_GT2_6 24241	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	115.00 4.77 -48.01	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
NARROWS_GT2_7 24242	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	115.00 4.77 -48.01	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
NARROWS_GT2_8 24243	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.38 2.70 5.33	57.93 2.73 13.03	80.13 3.94 3.16	59.05 3.76 0.00	94.16 5.77 0.00	102.57 6.56 0.00	104.47 6.88 0.00	108.48 6.48 0.01	126.51 9.30 0.00	136.12 11.43 0.00	173.76 14.07 0.00	173.86 13.77 0.01	60.80 3.84 -10.00	115.00 4.77 -48.01	97.31 5.46 -17.85	111.20 5.47 -27.27	102.39 6.07 -0.01	93.66 4.79 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	49.35 2.56 20.42	14.48 2.39 54.55	40.19 2.30 26.91	49.58 2.20 11.09	66.13 2.60 8.56	67.75 1.58 0.00	72.24 2.23 0.00	70.58 2.35 0.00	81.66 2.31 0.00	55.61 1.08 0.76	90.36 1.97 0.00	98.15 2.14 0.00	99.98 2.39 0.00	104.42 2.43 0.00	120.77 3.56 0.00	129.41 4.73 0.00	167.01 7.33 0.00	168.80 8.70 0.00	80.72 2.56 -31.21	97.57 3.52 -31.83	147.73 4.19 -69.54	188.97 4.25 -106.26	101.28 4.97 0.00	93.08 4.22 0.00
NCHELSEA_115KV_TR2 355582	71.02 3.81 0.00	69.89 3.25 0.00	67.93 3.12 0.00	61.50 3.02 0.00	75.70 3.61 0.00	69.43 3.25 0.00	73.48 3.47 0.00	71.81 3.58 0.00	84.34 4.99 0.00	59.35 4.05 0.00	94.98 6.59 0.00	103.21 7.19 0.00	105.10 7.50 0.00	109.43 7.43 0.00	127.19 9.98 0.00	136.15 11.46 0.00	173.74 14.06 0.00	174.11 14.01 0.00	61.28 3.98 -10.35	75.78 4.99 -8.57	98.37 5.64 -18.73	112.83 5.75 -28.61	103.08 6.76 0.00	94.39 5.53 0.00
NEG CAPITAL___MECHNVIL 23645	84.66 4.14 -13.31	105.95 3.74 -35.56	86.01 3.65 -17.55	69.10 3.40 -7.23	81.78 4.11 -5.58	69.55 3.37 0.00	73.55 3.54 0.00	71.70 3.47 0.00	83.34 4.00 0.00	59.44 2.75 -1.40	92.80 4.41 0.00	101.02 5.00 0.00	103.17 5.57 0.00	107.71 5.71 0.00	124.56 7.35 0.00	133.16 8.48 0.00	171.32 11.64 0.00	172.62 12.52 0.00	145.71 3.93 -94.83	146.82 5.05 -79.54	253.84 6.04 -173.80	350.26 6.24 -265.56	103.31 6.99 0.00	94.79 5.92 0.00
NEG CENTRAL_HIGH_ACRES 23767	67.22 0.01 0.00	65.19 -1.45 0.00	62.82 -1.99 0.00	56.81 -1.66 0.00	70.20 -1.89 0.00	64.47 -1.71 0.00	67.85 -2.16 0.00	66.26 -1.97 0.00	77.89 -1.45 0.00	55.16 -0.13 0.00	88.69 0.30 0.00	97.67 1.66 0.00	99.01 1.41 0.00	103.43 1.44 0.00	119.14 1.93 0.00	126.97 2.28 0.00	162.07 2.39 0.00	162.07 1.97 0.00	47.38 0.43 0.00	62.77 0.54 0.00	74.59 0.59 0.00	79.28 0.81 0.00	96.90 0.59 0.00	89.03 0.17 0.00

NEG CENTRAL___DRP 24199	68.21 1.00 0.00	66.57 -0.08 0.00	64.32 -0.53 -0.03	58.22 -0.31 -0.05	73.18 -0.40 -1.48	66.23 -0.26 -0.31	69.74 -0.43 -0.16	67.93 -0.30 0.00	80.29 0.14 -0.80	55.95 0.65 0.00	89.39 1.00 0.00	97.79 1.78 0.00	99.35 1.75 0.00	103.80 1.80 0.00	120.21 3.00 0.00	128.77 4.09 0.00	164.84 5.16 0.00	165.00 4.90 0.00	48.29 1.34 0.00	64.16 1.93 0.00	76.01 2.01 0.00	80.62 2.16 0.00	98.12 1.81 0.00	89.88 1.02 0.00
NEG CENTRAL___INDECK 23768	68.69 1.47 0.00	66.05 -0.59 0.00	63.37 -1.45 0.00	57.30 -1.17 0.00	70.80 -1.29 0.00	65.23 -0.95 0.00	68.72 -1.29 0.00	66.83 -1.40 0.00	77.91 -1.43 0.00	54.36 -0.93 0.00	85.51 -2.88 0.00	94.02 -1.99 0.00	95.12 -2.48 0.00	99.29 -2.71 0.00	115.20 -2.01 0.00	125.60 0.91 0.00	161.14 1.45 0.00	162.46 2.36 0.00	47.48 0.53 0.00	61.90 -0.33 0.00	73.48 -0.52 0.00	78.18 -0.29 0.00	94.89 -1.42 0.00	90.91 2.05 0.00
NEG CENTRAL___SENECA 23627	68.48 1.26 0.00	66.61 -0.03 0.00	64.21 -0.62 -0.02	58.13 -0.37 -0.03	72.52 -0.40 -0.82	66.12 -0.23 -0.17	69.70 -0.40 -0.09	67.95 -0.28 0.00	80.07 0.28 -0.45	56.19 0.90 0.00	89.82 1.43 0.00	98.18 2.17 0.00	99.82 2.22 0.00	104.08 2.08 0.00	120.69 3.48 0.00	129.82 5.14 0.00	165.93 6.24 0.00	166.08 5.98 0.00	48.64 1.69 0.00	64.59 2.36 0.00	76.38 2.38 0.00	81.04 2.58 0.00	98.46 2.14 0.00	90.22 1.36 0.00
NEG CENTRAL___STATE_STREET 24147	68.28 1.06 0.00	66.80 0.16 0.00	64.87 0.01 -0.04	58.76 0.22 -0.07	74.04 -0.01 -1.95	66.76 0.17 -0.41	70.25 0.04 -0.21	68.38 0.15 0.00	80.81 0.42 -1.05	55.95 0.65 0.00	89.11 0.72 0.00	97.73 1.71 0.00	99.14 1.54 0.00	103.69 1.69 0.00	120.11 2.90 0.00	128.07 3.39 0.00	164.13 4.45 0.00	164.53 4.43 0.00	48.14 1.18 0.00	64.01 1.78 0.00	76.03 2.03 0.00	80.62 2.15 0.00	98.19 1.87 0.00	89.90 1.04 0.00
NEG MILLWOOD___DRP 24198	71.06 3.85 0.00	69.89 3.24 0.00	67.89 3.08 0.00	61.45 2.98 0.00	75.65 3.55 0.00	69.40 3.23 0.00	73.49 3.48 0.00	71.81 3.58 0.00	84.37 5.03 0.00	59.44 4.14 0.00	95.20 6.81 0.00	103.64 7.62 0.00	105.68 8.08 0.00	110.04 8.04 0.00	127.94 10.73 0.00	137.34 12.65 0.00	175.42 15.74 0.00	175.71 15.61 0.00	61.73 4.44 -10.34	76.30 5.58 -8.49	98.86 6.30 -18.56	113.21 6.39 -28.35	103.51 7.19 0.00	94.66 5.79 0.00
NEG NORTH_FLCN_SEA 23793	66.62 -0.60 0.00	66.65 0.01 0.00	65.15 0.33 0.00	58.55 0.08 0.00	72.53 0.43 0.00	66.63 0.45 0.00	70.12 0.11 0.00	67.82 0.11 0.00	78.46 -0.89 0.00	54.81 -0.48 0.00	87.26 -1.13 0.00	94.64 -1.38 0.00	96.18 -1.41 0.00	100.28 -1.72 0.00	114.22 -2.98 0.00	120.73 -3.96 0.00	155.35 -4.34 0.00	156.12 -3.98 0.00	46.00 -0.95 0.00	61.12 -1.11 0.00	72.66 -1.34 0.00	76.94 -1.53 0.00	94.64 -1.68 0.00	87.42 -1.45 0.00
NEG NORTH_KES_CHATEGAY 23792	66.59 -0.63 0.00	66.70 0.06 0.00	65.01 0.20 0.00	58.29 -0.18 0.00	72.12 0.02 0.00	66.31 0.13 0.00	70.02 0.01 0.00	67.85 -0.38 0.00	78.50 -0.84 0.00	54.64 -0.66 0.00	87.24 -1.15 0.00	94.38 -1.64 0.00	95.71 -1.89 0.00	100.01 -1.99 0.00	113.74 -3.47 0.00	120.26 -4.43 0.00	154.88 -4.80 0.00	155.41 -4.69 0.00	45.71 -1.25 0.00	60.91 -1.32 0.00	72.59 -1.41 0.00	76.91 -1.56 0.00	94.75 -1.57 0.00	87.40 -1.46 0.00
NEG NORTH___ALICE_FALLS 23915	67.30 0.08 0.00	67.25 0.61 0.00	65.60 0.79 0.00	58.91 0.44 0.00	72.94 0.85 0.00	67.03 0.85 0.00	70.61 0.60 0.00	68.36 0.13 0.00	79.01 -0.34 0.00	55.19 -0.11 0.00	87.93 -0.46 0.00	95.36 -0.66 0.00	96.85 -0.75 0.00	101.00 -1.00 0.00	115.01 -2.20 0.00	121.57 -3.12 0.00	156.63 -3.05 0.00	157.47 -2.63 0.00	46.44 -0.52 0.00	61.82 -0.41 0.00	73.59 -0.41 0.00	77.92 -0.55 0.00	95.86 -0.46 0.00	88.38 -0.48 0.00
NEG NORTH___LWR_SARANAC 23913	67.30 0.08 0.00	67.25 0.61 0.00	65.60 0.79 0.00	58.91 0.44 0.00	72.94 0.85 0.00	67.03 0.85 0.00	70.61 0.60 0.00	68.36 0.13 0.00	79.01 -0.34 0.00	55.19 -0.11 0.00	87.93 -0.46 0.00	95.36 -0.66 0.00	96.85 -0.75 0.00	101.00 -1.00 0.00	115.01 -2.20 0.00	121.57 -3.12 0.00	156.63 -3.05 0.00	157.47 -2.63 0.00	46.44 -0.52 0.00	61.82 -0.41 0.00	73.59 -0.41 0.00	77.92 -0.55 0.00	95.86 -0.46 0.00	88.38 -0.48 0.00
NEG NORTH___PLATTSBURG 23628	67.30 0.08 0.00	67.25 0.60 0.00	65.60 0.79 0.00	58.91 0.44 0.00	72.94 0.85 0.00	67.03 0.85 0.00	70.61 0.60 0.00	68.36 0.13 0.00	79.01 -0.33 0.00	55.19 -0.11 0.00	87.94 -0.45 0.00	95.36 -0.65 0.00	96.85 -0.75 0.00	101.00 -1.00 0.00	115.01 -2.20 0.00	121.57 -3.11 0.00	156.63 -3.06 0.00	157.47 -2.63 0.00	46.44 -0.51 0.00	61.82 -0.41 0.00	73.60 -0.40 0.00	77.92 -0.55 0.00	95.86 -0.46 0.00	88.39 -0.48 0.00
NEG WEST_LEA_LOCKPORT 23791	66.68 -0.54 0.00	63.71 -2.94 0.00	60.96 -3.85 0.00	55.24 -3.24 0.00	68.62 -3.47 0.00	63.01 -3.17 0.00	65.53 -4.48 0.00	63.56 -4.67 0.00	75.17 -4.17 0.00	53.93 -1.36 0.00	86.86 -1.53 0.00	96.30 0.29 0.00	96.63 -0.97 0.00	100.67 -1.33 0.00	116.35 -0.86 0.00	124.10 -0.59 0.00	158.80 -0.89 0.00	158.33 -1.77 0.00	46.09 -0.86 0.00	60.75 -1.48 0.00	71.96 -2.04 0.00	76.91 -1.56 0.00	95.02 -1.29 0.00	87.94 -0.92 0.00
NEG WEST___LANCASTR 23811	67.17 -0.04 0.00	64.53 -2.12 0.00	61.82 -2.99 0.00	56.06 -2.42 0.00	69.37 -2.72 0.00	63.75 -2.42 0.00	66.69 -3.32 0.00	64.92 -3.31 0.00	76.94 -2.40 0.00	54.96 -0.33 0.00	88.46 0.07 0.00	97.62 1.61 0.00	98.17 0.57 0.00	102.34 0.34 0.00	118.84 1.63 0.00	126.82 2.14 0.00	162.06 2.37 0.00	161.72 1.62 0.00	46.94 -0.01 0.00	62.01 -0.21 0.00	73.42 -0.59 0.00	78.20 -0.27 0.00	96.18 -0.13 0.00	88.35 -0.51 0.00
NEG_PENN_ALLEGHNY 23528	68.11 0.89 0.00	66.85 0.21 0.00	64.72 -0.11 -0.02	58.69 0.18 -0.03	73.21 0.19 -0.92	66.58 0.21 -0.19	70.21 0.10 -0.10	68.40 0.17 0.00	80.68 0.84 -0.50	56.22 0.92 0.00	90.02 1.63 0.00	98.29 2.27 0.00	99.77 2.17 0.00	104.00 2.00 0.00	120.86 3.65 0.00	129.37 4.68 0.00	164.67 4.98 0.00	165.08 4.98 0.00	52.43 1.33 -4.15	67.66 1.83 -3.59	83.82 1.97 -7.85	92.63 2.16 -12.00	98.44 2.13 0.00	89.99 1.13 0.00
NEG___GEN_MONROE 24207	68.98 1.77 0.00	66.43 -0.21 0.00	63.86 -0.95 0.00	57.76 -0.71 0.00	71.45 -0.64 0.00	65.66 -0.52 0.00	68.90 -1.12 0.00	67.16 -1.07 0.00	79.01 -0.34 0.00	56.14 0.85 0.00	90.34 1.95 0.00	99.59 3.57 0.00	100.81 3.22 0.00	105.11 3.11 0.00	121.29 4.08 0.00	129.56 4.87 0.00	165.23 5.55 0.00	164.79 4.70 0.00	48.22 1.26 0.00	63.90 1.67 0.00	75.93 1.93 0.00	80.86 2.39 0.00	99.03 2.72 0.00	91.28 2.42 0.00
NEPA___ENERGY 23901	67.49 0.27 0.00	65.04 -1.61 0.00	62.18 -2.63 0.00	56.59 -1.89 0.00	69.83 -2.27 0.00	64.18 -2.00 0.00	67.29 -2.72 0.00	65.44 -2.79 0.00	77.77 -1.57 0.00	55.34 0.05 0.00	89.14 0.75 0.00	98.13 2.11 0.00	98.61 1.01 0.00	102.62 0.63 0.00	119.94 2.73 0.00	128.67 3.99 0.00	162.95 3.27 0.00	162.31 2.21 0.00	46.75 -0.20 0.00	62.07 -0.15 0.00	73.80 -0.20 0.00	78.73 0.26 0.00	96.39 0.07 0.00	87.95 -0.91 0.00

NEVERSINK___HYD 23608	69.58 2.36 0.00	68.43 1.79 0.00	66.46 1.65 0.00	60.13 1.65 0.00	74.03 1.94 0.00	67.92 1.75 0.00	71.85 1.85 0.00	70.38 2.16 0.00	84.30 4.96 0.00	59.41 4.12 0.00	95.05 6.66 0.00	103.46 7.44 0.00	105.55 7.95 0.00	109.86 7.86 0.00	127.77 10.56 0.00	136.29 11.61 0.00	171.18 11.50 0.00	171.86 11.76 0.00	60.49 3.38 -10.16	75.33 4.31 -8.79	98.10 4.88 -19.21	112.76 4.93 -29.36	101.67 5.36 0.00	92.94 4.08 0.00
NEWKRMKL_115KV_TB1 55635	64.12 1.20 4.29	56.18 1.01 11.47	60.24 1.08 5.66	57.31 1.17 2.33	71.55 1.26 1.80	66.40 0.22 0.00	70.92 0.91 0.00	69.27 1.04 0.00	80.34 0.99 0.00	54.70 0.52 1.12	90.21 1.82 0.00	97.98 1.96 0.00	99.67 2.07 0.00	103.96 1.97 0.00	120.10 2.88 0.00	128.44 3.75 0.00	164.63 4.95 0.00	165.38 5.28 0.00	106.87 1.60 -58.33	116.09 1.94 -51.92	189.65 2.21 -113.45	254.02 2.21 -173.34	98.81 2.50 0.00	91.02 2.16 0.00
NEWTON___FALLS_HYD 23847	68.58 1.37 0.00	68.06 1.42 0.00	66.13 1.30 -0.02	59.47 0.97 -0.03	74.16 1.34 -0.72	67.62 1.29 -0.15	71.07 0.98 -0.08	68.57 0.34 0.00	79.60 -0.12 -0.38	55.08 -0.22 0.00	88.08 -0.32 0.00	95.21 -0.81 0.00	96.16 -1.44 0.00	100.70 -1.30 0.00	114.74 -2.47 0.00	121.42 -3.26 0.00	156.31 -3.37 0.00	156.65 -3.45 0.00	46.13 -0.82 0.00	62.03 -0.20 0.00	74.99 0.99 0.00	79.86 1.40 0.00	97.80 1.48 0.00	90.04 1.17 0.00
NGRID_A1_DSASP 323792	65.79 -1.42 0.00	62.83 -3.82 0.00	60.13 -4.68 0.00	54.50 -3.97 0.00	67.70 -4.39 0.00	62.07 -4.11 0.00	64.55 -5.46 0.00	62.57 -5.66 0.00	74.10 -5.24 0.00	53.07 -2.23 0.00	85.58 -2.81 0.00	94.95 -1.07 0.00	95.27 -2.33 0.00	99.25 -2.75 0.00	114.45 -2.77 0.00	122.04 -2.64 0.00	155.98 -3.70 0.00	155.32 -4.78 0.00	45.26 -1.69 0.00	59.57 -2.65 0.00	70.61 -3.39 0.00	75.56 -2.91 0.00	93.53 -2.79 0.00	87.08 -1.78 0.00
NGRID_A2_DSASP 323793	65.79 -1.42 0.00	62.83 -3.82 0.00	60.13 -4.68 0.00	54.50 -3.97 0.00	67.70 -4.39 0.00	62.07 -4.11 0.00	64.55 -5.46 0.00	62.57 -5.66 0.00	74.10 -5.24 0.00	53.07 -2.23 0.00	85.58 -2.81 0.00	94.95 -1.07 0.00	95.27 -2.33 0.00	99.25 -2.75 0.00	114.45 -2.77 0.00	122.04 -2.64 0.00	155.98 -3.70 0.00	155.32 -4.78 0.00	45.26 -1.69 0.00	59.57 -2.65 0.00	70.61 -3.39 0.00	75.56 -2.91 0.00	93.53 -2.79 0.00	87.08 -1.78 0.00
NGRID_A4_DSASP 323807	65.79 -1.42 0.00	62.83 -3.82 0.00	60.13 -4.68 0.00	54.50 -3.97 0.00	67.70 -4.39 0.00	62.07 -4.11 0.00	64.55 -5.46 0.00	62.57 -5.66 0.00	74.10 -5.24 0.00	53.07 -2.23 0.00	85.58 -2.81 0.00	94.95 -1.07 0.00	95.27 -2.33 0.00	99.25 -2.75 0.00	114.45 -2.77 0.00	122.04 -2.64 0.00	155.98 -3.70 0.00	155.32 -4.78 0.00	45.26 -1.69 0.00	59.57 -2.65 0.00	70.61 -3.39 0.00	75.56 -2.91 0.00	93.53 -2.79 0.00	87.08 -1.78 0.00
NIAGARA_115E_LBMP 323715	66.34 -0.87 0.00	63.35 -3.29 0.00	60.63 -4.19 0.00	54.96 -3.51 0.00	68.37 -3.72 0.00	62.80 -3.38 0.00	65.16 -4.85 0.00	63.13 -5.10 0.00	74.75 -4.60 0.00	53.64 -1.65 0.00	86.40 -1.99 0.00	95.83 -0.18 0.00	96.11 -1.49 0.00	100.10 -1.90 0.00	115.57 -1.64 0.00	123.30 -1.39 0.00	157.62 -2.06 0.00	157.09 -3.01 0.00	45.77 -1.18 0.00	60.26 -1.97 0.00	71.40 -2.59 0.00	76.37 -2.10 0.00	94.47 -1.85 0.00	87.49 -1.37 0.00
NIAGARA_115W_LBMP 323714	65.62 -1.59 0.00	62.67 -3.98 0.00	59.98 -4.83 0.00	54.37 -4.10 0.00	67.55 -4.55 0.00	61.93 -4.25 0.00	64.41 -5.60 0.00	62.42 -5.82 0.00	73.91 -5.44 0.00	52.94 -2.35 0.00	85.34 -3.05 0.00	94.69 -1.33 0.00	95.02 -2.58 0.00	98.97 -3.03 0.00	114.13 -3.08 0.00	121.69 -2.99 0.00	155.55 -4.14 0.00	154.92 -5.18 0.00	45.14 -1.82 0.00	59.40 -2.83 0.00	70.43 -3.57 0.00	75.36 -3.11 0.00	93.30 -3.01 0.00	86.89 -1.97 0.00
NIAGARA_230_LBMP 323716	66.43 -0.78 0.00	63.52 -3.12 0.00	60.84 -3.98 0.00	55.16 -3.32 0.00	68.44 -3.65 0.00	62.80 -3.38 0.00	65.39 -4.62 0.00	63.41 -4.82 0.00	75.07 -4.28 0.00	53.69 -1.60 0.00	86.53 -1.86 0.00	95.91 -0.10 0.00	96.32 -1.28 0.00	100.38 -1.62 0.00	115.90 -1.31 0.00	123.60 -1.09 0.00	157.89 -1.79 0.00	157.24 -2.85 0.00	45.81 -1.15 0.00	60.38 -1.85 0.00	71.62 -2.38 0.00	76.57 -1.90 0.00	94.56 -1.76 0.00	87.58 -1.29 0.00
NIAGARA___115KV_198_GIBSON 55903	65.62 -1.59 0.00	62.67 -3.97 0.00	59.98 -4.83 0.00	54.38 -4.09 0.00	67.55 -4.55 0.00	61.94 -4.24 0.00	64.40 -5.61 0.00	62.41 -5.82 0.00	73.78 -5.56 0.00	52.94 -2.35 0.00	85.34 -3.05 0.00	94.69 -1.32 0.00	95.03 -2.57 0.00	98.97 -3.03 0.00	114.13 -3.09 0.00	121.64 -3.05 0.00	155.63 -4.06 0.00	154.94 -5.16 0.00	45.11 -1.84 0.00	59.37 -2.86 0.00	70.40 -3.60 0.00	75.34 -3.12 0.00	93.31 -3.00 0.00	86.87 -1.99 0.00
NIAGARA____ 23760	66.43 -0.78 0.00	63.52 -3.12 0.00	60.84 -3.98 0.00	55.16 -3.32 0.00	68.44 -3.65 0.00	62.80 -3.38 0.00	65.39 -4.62 0.00	63.41 -4.82 0.00	75.07 -4.28 0.00	53.69 -1.60 0.00	86.53 -1.86 0.00	95.91 -0.10 0.00	96.32 -1.28 0.00	100.38 -1.62 0.00	115.90 -1.31 0.00	123.60 -1.09 0.00	157.89 -1.79 0.00	157.24 -2.85 0.00	45.81 -1.15 0.00	60.38 -1.85 0.00	71.62 -2.38 0.00	76.57 -1.90 0.00	94.56 -1.76 0.00	87.58 -1.29 0.00
NINE_MILE_1 23575	65.54 -1.67 0.00	64.56 -2.08 0.00	62.31 -2.20 0.30	56.11 -1.89 0.47	56.54 -2.37 13.19	61.23 -2.19 2.76	66.20 -2.41 1.40	65.98 -2.25 0.00	69.91 -2.40 7.04	53.86 -1.43 0.00	86.06 -2.33 0.00	93.85 -2.17 0.00	95.42 -2.18 0.00	99.71 -2.30 0.00	114.87 -2.34 0.00	122.36 -2.32 0.00	156.51 -3.18 0.00	156.81 -3.29 0.00	45.98 -0.97 0.00	60.95 -1.28 0.00	72.46 -1.54 0.00	76.94 -1.53 0.00	94.17 -2.15 0.00	86.51 -2.35 0.00
NINE_MILE_2 23744	65.54 -1.67 0.00	64.56 -2.08 0.00	62.31 -2.20 0.31	56.11 -1.88 0.48	56.34 -2.37 13.39	61.19 -2.19 2.80	66.18 -2.41 1.42	65.99 -2.24 0.00	69.80 -2.40 7.15	53.86 -1.43 0.00	86.06 -2.33 0.00	93.85 -2.17 0.00	95.42 -2.18 0.00	99.71 -2.30 0.00	114.87 -2.34 0.00	122.36 -2.32 0.00	156.51 -3.18 0.00	156.81 -3.29 0.00	45.98 -0.97 0.00	60.95 -1.28 0.00	72.46 -1.54 0.00	76.94 -1.53 0.00	94.17 -2.15 0.00	86.51 -2.35 0.00
NM_CAPITAL___DRP 24208	81.81 1.38 -13.21	103.16 1.22 -35.30	83.51 1.28 -17.41	67.01 1.36 -7.18	79.11 1.47 -5.54	66.35 0.17 0.00	70.79 0.78 0.00	69.15 0.92 0.00	80.19 0.85 0.00	54.29 0.39 1.40	90.40 2.01 0.00	98.17 2.16 0.00	99.88 2.28 0.00	104.12 2.12 0.00	120.30 3.09 0.00	128.63 3.95 0.00	164.83 5.15 0.00	165.54 5.44 0.00	110.30 1.66 -61.68	115.25 2.03 -50.99	187.72 2.29 -111.42	251.07 2.35 -170.25	98.97 2.66 0.00	91.18 2.32 0.00
NM_CENTRAL___DRP 24181	66.99 -0.22 0.00	65.87 -0.77 0.00	63.86 -0.98 -0.03	57.76 -0.76 -0.05	72.40 -0.98 -1.28	65.51 -0.93 -0.27	69.05 -1.10 -0.14	67.30 -0.93 0.00	79.33 -0.71 -0.69	55.13 -0.16 0.00	88.34 -0.05 0.00	96.46 0.45 0.00	98.11 0.52 0.00	102.57 0.57 0.00	118.43 1.22 0.00	126.37 1.69 0.00	161.70 2.02 0.00	161.73 1.63 0.00	47.36 0.41 0.00	62.79 0.56 0.00	74.61 0.61 0.00	79.18 0.71 0.00	96.73 0.41 0.00	88.65 -0.21 0.00

NM_FRONTIER___DRP 24179	65.62 -1.59 0.00	62.67 -3.97 0.00	59.98 -4.83 0.00	54.38 -4.09 0.00	67.55 -4.55 0.00	61.94 -4.24 0.00	64.40 -5.61 0.00	62.41 -5.82 0.00	73.78 -5.56 0.00	52.94 -2.35 0.00	85.34 -3.05 0.00	94.69 -1.32 0.00	95.03 -2.57 0.00	98.97 -3.03 0.00	114.13 -3.09 0.00	121.64 -3.05 0.00	155.63 -4.06 0.00	154.94 -5.16 0.00	45.11 -1.84 0.00	59.37 -2.86 0.00	70.40 -3.60 0.00	75.34 -3.12 0.00	93.31 -3.00 0.00	86.87 -1.99 0.00
NM_ST_REGIS___HYD 24053	67.45 0.23 0.00	67.51 0.87 0.00	65.68 0.87 0.00	58.91 0.43 0.00	72.88 0.78 0.00	67.03 0.85 0.00	70.56 0.55 0.00	68.00 -0.23 0.00	78.11 -1.23 0.00	54.26 -1.03 0.00	86.79 -1.61 0.00	93.60 -2.42 0.00	94.38 -3.22 0.00	98.78 -3.22 0.00	112.04 -5.17 0.00	117.95 -6.73 0.00	152.14 -7.55 0.00	152.70 -7.39 0.00	44.84 -2.12 0.00	60.13 -2.10 0.00	72.16 -1.84 0.00	76.96 -1.51 0.00	95.26 -1.05 0.00	88.54 -0.32 0.00
NORTHPORT___1 23551	71.59 3.25 -1.12	73.45 3.80 -3.00	70.03 3.74 -1.48	62.61 3.52 -0.61	76.64 4.08 -0.47	70.09 3.92 0.00	73.59 3.58 0.00	71.49 3.26 0.00	85.56 5.11 -1.10	59.58 3.81 -0.48	96.04 6.29 -1.36	94.14 5.30 7.17	94.86 5.79 8.53	96.24 5.60 11.35	113.02 8.17 12.35	118.86 10.41 16.23	160.91 12.30 11.08	160.28 12.10 11.92	75.87 3.77 -25.15	71.18 4.77 -4.18	81.18 5.14 -2.04	93.48 4.90 -10.12	102.18 5.72 -0.14	100.52 5.66 -6.00
NORTHPORT___2 23552	71.59 3.25 -1.12	73.45 3.80 -3.00	70.03 3.74 -1.48	62.61 3.52 -0.61	76.64 4.08 -0.47	70.09 3.92 0.00	73.59 3.58 0.00	71.49 3.26 0.00	85.56 5.11 -1.10	59.58 3.81 -0.48	96.04 6.29 -1.36	94.14 5.30 7.17	94.86 5.79 8.53	96.24 5.60 11.35	113.02 8.17 12.35	118.86 10.41 16.23	160.91 12.30 11.08	160.28 12.10 11.92	75.67 3.77 -24.95	70.23 4.77 -3.23	80.93 5.14 -1.79	92.55 4.90 -9.19	102.18 5.72 -0.14	100.52 5.66 -6.00
NORTHPORT___3 23553	71.43 3.09 -1.12	73.18 3.53 -3.00	69.75 3.46 -1.48	62.36 3.28 -0.61	76.35 3.78 -0.47	69.84 3.66 0.00	73.25 3.24 0.00	71.28 3.05 0.00	85.28 4.83 -1.10	59.46 3.68 -0.48	90.52 6.57 4.44	91.16 5.10 9.95	93.17 5.40 9.83	95.96 5.32 11.36	112.83 7.98 12.36	116.09 10.55 19.15	161.04 12.09 10.73	160.63 11.93 11.39	76.20 3.93 -25.32	69.47 4.82 -2.42	65.98 5.23 13.25	92.73 4.84 -9.42	101.32 5.46 0.46	86.02 5.48 8.32
NORTHPORT___4 23650	71.43 3.09 -1.12	73.18 3.53 -3.00	69.75 3.46 -1.48	62.36 3.28 -0.61	76.35 3.78 -0.47	69.84 3.66 0.00	73.25 3.24 0.00	71.28 3.05 0.00	85.28 4.83 -1.10	59.46 3.68 -0.48	90.52 6.57 4.44	91.16 5.10 9.95	93.17 5.40 9.83	95.96 5.32 11.36	112.83 7.98 12.36	116.09 10.55 19.15	161.04 12.09 10.73	160.63 11.93 11.39	76.20 3.93 -25.32	69.47 4.82 -2.42	65.98 5.23 13.25	92.73 4.84 -9.42	101.32 5.46 0.46	86.02 5.48 8.32
NORTHPORT___IC 23718	71.59 3.25 -1.13	73.46 3.81 -3.00	70.02 3.73 -1.48	62.61 3.52 -0.61	76.65 4.08 -0.47	70.08 3.91 0.00	73.60 3.59 0.00	71.50 3.27 0.00	85.60 5.15 -1.10	59.59 3.81 -0.48	96.03 6.28 -1.36	94.13 5.29 7.17	94.86 5.79 8.53	96.24 5.60 11.35	113.01 8.15 12.36	118.89 10.44 16.23	160.91 12.30 11.08	160.26 12.09 11.92	75.67 3.77 -24.95	70.22 4.76 -3.23	80.92 5.13 -1.79	92.56 4.90 -9.19	102.19 5.74 -0.14	100.54 5.68 -6.00
NORTH___COUNTRY_ESR 323785	66.41 -0.80 0.00	66.54 -0.10 0.00	64.86 0.05 0.00	58.15 -0.32 0.00	71.95 -0.15 0.00	66.14 -0.04 0.00	69.87 -0.13 0.00	67.77 -0.46 0.00	78.48 -0.87 0.00	54.62 -0.67 0.00	87.24 -1.15 0.00	94.36 -1.65 0.00	95.70 -1.90 0.00	99.98 -2.02 0.00	113.71 -3.50 0.00	120.22 -4.46 0.00	154.87 -4.82 0.00	155.37 -4.73 0.00	45.70 -1.26 0.00	60.73 -1.50 0.00	72.34 -1.66 0.00	76.61 -1.85 0.00	94.39 -1.92 0.00	87.18 -1.69 0.00
NPX_GEN_1385_PROXY 323591	67.12 3.19 3.29	74.17 4.53 -3.00	70.53 4.23 -1.48	63.19 4.11 -0.61	77.51 4.94 -0.47	70.76 4.59 0.00	74.54 4.53 0.00	72.50 4.27 0.00	86.38 5.93 -1.10	59.13 3.36 -0.48	95.06 5.31 -1.36	94.31 5.46 7.17	95.24 6.18 8.53	97.30 6.65 11.35	118.48 8.85 7.58	118.69 10.24 16.23	162.01 13.40 11.08	161.21 13.03 11.92	76.20 4.15 -25.10	71.69 5.51 -3.96	87.79 6.51 -7.28	94.72 6.36 -9.89	103.61 7.16 -0.14	101.55 6.70 -6.00
NPX_GEN_CSC 323557	68.10 4.18 3.29	74.61 4.96 -3.00	71.43 5.13 -1.48	63.78 4.70 -0.61	78.05 5.49 -0.47	71.56 5.39 0.00	75.33 5.32 0.00	72.35 4.12 0.00	86.24 5.79 -1.10	60.63 4.86 -0.48	158.22 8.47 -61.36	199.40 7.59 -95.80	162.70 7.97 -57.13	171.21 7.90 -61.31	176.80 10.41 -49.18	155.44 12.40 -18.35	209.64 14.75 -35.21	213.16 15.48 -37.58	230.95 4.81 -179.19	261.03 6.07 -192.73	329.62 6.63 -248.99	127.63 6.42 -42.74	108.80 7.31 -5.17	244.51 8.11 -147.54
NSINS_S_GLNS_FALLS 23858	82.80 4.82 -10.76	99.69 4.28 -28.76	83.03 4.02 -14.19	68.08 3.75 -5.85	81.24 4.62 -4.51	70.02 3.84 0.00	73.62 3.61 0.00	71.71 3.48 0.00	83.15 3.81 0.00	58.85 2.66 -0.89	91.98 3.59 0.00	100.28 4.27 0.00	102.80 5.20 0.00	107.34 5.34 0.00	124.14 6.93 0.00	132.66 7.98 0.00	171.56 11.87 0.00	173.27 13.17 0.00	151.07 4.46 -99.66	151.97 5.50 -84.25	264.82 6.74 -184.08	366.72 6.98 -281.27	104.03 7.72 0.00	95.14 6.28 0.00
NUCOR_STEEL___DRP 24197	68.20 0.99 0.00	66.72 0.07 0.00	64.85 -0.01 -0.05	58.76 0.21 -0.07	74.10 -0.08 -2.08	66.74 0.12 -0.44	70.22 -0.01 -0.22	68.32 0.09 0.00	80.81 0.35 -1.12	55.89 0.59 0.00	88.96 0.57 0.00	97.62 1.61 0.00	98.93 1.33 0.00	103.40 1.40 0.00	119.63 2.42 0.00	127.53 2.85 0.00	163.24 3.56 0.00	163.68 3.58 0.00	47.94 0.99 0.00	63.67 1.45 0.00	75.66 1.66 0.00	80.26 1.80 0.00	97.88 1.57 0.00	89.71 0.85 0.00
NUMBER_THREE_WT_PWR 323818	69.94 2.73 0.00	68.93 2.29 0.00	66.90 2.06 -0.02	60.31 1.81 -0.03	75.26 2.30 -0.87	68.44 2.09 -0.18	71.99 1.89 -0.09	69.69 1.46 0.00	81.38 1.58 -0.45	56.38 1.09 0.00	90.14 1.75 0.00	97.68 1.67 0.00	98.98 1.38 0.00	103.80 1.80 0.00	118.86 1.65 0.00	126.53 1.85 0.00	162.82 3.13 0.00	163.03 2.93 0.00	48.11 1.16 0.00	64.58 2.35 0.00	78.07 4.07 0.00	82.84 4.37 0.00	100.46 4.15 0.00	91.57 2.71 0.00
NYISO_LBMP_REFERENCE 24008	67.22 0.00 0.00	66.64 0.00 0.00	64.81 0.00 0.00	58.47 0.00 0.00	72.09 0.00 0.00	66.18 0.00 0.00	70.01 0.00 0.00	68.23 0.00 0.00	79.35 0.00 0.00	55.29 0.00 0.00	88.39 0.00 0.00	96.01 0.00 0.00	97.60 0.00 0.00	102.00 0.00 0.00	117.21 0.00 0.00	124.69 0.00 0.00	159.68 0.00 0.00	160.10 0.00 0.00	46.95 0.00 0.00	62.23 0.00 0.00	74.00 0.00 0.00	78.47 0.00 0.00	96.31 0.00 0.00	88.86 0.00 0.00
NYPA_BRENTWD____GT 24164	72.85 4.51 -1.12	74.48 4.83 -3.00	70.99 4.69 -1.48	63.44 4.36 -0.61	77.66 5.09 -0.47	71.08 4.90 0.00	74.73 4.72 0.00	72.67 4.44 0.00	86.96 6.51 -1.10	60.81 5.03 -0.48	118.80 8.50 -21.91	138.07 7.60 -34.46	116.40 8.08 -10.72	121.01 8.06 -10.94	133.71 11.12 -5.39	142.29 13.61 -3.99	206.96 16.41 -30.88	218.45 16.00 -42.36	160.93 4.94 -109.04	194.51 6.42 -125.86	197.34 7.06 -116.27	123.42 6.87 -38.08	105.35 7.95 -1.08	146.59 7.76 -49.96

NYPA_GOWANUS____GT5 24156	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.37 2.69 5.33	57.92 2.72 13.03	80.13 3.94 3.16	59.03 3.74 0.00	94.15 5.76 0.00	102.53 6.52 0.00	104.45 6.86 0.00	108.45 6.46 0.01	126.47 9.26 0.00	136.05 11.36 0.00	173.72 14.03 0.00	173.76 13.67 0.01	60.77 3.81 -10.00	78.59 4.74 -11.62	97.29 5.43 -17.85	111.18 5.44 -27.27	102.37 6.05 -0.01	93.63 4.76 -0.01
NYPA_GOWANUS____GT6 24157	71.53 3.20 -1.12	71.96 2.49 -2.83	68.65 2.36 -1.48	61.38 2.42 -0.48	71.03 2.83 3.90	61.18 2.50 7.50	67.37 2.69 5.33	57.92 2.72 13.03	80.13 3.94 3.16	59.03 3.74 0.00	94.15 5.76 0.00	102.53 6.52 0.00	104.45 6.86 0.00	108.45 6.46 0.01	126.47 9.26 0.00	136.05 11.36 0.00	173.72 14.03 0.00	173.76 13.67 0.01	60.77 3.81 -10.00	78.59 4.74 -11.62	97.29 5.43 -17.85	111.18 5.44 -27.27	102.37 6.05 -0.01	93.63 4.76 -0.01
NYPA_HARLEM__RVR__GT1 24160	71.51 3.16 -1.13	72.11 2.46 -3.01	68.62 2.32 -1.49	61.46 2.37 -0.62	75.25 2.67 -0.48	68.47 2.28 -0.01	72.48 2.46 -0.01	70.73 2.49 -0.01	83.05 3.70 -0.01	58.98 3.69 0.00	94.02 5.63 -0.01	102.29 6.27 -0.01	104.16 6.56 -0.01	108.25 6.24 -0.01	126.20 8.98 -0.01	135.81 11.12 -0.01	173.30 13.61 -0.01	173.44 13.34 -0.01	60.69 3.73 -10.02	75.80 4.53 -9.04	96.94 5.09 -17.85	110.82 5.08 -27.27	101.92 5.60 -0.01	93.19 4.32 -0.01
NYPA_HARLEM__RVR__GT2 24161	71.51 3.16 -1.13	72.11 2.46 -3.01	68.62 2.32 -1.49	61.46 2.37 -0.62	75.25 2.67 -0.48	68.47 2.28 -0.01	72.48 2.46 -0.01	70.73 2.49 -0.01	83.05 3.70 -0.01	58.98 3.69 0.00	94.02 5.63 -0.01	102.29 6.27 -0.01	104.16 6.56 -0.01	108.25 6.24 -0.01	126.20 8.98 -0.01	135.81 11.12 -0.01	173.30 13.61 -0.01	173.44 13.34 -0.01	60.69 3.73 -10.02	75.80 4.53 -9.04	96.94 5.09 -17.85	110.82 5.08 -27.27	101.92 5.60 -0.01	93.19 4.32 -0.01
NYPA_KENT____GT 24152	66.35 3.07 3.94	66.87 2.37 2.15	63.76 2.24 3.29	59.62 2.30 1.15	64.98 2.65 9.77	58.81 2.35 9.72	62.78 2.55 9.77	57.41 2.57 13.39	76.36 3.78 6.77	58.93 3.64 0.00	93.99 5.60 0.00	102.33 6.32 0.00	104.02 6.66 0.24	108.30 6.31 0.01	126.24 9.03 0.00	135.86 11.18 0.00	173.40 13.72 0.00	173.46 13.37 0.01	60.06 3.74 -9.36	97.83 4.60 -31.00	91.21 5.26 -11.95	100.35 5.27 -16.61	95.15 5.79 6.95	85.12 4.50 8.24
NYPA_POUCHI____GT 24155	71.33 2.99 -1.12	71.77 2.30 -2.83	68.50 2.21 -1.48	61.19 2.24 -0.48	70.69 2.49 3.90	60.97 2.29 7.50	67.19 2.51 5.33	57.75 2.55 13.03	79.92 3.73 3.16	58.88 3.59 0.00	93.96 5.57 0.00	102.33 6.32 0.00	104.26 6.66 0.00	108.18 6.19 0.01	126.17 8.96 0.00	135.80 11.11 0.00	173.47 13.79 0.00	173.56 13.47 0.01	60.70 3.75 -10.00	75.10 4.68 -8.19	97.37 5.52 -17.85	111.26 5.52 -27.27	102.47 6.15 -0.01	93.73 4.86 -0.01
NYPA_VERNON____GT2 24162	61.16 2.95 9.00	61.77 2.25 7.12	58.87 2.12 8.06	57.86 2.18 2.79	58.96 2.51 15.64	56.45 2.21 11.94	58.21 2.41 14.21	56.95 2.47 13.75	72.66 3.68 10.37	58.89 3.60 0.00	93.92 5.53 0.00	102.21 6.20 0.00	103.61 6.48 0.48	108.22 6.22 0.01	126.12 8.91 0.00	135.72 11.04 0.00	173.19 13.51 0.00	173.30 13.21 0.01	59.36 3.69 -8.73	67.57 4.51 -0.84	85.17 5.13 -6.05	89.55 5.14 -5.95	88.01 5.59 13.90	76.67 4.30 16.49
NYPA_VERNON____GT3 24163	61.16 2.95 9.00	61.77 2.25 7.12	58.87 2.12 8.06	57.86 2.18 2.79	58.96 2.51 15.64	56.45 2.21 11.94	58.21 2.41 14.21	56.95 2.47 13.75	72.66 3.68 10.37	58.89 3.60 0.00	93.92 5.53 0.00	102.21 6.20 0.00	103.61 6.48 0.48	108.22 6.22 0.01	126.12 8.91 0.00	135.72 11.04 0.00	173.19 13.51 0.00	173.30 13.21 0.01	59.36 3.69 -8.73	67.57 4.51 -0.84	85.17 5.13 -6.05	89.55 5.14 -5.95	88.01 5.59 13.90	76.67 4.30 16.49
NYPA__ASTORIA_CC1 323568	56.73 2.82 13.30	57.38 2.12 11.39	54.70 2.00 12.12	56.34 2.08 4.21	56.16 2.35 18.28	55.32 2.03 12.88	56.13 2.22 16.10	56.59 2.27 13.91	70.87 3.43 11.91	58.74 3.45 0.00	93.64 5.25 0.00	101.91 5.90 0.00	103.21 6.19 0.58	107.85 5.86 0.01	125.75 8.54 0.00	135.35 10.66 0.00	172.70 13.02 0.00	172.77 12.68 0.01	58.96 3.55 -8.45	60.34 4.32 6.20	82.44 4.91 -3.54	84.80 4.92 -1.42	84.79 5.33 16.86	72.92 4.06 20.00
NYPA__ASTORIA_CC2 323569	56.73 2.82 13.30	57.38 2.12 11.39	54.70 2.00 12.12	56.34 2.08 4.21	56.16 2.35 18.28	55.32 2.03 12.88	56.13 2.22 16.10	56.59 2.27 13.91	70.87 3.43 11.91	58.74 3.45 0.00	93.64 5.25 0.00	101.91 5.90 0.00	103.21 6.19 0.58	107.85 5.86 0.01	125.75 8.54 0.00	135.35 10.66 0.00	172.70 13.02 0.00	172.77 12.68 0.01	58.96 3.55 -8.45	60.34 4.32 6.20	82.44 4.91 -3.54	84.80 4.92 -1.42	84.79 5.33 16.86	72.92 4.06 20.00
NYPA__HOLTSVILL 23794	72.19 3.86 -1.12	73.98 4.33 -3.00	70.58 4.29 -1.48	63.05 3.97 -0.61	77.16 4.59 -0.47	70.68 4.50 0.00	74.35 4.34 0.00	72.08 3.85 0.00	86.10 5.66 -1.10	60.34 4.57 -0.48	156.51 7.81 -60.31	196.24 6.92 -93.31	159.17 7.44 -54.13	167.37 7.31 -58.06	169.13 10.14 -41.77	186.92 12.44 -49.79	248.92 14.54 -74.69	249.63 14.54 -74.99	250.52 4.55 -199.01	262.34 5.80 -194.31	326.38 6.40 -245.98	157.57 6.17 -72.93	108.52 7.12 -5.08	240.89 7.01 -145.02
NYPA____HELLGATE_GT1 24158	71.51 3.16 -1.13	72.11 2.46 -3.01	68.62 2.32 -1.49	61.46 2.37 -0.62	75.25 2.67 -0.48	68.47 2.28 -0.01	72.48 2.46 -0.01	70.73 2.49 -0.01	83.05 3.70 -0.01	58.98 3.69 0.00	94.02 5.63 -0.01	102.29 6.27 -0.01	104.16 6.56 -0.01	108.25 6.24 -0.01	126.20 8.98 -0.01	135.81 11.12 -0.01	173.30 13.61 -0.01	173.44 13.34 -0.01	60.69 3.73 -10.02	75.80 4.53 -9.04	96.94 5.09 -17.85	110.82 5.08 -27.27	101.92 5.60 -0.01	93.19 4.32 -0.01
NYPA____HELLGATE_GT2 24159	71.51 3.16 -1.13	72.11 2.46 -3.01	68.62 2.32 -1.49	61.46 2.37 -0.62	75.25 2.67 -0.48	68.47 2.28 -0.01	72.48 2.46 -0.01	70.73 2.49 -0.01	83.05 3.70 -0.01	58.98 3.69 0.00	94.02 5.63 -0.01	102.29 6.27 -0.01	104.16 6.56 -0.01	108.25 6.24 -0.01	126.20 8.98 -0.01	135.81 11.12 -0.01	173.30 13.61 -0.01	173.44 13.34 -0.01	60.69 3.73 -10.02	75.80 4.53 -9.04	96.94 5.09 -17.85	110.82 5.08 -27.27	101.92 5.60 -0.01	93.19 4.32 -0.01
NYS_BARGE__HYD 23848	67.00 -0.21 0.00	64.00 -2.64 0.00	61.23 -3.59 0.00	55.48 -3.00 0.00	68.94 -3.15 0.00	63.31 -2.87 0.00	65.83 -4.18 0.00	63.84 -4.39 0.00	75.63 -3.72 0.00	54.19 -1.10 0.00	87.26 -1.13 0.00	96.77 0.75 0.00	97.16 -0.44 0.00	101.19 -0.81 0.00	116.94 -0.27 0.00	124.80 0.11 0.00	159.63 -0.06 0.00	159.18 -0.92 0.00	46.39 -0.56 0.00	61.12 -1.11 0.00	72.41 -1.59 0.00	77.37 -1.10 0.00	95.52 -0.79 0.00	88.44 -0.42 0.00
OAK ORCHARD__HYD 24046	68.21 1.00 0.00	65.95 -0.69 0.00	63.48 -1.33 0.00	57.43 -1.05 0.00	71.00 -1.09 0.00	65.24 -0.94 0.00	68.49 -1.52 0.00	66.79 -1.44 0.00	78.66 -0.69 0.00	55.84 0.54 0.00	89.81 1.42 0.00	98.98 2.96 0.00	100.17 2.57 0.00	104.51 2.51 0.00	120.35 3.14 0.00	128.54 3.86 0.00	163.88 4.20 0.00	163.80 3.70 0.00	47.92 0.96 0.00	63.40 1.18 0.00	75.36 1.36 0.00	80.24 1.77 0.00	98.19 1.88 0.00	90.36 1.50 0.00

OAKDALE___35_KV_LOAD 356122	67.77 0.55 0.00	66.53 -0.12 0.00	64.46 -0.38 -0.02	58.45 -0.05 -0.03	72.88 -0.12 -0.90	66.30 -0.07 -0.19	69.89 -0.22 -0.10	68.07 -0.16 0.00	80.26 0.43 -0.48	55.90 0.61 0.00	89.50 1.11 0.00	97.69 1.67 0.00	99.09 1.50 0.00	103.28 1.28 0.00	119.93 2.72 0.00	128.34 3.66 0.00	163.38 3.69 0.00	163.72 3.63 0.00	52.21 0.95 -4.31	67.25 1.30 -3.73	83.53 1.38 -8.14	92.46 1.55 -12.44	97.77 1.46 0.00	89.44 0.58 0.00
OCC_CHEM___DRP 24175	65.79 -1.42 0.00	62.83 -3.82 0.00	60.14 -4.67 0.00	54.50 -3.97 0.00	67.71 -4.39 0.00	62.07 -4.11 0.00	64.54 -5.47 0.00	62.56 -5.67 0.00	74.00 -5.34 0.00	53.07 -2.23 0.00	85.59 -2.80 0.00	94.97 -1.04 0.00	95.27 -2.33 0.00	99.25 -2.75 0.00	114.45 -2.77 0.00	121.97 -2.71 0.00	156.07 -3.62 0.00	155.36 -4.74 0.00	45.23 -1.73 0.00	59.55 -2.68 0.00	70.58 -3.42 0.00	75.54 -2.93 0.00	93.54 -2.78 0.00	87.05 -1.81 0.00
OH_GEN_PROXY 24063	62.02 -0.78 4.41	63.55 -3.10 0.00	60.89 -3.92 0.00	55.21 -3.26 0.00	68.48 -3.62 0.00	62.84 -3.34 0.00	65.48 -4.53 0.00	63.55 -4.68 0.00	75.23 -4.12 0.00	53.77 -1.52 0.00	86.66 -1.73 0.00	96.01 0.00 0.00	96.45 -1.15 0.00	100.51 -1.50 0.00	120.89 -1.09 -4.77	123.82 -0.86 0.00	158.12 -1.57 0.00	157.45 -2.64 0.00	-29.67 -1.09 75.54	60.50 -1.73 0.00	71.77 -2.23 0.00	76.71 -1.76 0.00	94.67 -1.65 0.00	87.56 -1.30 0.00
OLIN_CORP_DRP 24177	66.46 -0.76 0.00	63.47 -3.18 0.00	60.74 -4.07 0.00	55.05 -3.42 0.00	68.49 -3.61 0.00	62.87 -3.31 0.00	65.28 -4.74 0.00	63.25 -4.99 0.00	74.79 -4.55 0.00	53.71 -1.58 0.00	86.53 -1.86 0.00	96.01 0.00 0.00	96.31 -1.29 0.00	100.31 -1.69 0.00	115.83 -1.38 0.00	123.50 -1.18 0.00	158.00 -1.68 0.00	157.42 -2.67 0.00	45.83 -1.12 0.00	60.35 -1.88 0.00	71.52 -2.48 0.00	76.51 -1.96 0.00	94.63 -1.68 0.00	87.60 -1.26 0.00
OLIN_CORP_DSASP 323712	65.79 -1.42 0.00	62.83 -3.82 0.00	60.13 -4.68 0.00	54.50 -3.97 0.00	67.70 -4.39 0.00	62.07 -4.11 0.00	64.55 -5.46 0.00	62.57 -5.66 0.00	74.10 -5.24 0.00	53.07 -2.23 0.00	85.58 -2.81 0.00	94.95 -1.07 0.00	95.27 -2.33 0.00	99.25 -2.75 0.00	114.45 -2.77 0.00	122.04 -2.64 0.00	155.98 -3.70 0.00	155.32 -4.78 0.00	45.26 -1.69 0.00	59.57 -2.65 0.00	70.61 -3.39 0.00	75.56 -2.91 0.00	93.53 -2.79 0.00	87.08 -1.78 0.00
ONEIDA_HERK_LFGE 323681	69.64 2.43 0.00	68.70 2.05 0.00	66.68 1.86 -0.01	60.19 1.70 -0.02	74.66 2.08 -0.48	68.16 1.88 -0.10	71.94 1.88 -0.05	69.90 1.67 0.00	81.57 1.98 -0.24	56.72 1.43 0.00	90.76 2.37 0.00	98.52 2.50 0.00	100.04 2.44 0.00	104.83 2.83 0.00	120.69 3.48 0.00	128.51 3.83 0.00	165.08 5.39 0.00	165.36 5.26 0.00	48.69 1.74 0.00	64.91 2.69 0.00	77.76 3.76 0.00	82.45 3.98 0.00	100.55 4.23 0.00	92.00 3.13 0.00
ONEIDA___115KV_TB4 55905	69.76 2.55 0.00	68.72 2.07 0.00	66.65 1.83 -0.02	60.22 1.72 -0.03	74.84 2.05 -0.70	68.24 1.92 -0.15	72.10 2.01 -0.07	70.12 1.89 0.00	82.11 2.43 -0.34	57.08 1.78 0.00	91.44 3.05 0.00	99.18 3.16 0.00	100.70 3.10 0.00	105.54 3.54 0.00	121.88 4.67 0.00	129.61 4.93 0.00	166.27 6.59 0.00	166.77 6.67 0.00	48.96 2.01 0.00	65.04 2.81 0.00	77.65 3.65 0.00	82.37 3.91 0.00	101.10 4.78 0.00	92.59 3.73 0.00
ONONDAGA_REF_OCCRA 23987	67.44 0.23 0.00	66.35 -0.29 0.00	64.36 -0.49 -0.04	58.22 -0.31 -0.05	73.19 -0.43 -1.53	66.04 -0.46 -0.32	69.54 -0.63 -0.16	67.75 -0.48 0.00	79.86 -0.33 -0.84	55.29 -0.01 0.00	88.80 0.41 0.00	96.97 0.95 0.00	98.66 1.06 0.00	103.13 1.13 0.00	119.15 1.94 0.00	127.39 2.71 0.00	162.84 3.16 0.00	162.94 2.85 0.00	47.73 0.78 0.00	63.31 1.08 0.00	75.22 1.22 0.00	79.81 1.34 0.00	97.46 1.14 0.00	89.27 0.41 0.00
ONONDAGA___COGEN 23986	67.03 -0.18 0.00	66.23 -0.42 0.00	64.36 -0.51 -0.05	58.22 -0.34 -0.08	73.86 -0.55 -2.32	65.96 -0.70 -0.48	69.18 -1.07 -0.25	67.32 -0.91 0.00	79.82 -0.77 -1.25	55.00 -0.29 0.00	88.07 -0.32 0.00	96.19 0.17 0.00	97.82 0.22 0.00	102.29 0.29 0.00	118.13 0.92 0.00	126.09 1.41 0.00	161.23 1.55 0.00	161.43 1.34 0.00	47.30 0.35 0.00	62.74 0.51 0.00	74.54 0.54 0.00	79.08 0.61 0.00	96.54 0.23 0.00	88.53 -0.33 0.00
ONTARIO___LFGE 23819	68.48 1.27 0.00	66.62 -0.02 0.00	64.21 -0.62 -0.02	58.13 -0.37 -0.03	72.53 -0.39 -0.82	66.12 -0.23 -0.17	69.69 -0.40 -0.09	67.96 -0.27 0.00	80.12 0.33 -0.45	56.19 0.89 0.00	89.82 1.43 0.00	98.16 2.14 0.00	99.80 2.21 0.00	104.08 2.08 0.00	120.68 3.47 0.00	129.87 5.18 0.00	165.88 6.20 0.00	166.06 5.96 0.00	48.64 1.69 0.00	64.60 2.37 0.00	76.41 2.41 0.00	81.04 2.57 0.00	98.45 2.13 0.00	90.22 1.36 0.00
ORANGEVILLE_WT_PWR 323706	67.30 0.08 0.00	64.61 -2.04 0.00	61.75 -3.06 0.00	55.91 -2.57 0.00	69.17 -2.93 0.00	63.68 -2.49 0.00	66.68 -3.33 0.00	64.72 -3.51 0.00	76.59 -2.76 0.00	54.82 -0.47 0.00	88.13 -0.26 0.00	96.93 0.91 0.00	97.46 -0.14 0.00	101.50 -0.50 0.00	118.21 0.99 0.00	126.93 2.24 0.00	161.34 1.66 0.00	161.84 1.75 0.00	47.15 0.19 0.00	62.03 -0.20 0.00	73.03 -0.97 0.00	77.97 -0.50 0.00	95.77 -0.55 0.00	87.74 -1.12 0.00
ORANGEVILLE___ESR 323794	67.30 0.08 0.00	64.61 -2.04 0.00	61.75 -3.06 0.00	55.91 -2.57 0.00	69.17 -2.93 0.00	63.68 -2.49 0.00	66.68 -3.33 0.00	64.72 -3.51 0.00	76.59 -2.76 0.00	54.82 -0.47 0.00	88.13 -0.26 0.00	96.93 0.91 0.00	97.46 -0.14 0.00	101.50 -0.50 0.00	118.21 0.99 0.00	126.93 2.24 0.00	161.34 1.66 0.00	161.84 1.75 0.00	47.15 0.19 0.00	62.03 -0.20 0.00	73.03 -0.97 0.00	77.97 -0.50 0.00	95.77 -0.55 0.00	87.74 -1.12 0.00
OSWEGATCHIE___HYD 24044	68.58 1.37 0.00	68.07 1.42 0.00	66.13 1.30 -0.02	59.47 0.97 -0.03	74.15 1.34 -0.72	67.63 1.30 -0.15	71.07 0.98 -0.08	68.57 0.34 0.00	79.60 -0.12 -0.38	55.08 -0.21 0.00	88.08 -0.31 0.00	95.21 -0.81 0.00	96.15 -1.44 0.00	100.70 -1.30 0.00	114.74 -2.47 0.00	121.43 -3.26 0.00	156.31 -3.37 0.00	156.65 -3.45 0.00	46.13 -0.82 0.00	62.03 -0.20 0.00	75.00 1.00 0.00	79.86 1.40 0.00	97.81 1.49 0.00	90.03 1.17 0.00
OSWEGO___5 23606	66.05 -1.16 0.00	65.06 -1.58 0.00	63.31 -1.72 -0.23	57.38 -1.45 -0.35	80.08 -1.84 -9.83	66.54 -1.69 -2.06	69.16 -1.89 -1.05	66.47 -1.76 0.00	82.81 -1.79 -5.25	54.26 -1.03 0.00	86.70 -1.70 0.00	94.54 -1.47 0.00	96.11 -1.48 0.00	100.43 -1.57 0.00	115.76 -1.45 0.00	123.34 -1.34 0.00	157.69 -1.99 0.00	158.03 -2.07 0.00	46.34 -0.61 0.00	61.43 -0.80 0.00	73.05 -0.95 0.00	77.53 -0.94 0.00	94.86 -1.45 0.00	87.14 -1.72 0.00
OSWEGO___6 23613	66.05 -1.16 0.00	65.06 -1.58 0.00	63.31 -1.72 -0.23	57.38 -1.45 -0.35	80.08 -1.84 -9.83	66.54 -1.69 -2.06	69.16 -1.89 -1.05	66.47 -1.76 0.00	82.81 -1.79 -5.25	54.26 -1.03 0.00	86.70 -1.70 0.00	94.54 -1.47 0.00	96.11 -1.48 0.00	100.43 -1.57 0.00	115.76 -1.45 0.00	123.34 -1.34 0.00	157.69 -1.99 0.00	158.03 -2.07 0.00	46.34 -0.61 0.00	61.43 -0.80 0.00	73.05 -0.95 0.00	77.53 -0.94 0.00	94.86 -1.45 0.00	87.14 -1.72 0.00

OUTOKUMPU-AB___DRP 24206	67.33 0.12 0.00	64.33 -2.32 0.00	61.48 -3.33 0.00	55.68 -2.80 0.00	69.11 -2.98 0.00	63.45 -2.73 0.00	66.07 -3.94 0.00	64.16 -4.07 0.00	76.04 -3.30 0.00	54.58 -0.71 0.00	87.92 -0.47 0.00	97.50 1.49 0.00	97.97 0.37 0.00	102.14 0.14 0.00	118.13 0.92 0.00	126.07 1.39 0.00	161.37 1.69 0.00	160.80 0.70 0.00	46.75 -0.20 0.00	61.62 -0.61 0.00	72.88 -1.13 0.00	77.79 -0.68 0.00	95.98 -0.33 0.00	88.81 -0.05 0.00
OXBOW___BTM 323836	66.62 -0.60 0.00	63.62 -3.03 0.00	60.83 -3.99 0.00	55.10 -3.37 0.00	68.41 -3.68 0.00	62.77 -3.41 0.00	65.33 -4.68 0.00	63.41 -4.82 0.00	75.19 -4.15 0.00	53.88 -1.41 0.00	86.56 -1.83 0.00	96.03 0.01 0.00	96.42 -1.18 0.00	100.52 -1.48 0.00	116.10 -1.11 0.00	123.91 -0.77 0.00	158.45 -1.23 0.00	157.85 -2.25 0.00	45.96 -0.99 0.00	60.49 -1.74 0.00	71.61 -2.40 0.00	76.52 -1.94 0.00	94.55 -1.76 0.00	87.79 -1.07 0.00
OXBOW___ 24026	66.61 -0.60 0.00	63.61 -3.03 0.00	60.83 -3.98 0.00	55.10 -3.37 0.00	68.42 -3.68 0.00	62.77 -3.41 0.00	65.31 -4.70 0.00	63.39 -4.84 0.00	75.07 -4.27 0.00	53.88 -1.41 0.00	86.56 -1.83 0.00	96.05 0.03 0.00	96.43 -1.18 0.00	100.51 -1.49 0.00	116.09 -1.12 0.00	123.84 -0.85 0.00	158.53 -1.15 0.00	157.89 -2.21 0.00	45.93 -1.02 0.00	60.47 -1.75 0.00	71.58 -2.42 0.00	76.50 -1.96 0.00	94.58 -1.74 0.00	87.77 -1.09 0.00
OXY_CHEM_DSASP 323612	65.79 -1.42 0.00	62.83 -3.82 0.00	60.14 -4.67 0.00	54.50 -3.97 0.00	67.71 -4.39 0.00	62.07 -4.11 0.00	64.54 -5.47 0.00	62.56 -5.67 0.00	74.00 -5.34 0.00	53.07 -2.23 0.00	85.59 -2.80 0.00	94.97 -1.04 0.00	95.27 -2.33 0.00	99.25 -2.75 0.00	114.45 -2.77 0.00	121.97 -2.71 0.00	156.07 -3.62 0.00	155.36 -4.74 0.00	45.23 -1.73 0.00	59.55 -2.68 0.00	70.58 -3.42 0.00	75.54 -2.93 0.00	93.54 -2.78 0.00	87.05 -1.81 0.00
OZONE_PARK_ESR 323760	72.35 4.01 -1.12	72.86 3.21 -3.00	69.32 3.03 -1.48	62.09 3.00 -0.61	76.20 3.63 -0.47	69.43 3.25 0.00	73.60 3.59 0.00	71.87 3.63 0.00	84.61 5.27 0.00	59.80 4.51 0.00	95.59 7.20 0.00	104.05 8.03 0.00	106.00 8.40 0.00	110.31 8.31 0.00	128.51 11.30 0.00	138.30 13.61 0.00	176.44 16.75 0.00	176.49 16.39 0.00	61.60 4.64 -10.01	76.20 5.80 -8.16	98.47 6.63 -17.84	112.53 6.80 -27.26	103.90 7.58 0.00	94.90 6.04 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	65.79 -1.42 0.00	62.83 -3.82 0.00	60.14 -4.67 0.00	54.50 -3.97 0.00	67.71 -4.39 0.00	62.07 -4.11 0.00	64.54 -5.47 0.00	62.56 -5.67 0.00	74.00 -5.34 0.00	53.07 -2.23 0.00	85.59 -2.80 0.00	94.97 -1.04 0.00	95.27 -2.33 0.00	99.25 -2.75 0.00	114.45 -2.77 0.00	121.97 -2.71 0.00	156.07 -3.62 0.00	155.36 -4.74 0.00	45.23 -1.73 0.00	59.55 -2.68 0.00	70.58 -3.42 0.00	75.54 -2.93 0.00	93.54 -2.78 0.00	87.05 -1.81 0.00
PACKARD___115KV_DUPONT_184 80571	65.79 -1.42 0.00	62.83 -3.82 0.00	60.14 -4.67 0.00	54.50 -3.97 0.00	67.71 -4.39 0.00	62.07 -4.11 0.00	64.54 -5.47 0.00	62.56 -5.67 0.00	74.00 -5.34 0.00	53.07 -2.23 0.00	85.59 -2.80 0.00	94.97 -1.04 0.00	95.27 -2.33 0.00	99.25 -2.75 0.00	114.45 -2.77 0.00	121.97 -2.71 0.00	156.07 -3.62 0.00	155.36 -4.74 0.00	45.23 -1.73 0.00	59.55 -2.68 0.00	70.58 -3.42 0.00	75.54 -2.93 0.00	93.54 -2.78 0.00	87.05 -1.81 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	71.48 3.13 -1.13	72.08 2.42 -3.01	68.60 2.29 -1.49	61.45 2.36 -0.62	75.30 2.72 -0.48	68.55 2.36 -0.01	72.60 2.58 -0.01	70.81 2.57 -0.01	83.27 3.91 -0.01	58.95 3.66 0.00	94.01 5.62 0.00	102.32 6.30 -0.01	104.18 6.57 -0.01	108.34 6.33 -0.02	126.18 8.96 0.00	135.80 11.11 0.00	173.32 13.63 0.00	173.39 13.28 -0.01	60.70 3.74 -10.01	75.89 4.58 -9.07	97.06 5.21 -17.85	110.99 5.26 -27.27	102.07 5.74 -0.01	93.31 4.44 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	73.92 5.57 -1.13	74.46 4.80 -3.01	70.88 4.57 -1.49	63.57 4.47 -0.62	77.90 5.33 -0.48	70.98 4.79 -0.01	75.21 5.19 -0.01	73.30 5.06 -0.01	86.21 6.85 -0.01	61.00 5.71 0.00	97.33 8.93 0.00	105.96 9.94 -0.01	107.70 10.09 -0.01	111.99 9.97 -0.02	130.33 13.12 0.00	140.27 15.59 0.00	179.45 19.76 0.00	179.42 19.31 -0.01	62.44 5.47 -10.01	78.24 6.94 -9.07	100.03 8.18 -17.85	114.19 8.46 -27.27	105.97 9.65 -0.01	96.94 8.07 -0.01
PATROON___115KV_TB1 80586	72.88 1.48 -4.19	79.10 1.27 -11.18	71.66 1.33 -5.52	62.13 1.39 -2.27	75.37 1.52 -1.76	66.63 0.45 0.00	71.14 1.13 0.00	69.49 1.26 0.00	80.61 1.27 0.00	54.91 0.72 1.10	90.62 2.23 0.00	98.44 2.43 0.00	100.16 2.56 0.00	104.48 2.49 0.00	120.72 3.51 0.00	129.08 4.40 0.00	165.46 5.78 0.00	166.21 6.11 0.00	114.03 1.83 -65.24	120.51 2.26 -56.03	199.00 2.58 -122.42	268.11 2.59 -187.05	99.26 2.95 0.00	91.41 2.54 0.00
PATTRSNVILLE___SOLAR 323815	76.57 2.88 -6.47	86.49 2.57 -17.27	75.83 2.49 -8.52	64.35 2.37 -3.51	77.68 2.87 -2.71	68.67 2.50 0.00	72.51 2.51 0.00	70.42 2.19 0.00	81.35 2.00 0.00	56.46 1.17 0.00	90.17 1.78 0.00	98.05 2.04 0.00	99.89 2.29 0.00	104.39 2.38 0.00	120.53 3.32 0.00	128.60 3.91 0.00	165.61 5.93 0.00	167.15 7.05 0.00	154.11 2.27 -104.88	155.06 3.19 -89.64	273.94 4.06 -195.88	382.02 4.25 -299.30	101.19 4.88 0.00	92.93 4.07 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	67.87 0.66 0.00	65.04 -1.60 0.00	62.24 -2.57 0.00	56.42 -2.05 0.00	69.86 -2.24 0.00	64.21 -1.97 0.00	67.11 -2.90 0.00	65.30 -2.93 0.00	77.47 -1.87 0.00	55.49 0.20 0.00	89.46 1.07 0.00	98.93 2.91 0.00	99.45 1.85 0.00	103.74 1.74 0.00	120.44 3.23 0.00	128.58 3.89 0.00	164.50 4.81 0.00	164.09 3.99 0.00	47.60 0.65 0.00	62.81 0.58 0.00	74.31 0.31 0.00	79.12 0.65 0.00	97.29 0.98 0.00	89.37 0.51 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	71.06 3.85 0.00	69.89 3.24 0.00	67.89 3.08 0.00	61.45 2.98 0.00	75.65 3.55 0.00	69.40 3.23 0.00	73.49 3.48 0.00	71.81 3.58 0.00	84.37 5.03 0.00	59.44 4.14 0.00	95.20 6.81 0.00	103.64 7.62 0.00	105.68 8.08 0.00	110.04 8.04 0.00	127.94 10.73 0.00	137.34 12.65 0.00	175.42 15.74 0.00	175.71 15.61 0.00	61.73 4.44 -10.34	76.30 5.58 -8.49	98.86 6.30 -18.56	113.21 6.39 -28.35	103.51 7.19 0.00	94.66 5.79 0.00
PEEKSKILL___ 23653	71.12 2.81 -1.10	71.80 2.22 -2.93	68.37 2.11 -1.45	61.21 2.15 -0.60	75.09 2.54 -0.46	68.46 2.29 0.00	72.46 2.45 0.00	70.71 2.48 0.00	83.05 3.71 0.00	58.57 3.28 0.00	93.74 5.34 0.00	102.00 5.99 0.00	103.89 6.29 0.00	108.04 6.04 0.00	125.81 8.60 0.00	135.38 10.69 0.00	172.73 13.05 0.00	172.93 12.83 0.00	60.46 3.60 -9.91	74.81 4.50 -8.09	96.74 5.06 -17.68	110.64 5.17 -27.01	101.98 5.66 0.00	93.28 4.41 0.00
PGE MADISON___WINDPWR 24146	73.07 5.85 0.00	71.61 4.97 0.00	69.31 4.48 -0.02	62.71 4.20 -0.03	78.17 5.12 -0.96	71.26 4.88 -0.20	75.22 5.10 -0.10	73.22 4.99 0.00	85.87 6.00 -0.52	59.78 4.48 0.00	95.63 7.24 0.00	104.61 8.59 0.00	106.28 8.68 0.00	111.03 9.03 0.00	128.84 11.63 0.00	137.63 12.95 0.00	175.41 15.72 0.00	177.39 17.29 0.00	58.62 5.47 -6.19	74.88 7.29 -5.36	93.81 8.09 -11.72	104.75 8.38 -17.90	104.81 8.49 0.00	95.49 6.63 0.00

PIERCEFIELD___HYD 23852	67.35 0.13 0.00	67.43 0.78 0.00	65.61 0.79 -0.01	58.85 0.36 -0.01	73.14 0.68 -0.36	67.01 0.76 -0.07	70.44 0.39 -0.04	67.78 -0.45 0.00	77.97 -1.56 -0.19	53.92 -1.37 0.00	86.29 -2.10 0.00	92.96 -3.05 0.00	93.66 -3.94 0.00	98.06 -3.94 0.00	111.16 -6.05 0.00	116.90 -7.79 0.00	150.73 -8.95 0.00	151.27 -8.83 0.00	44.40 -2.55 0.00	59.63 -2.59 0.00	71.63 -2.37 0.00	76.53 -1.93 0.00	94.84 -1.48 0.00	88.38 -0.48 0.00
PINELAWN_CC_1 323563	71.78 3.44 -1.13	73.25 3.60 -3.00	69.78 3.49 -1.48	62.36 3.28 -0.61	76.47 3.90 -0.47	69.94 3.76 0.00	73.57 3.56 0.00	71.72 3.49 0.00	85.73 5.29 -1.10	60.01 4.24 -0.48	101.38 7.30 -5.69	110.75 6.53 -8.21	108.12 6.72 -3.80	112.12 6.69 -3.43	128.92 9.48 -2.23	140.68 11.98 -4.02	193.98 14.43 -19.87	199.79 14.34 -25.35	129.03 4.40 -77.68	124.47 5.58 -56.66	123.60 6.10 -43.50	113.50 5.95 -29.08	103.64 6.99 -0.34	110.74 6.59 -15.28
PJM_GEN_HTTP_PROXY 323702	71.49 3.15 -1.12	72.10 2.45 -3.00	68.63 2.33 -1.48	59.29 2.38 1.56	75.43 2.86 -0.47	68.74 2.56 0.00	72.82 2.81 0.00	70.07 2.87 1.03	83.63 4.29 0.00	59.11 3.81 0.00	94.47 6.07 0.00	102.79 6.78 0.00	104.72 7.12 0.00	108.94 6.94 0.00	126.87 9.66 0.00	136.51 11.83 0.00	159.43 14.45 14.70	174.24 14.14 0.00	60.92 3.96 -10.01	75.29 4.90 -8.16	97.39 5.55 -17.84	111.34 5.62 -27.26	102.47 6.16 0.00	93.64 4.77 0.00
PJM_GEN_KEystone 24065	67.95 0.74 0.00	56.67 -0.36 9.62	52.48 -0.71 11.62	48.51 -0.30 9.66	44.83 -0.35 26.91	-24.33 -0.34 90.18	47.21 -0.59 22.21	65.68 -0.61 1.94	79.49 0.36 0.22	56.38 1.09 0.00	90.36 1.97 0.00	98.76 2.75 0.00	99.98 2.38 0.00	101.30 1.92 2.62	121.12 3.91 0.00	130.15 5.46 0.00	150.80 5.81 14.70	-755.31 5.34 920.76	17.16 1.25 31.04	68.99 1.57 -5.19	86.97 1.63 -11.34	97.69 1.89 -17.33	111.59 1.90 -13.37	56.78 0.98 33.06
PJM_GEN_NEPTUNE_PROXY 323594	71.56 3.22 -1.12	72.88 3.23 -3.00	69.45 3.16 -1.48	59.91 3.00 1.56	76.05 3.49 -0.47	69.51 3.33 0.00	73.17 3.15 0.00	70.29 3.09 1.03	85.14 4.69 -1.10	59.64 3.86 -0.48	95.49 6.49 -0.61	102.40 6.11 -0.27	104.82 6.58 -0.64	108.49 6.49 0.00	127.23 9.23 -0.79	140.12 11.46 -3.97	175.77 13.74 -2.34	191.14 13.69 -17.36	102.39 4.12 -51.32	93.99 5.17 -26.60	103.45 5.67 -23.78	111.28 5.55 -27.27	102.53 6.22 0.00	98.27 5.59 -3.81
PJM_GEN_VFT_PROXY 323633	71.03 2.69 -1.12	71.41 1.94 -2.83	68.12 1.84 -1.47	57.99 1.92 2.41	52.48 2.37 21.99	57.87 2.06 10.36	66.94 2.27 5.34	56.51 2.33 14.06	79.87 3.69 3.16	58.80 3.51 0.00	93.91 5.52 0.00	102.22 6.21 0.00	104.13 6.53 0.00	108.29 6.29 0.00	126.20 8.99 0.00	135.81 11.12 0.00	158.53 13.55 14.70	173.32 13.22 0.00	60.64 3.68 -10.01	72.47 4.50 -5.75	96.89 5.05 -17.84	110.82 5.09 -27.26	101.84 5.52 0.00	93.04 4.17 0.00
PLATSBURG_115KV_PMLD1 355749	66.82 -0.39 0.00	66.83 0.18 0.00	65.24 0.42 0.00	58.64 0.16 0.00	72.61 0.51 0.00	66.70 0.52 0.00	70.22 0.21 0.00	68.01 -0.22 0.00	78.67 -0.67 0.00	54.96 -0.33 0.00	87.51 -0.88 0.00	94.90 -1.11 0.00	96.48 -1.12 0.00	100.59 -1.41 0.00	114.57 -2.64 0.00	121.09 -3.60 0.00	155.80 -3.89 0.00	156.58 -3.52 0.00	46.12 -0.84 0.00	61.28 -0.94 0.00	72.86 -1.14 0.00	77.15 -1.32 0.00	94.88 -1.43 0.00	87.64 -1.23 0.00
PLEASANTVLY___LBMP 24000	71.07 2.52 -1.34	72.29 2.07 -3.58	68.59 2.02 -1.77	61.28 2.08 -0.73	75.11 2.45 -0.56	68.35 2.18 0.00	72.32 2.31 0.00	70.59 2.36 0.00	82.77 3.42 0.00	58.18 2.88 0.00	93.02 4.63 0.00	101.11 5.09 0.00	103.08 5.48 0.00	107.22 5.22 0.00	124.51 7.31 0.00	133.71 9.02 0.00	170.73 11.05 0.00	171.02 10.92 0.00	60.73 3.12 -10.66	74.78 3.90 -8.65	97.33 4.43 -18.90	111.83 4.49 -28.88	101.28 4.96 0.00	92.77 3.91 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	71.36 2.99 -1.15	72.18 2.46 -3.08	68.70 2.37 -1.52	61.46 2.36 -0.63	75.37 2.79 -0.48	68.67 2.50 0.00	72.71 2.70 0.00	70.99 2.76 0.00	83.38 4.03 0.00	58.72 3.43 0.00	93.96 5.57 0.00	102.19 6.18 0.00	104.15 6.55 0.00	108.34 6.34 0.00	125.91 8.69 0.00	135.33 10.65 0.00	172.82 13.14 0.00	173.01 12.92 0.00	60.79 3.67 -10.17	75.09 4.57 -8.29	97.31 5.20 -18.12	111.40 5.25 -27.68	102.13 5.82 0.00	93.47 4.61 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	71.36 2.99 -1.15	72.18 2.46 -3.08	68.70 2.37 -1.52	61.46 2.36 -0.63	75.37 2.79 -0.48	68.67 2.50 0.00	72.71 2.70 0.00	70.99 2.76 0.00	83.38 4.03 0.00	58.72 3.43 0.00	93.96 5.57 0.00	102.19 6.18 0.00	104.15 6.55 0.00	108.34 6.34 0.00	125.91 8.69 0.00	135.33 10.65 0.00	172.82 13.14 0.00	173.01 12.92 0.00	60.79 3.67 -10.17	75.09 4.57 -8.29	97.31 5.20 -18.12	111.40 5.25 -27.68	102.13 5.82 0.00	93.47 4.61 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	71.97 3.48 -1.28	72.99 2.93 -3.42	69.30 2.81 -1.69	61.92 2.75 -0.69	75.91 3.27 -0.54	69.13 2.95 0.00	73.15 3.14 0.00	71.50 3.27 0.00	83.90 4.55 0.00	58.98 3.69 0.00	94.46 6.06 0.00	102.74 6.73 0.00	104.75 7.16 0.00	109.11 7.11 0.00	126.75 9.54 0.00	136.04 11.35 0.00	173.85 14.17 0.00	174.20 14.10 0.00	62.22 4.04 -11.23	76.59 5.11 -9.24	100.02 5.82 -20.20	115.20 5.88 -30.86	102.93 6.61 0.00	94.17 5.31 0.00
POLETTI_____ 23519	71.36 3.02 -1.12	71.95 2.31 -3.00	68.47 2.18 -1.48	61.32 2.23 -0.61	75.27 2.70 -0.47	68.58 2.40 0.00	72.69 2.68 0.00	70.95 2.72 0.00	83.49 4.14 0.00	58.99 3.70 0.00	94.28 5.89 0.00	102.60 6.58 0.00	104.55 6.95 0.00	108.74 6.74 0.00	126.66 9.45 0.00	136.31 11.62 0.00	173.85 14.17 0.00	173.95 13.85 0.00	60.85 3.89 -10.01	75.19 4.80 -8.16	97.27 5.42 -17.84	111.21 5.48 -27.26	102.29 5.98 0.00	93.52 4.66 0.00
POMONA___ESR 323819	70.01 2.80 0.00	68.80 2.16 0.00	66.85 2.04 0.00	60.54 2.07 0.00	74.54 2.45 0.00	68.35 2.17 0.00	72.35 2.34 0.00	70.60 2.38 0.00	82.95 3.61 0.00	58.53 3.24 0.00	93.80 5.40 0.00	102.15 6.13 0.00	104.01 6.41 0.00	108.13 6.13 0.00	126.02 8.81 0.00	135.69 11.00 0.00	173.10 13.42 0.00	173.23 13.13 0.00	60.24 3.64 -9.66	74.68 4.55 -7.90	96.37 5.11 -17.26	110.08 5.24 -26.37	102.07 5.75 0.00	93.27 4.41 0.00
PORT_JEFF_3 23555	72.37 4.04 -1.12	74.13 4.48 -3.00	70.71 4.42 -1.48	63.18 4.09 -0.61	77.31 4.74 -0.47	70.82 4.64 0.00	74.51 4.49 0.00	72.24 4.01 0.00	86.31 5.86 -1.10	60.52 4.75 -0.48	159.24 8.12 -62.73	201.50 7.06 -98.43	164.86 7.57 -59.69	173.51 7.42 -64.09	176.09 10.21 -48.67	199.12 12.59 -61.84	263.94 14.83 -89.43	264.02 14.83 -89.09	266.91 4.64 -215.31	277.50 5.91 -209.36	346.04 6.53 -265.51	166.93 6.31 -82.16	108.94 7.32 -5.30	246.89 7.20 -150.82
PORT_JEFF_4 23616	72.37 4.04 -1.12	74.13 4.48 -3.00	70.71 4.42 -1.48	63.18 4.09 -0.61	77.31 4.74 -0.47	70.82 4.64 0.00	74.51 4.49 0.00	72.24 4.01 0.00	86.31 5.86 -1.10	60.52 4.75 -0.48	159.24 8.12 -62.73	201.50 7.06 -98.43	164.86 7.57 -59.69	173.51 7.42 -64.09	176.09 10.21 -48.67	199.12 12.59 -61.84	263.94 14.83 -89.43	264.02 14.83 -89.09	266.91 4.64 -215.31	277.50 5.91 -209.36	346.04 6.53 -265.51	166.93 6.31 -82.16	108.94 7.32 -5.30	246.89 7.20 -150.82

PORT_JEFF_IC 23713	72.55 4.21 -1.13	74.29 4.65 -3.00	70.87 4.58 -1.48	63.32 4.24 -0.61	77.48 4.91 -0.47	70.98 4.80 0.00	74.69 4.68 0.00	72.40 4.17 0.00	86.57 6.12 -1.10	60.72 4.95 -0.48	168.50 8.49 -71.62	220.12 7.26 -116.85	184.54 7.64 -79.30	194.93 7.55 -85.37	200.31 10.50 -72.59	240.95 13.05 -103.21	314.81 15.31 -139.82	312.55 15.31 -137.14	323.68 4.77 -271.96	329.88 6.09 -261.57	414.74 6.75 -333.99	198.87 6.54 -113.86	110.19 7.76 -6.11	268.62 7.58 -172.17
PPL PILGRIM_ST_GT1 24216	72.85 4.51 -1.12	74.48 4.83 -3.00	70.99 4.69 -1.48	63.44 4.36 -0.61	77.66 5.09 -0.47	71.08 4.90 0.00	74.73 4.72 0.00	72.67 4.44 0.00	86.96 6.51 -1.10	60.81 5.03 -0.48	118.80 8.50 -21.91	138.07 7.60 -34.46	116.40 8.08 -10.72	121.01 8.06 -10.94	133.71 11.12 -5.39	142.29 13.61 -3.99	206.96 16.41 -30.88	218.45 16.00 -42.36	160.93 4.94 -109.04	194.51 6.42 -125.86	197.34 7.06 -116.27	123.42 6.87 -38.08	105.35 7.95 -1.08	146.59 7.76 -49.96
PPL PILGRIM_ST_GT2 24217	72.85 4.51 -1.12	74.48 4.83 -3.00	70.99 4.69 -1.48	63.44 4.36 -0.61	77.66 5.09 -0.47	71.08 4.90 0.00	74.73 4.72 0.00	72.67 4.44 0.00	86.96 6.51 -1.10	60.81 5.03 -0.48	118.80 8.50 -21.91	138.07 7.60 -34.46	116.40 8.08 -10.72	121.01 8.06 -10.94	133.71 11.12 -5.39	142.29 13.61 -3.99	206.96 16.41 -30.88	218.45 16.00 -42.36	160.93 4.94 -109.04	194.51 6.42 -125.86	197.34 7.06 -116.27	123.42 6.87 -38.08	105.35 7.95 -1.08	146.59 7.76 -49.96
PPL_SHRM_GT3 24213	72.52 4.18 -1.12	74.62 4.97 -3.00	71.42 5.12 -1.48	63.79 4.70 -0.61	78.06 5.49 -0.47	71.55 5.37 0.00	75.32 5.32 0.00	72.37 4.13 0.00	86.26 5.81 -1.10	60.63 4.86 -0.48	160.83 8.44 -64.00	205.12 7.63 -101.48	169.14 8.09 -63.45	178.23 8.06 -68.17	181.15 10.64 -53.30	207.18 12.59 -69.90	274.01 14.95 -99.37	274.57 15.77 -98.69	277.99 4.92 -226.12	288.05 6.22 -219.61	359.26 6.74 -278.53	173.24 6.52 -88.25	109.16 7.43 -5.41	250.93 8.21 -153.86
PPL_SHRM_GT4 24214	72.52 4.18 -1.12	74.62 4.97 -3.00	71.42 5.12 -1.48	63.79 4.70 -0.61	78.06 5.49 -0.47	71.55 5.37 0.00	75.32 5.32 0.00	72.37 4.13 0.00	86.26 5.81 -1.10	60.63 4.86 -0.48	160.83 8.44 -64.00	205.12 7.63 -101.48	169.14 8.09 -63.45	178.23 8.06 -68.17	181.15 10.64 -53.30	207.18 12.59 -69.90	274.01 14.95 -99.37	274.57 15.77 -98.69	277.99 4.92 -226.12	288.05 6.22 -219.61	359.26 6.74 -278.53	173.24 6.52 -88.25	109.16 7.43 -5.41	250.93 8.21 -153.86
PROJECT___ORANGE 1 24174	67.04 -0.18 0.00	65.90 -0.75 0.00	63.89 -0.95 -0.03	57.79 -0.73 -0.05	72.44 -0.94 -1.28	65.54 -0.90 -0.27	69.07 -1.07 -0.14	67.35 -0.88 0.00	79.39 -0.64 -0.69	55.17 -0.13 0.00	88.42 0.03 0.00	96.56 0.54 0.00	98.22 0.61 0.00	102.66 0.66 0.00	118.55 1.34 0.00	126.53 1.84 0.00	161.86 2.18 0.00	161.89 1.79 0.00	47.41 0.45 0.00	62.85 0.63 0.00	74.67 0.67 0.00	79.22 0.75 0.00	96.77 0.46 0.00	88.73 -0.14 0.00
PROJECT___ORANGE 2 24166	67.04 -0.18 0.00	65.90 -0.75 0.00	63.89 -0.95 -0.03	57.79 -0.73 -0.05	72.44 -0.94 -1.28	65.54 -0.90 -0.27	69.07 -1.07 -0.14	67.35 -0.88 0.00	79.39 -0.64 -0.69	55.17 -0.13 0.00	88.42 0.03 0.00	96.56 0.54 0.00	98.22 0.61 0.00	102.66 0.66 0.00	118.55 1.34 0.00	126.53 1.84 0.00	161.86 2.18 0.00	161.89 1.79 0.00	47.41 0.45 0.00	62.85 0.63 0.00	74.67 0.67 0.00	79.22 0.75 0.00	96.77 0.46 0.00	88.73 -0.14 0.00
PUCKETT___SOLAR 323809	69.00 1.79 0.00	67.74 1.09 0.00	65.62 0.78 -0.02	59.47 0.97 -0.03	74.15 1.17 -0.89	67.49 1.13 -0.19	71.15 1.05 -0.09	69.24 1.01 0.00	81.30 1.48 -0.48	56.40 1.11 0.00	90.05 1.66 0.00	98.18 2.16 0.00	99.96 2.36 0.00	104.15 2.15 0.00	120.86 3.66 0.00	129.65 4.97 0.00	164.88 5.19 0.00	166.16 6.06 0.00	54.14 1.94 -5.25	69.44 2.67 -4.54	86.77 2.85 -9.92	96.77 3.13 -15.16	99.59 3.28 0.00	90.93 2.07 0.00
PYRITES___HYD 24023	68.80 1.59 0.00	68.92 2.28 0.00	67.05 2.23 0.00	60.11 1.64 0.00	74.38 2.29 0.00	68.49 2.31 0.00	72.13 2.12 0.00	69.35 1.12 0.00	79.23 -0.11 0.00	54.65 -0.64 0.00	87.43 -0.96 0.00	94.12 -1.90 0.00	94.94 -2.66 0.00	99.39 -2.61 0.00	112.65 -4.56 0.00	118.33 -6.36 0.00	152.43 -7.25 0.00	153.71 -6.39 0.00	45.23 -1.72 0.00	61.24 -0.98 0.00	73.80 -0.20 0.00	78.74 0.28 0.00	97.42 1.11 0.00	90.74 1.87 0.00
QUAKERRD_115KV_BK1 80622	66.71 -0.51 0.00	64.69 -1.95 0.00	62.34 -2.48 0.00	56.37 -2.10 0.00	69.65 -2.44 0.00	63.98 -2.20 0.00	67.30 -2.71 0.00	65.67 -2.56 0.00	77.15 -2.19 0.00	54.67 -0.63 0.00	87.89 -0.50 0.00	96.74 0.72 0.00	98.04 0.44 0.00	102.31 0.31 0.00	117.81 0.60 0.00	125.59 0.90 0.00	160.37 0.69 0.00	160.43 0.33 0.00	46.91 -0.04 0.00	62.10 -0.13 0.00	73.79 -0.21 0.00	78.52 0.05 0.00	96.04 -0.28 0.00	88.25 -0.61 0.00
QUENSBRY_115KV_TB8 356137	82.70 4.95 -10.54	99.19 4.39 -28.16	82.78 4.07 -13.89	68.01 3.81 -5.73	81.21 4.70 -4.42	70.09 3.91 0.00	73.62 3.61 0.00	71.68 3.45 0.00	83.09 3.74 0.00	58.82 2.68 -0.85	91.91 3.52 0.00	100.28 4.26 0.00	102.91 5.32 0.00	107.51 5.51 0.00	124.33 7.11 0.00	132.91 8.22 0.00	172.15 12.46 0.00	173.91 13.81 0.00	151.72 4.68 -100.09	152.58 5.69 -84.66	265.91 6.91 -184.99	368.27 7.14 -282.66	104.13 7.81 0.00	95.22 6.36 0.00
RAMAPO___LBMP 323565	69.65 2.44 0.00	68.47 1.83 0.00	66.54 1.73 0.00	60.27 1.79 0.00	74.22 2.12 0.00	68.07 1.90 0.00	72.03 2.02 0.00	70.27 2.04 0.00	82.54 3.20 0.00	58.19 2.89 0.00	93.17 4.78 0.00	101.45 5.44 0.00	103.27 5.67 0.00	107.33 5.33 0.00	125.05 7.84 0.00	134.66 9.97 0.00	171.76 12.08 0.00	171.91 11.81 0.00	59.80 3.28 -9.57	74.15 4.09 -7.83	95.70 4.59 -17.11	109.32 4.71 -26.15	101.48 5.16 0.00	92.77 3.91 0.00
RANKINE____ 23646	67.97 0.75 0.00	65.04 -1.60 0.00	62.19 -2.62 0.00	56.37 -2.11 0.00	69.83 -2.27 0.00	64.15 -2.03 0.00	66.96 -3.05 0.00	65.11 -3.12 0.00	77.25 -2.09 0.00	55.37 0.08 0.00	89.25 0.86 0.00	98.78 2.77 0.00	99.29 1.69 0.00	103.51 1.51 0.00	120.06 2.85 0.00	128.16 3.48 0.00	163.90 4.22 0.00	163.38 3.29 0.00	47.41 0.46 0.00	62.49 0.27 0.00	73.93 -0.07 0.00	78.88 0.42 0.00	97.09 0.77 0.00	89.33 0.46 0.00
RAVENSWOOD_GT2_1 24244	71.53 3.20 -1.13	72.13 2.49 -3.00	68.64 2.34 -1.48	61.46 2.38 -0.61	75.45 2.88 -0.47	68.76 2.58 0.00	72.84 2.83 0.00	71.07 2.84 0.00	83.58 4.24 0.00	59.05 3.76 0.00	94.36 5.97 0.00	102.67 6.66 0.00	104.59 6.99 0.00	108.81 6.81 0.00	126.74 9.53 0.00	136.37 11.69 0.00	173.97 14.29 0.00	174.06 13.96 0.00	60.90 3.93 -10.01	75.26 4.87 -8.16	97.36 5.52 -17.84	111.31 5.58 -27.26	102.45 6.14 0.00	93.65 4.78 0.00
RAVENSWOOD_GT2_2 24245	71.53 3.20 -1.13	72.13 2.49 -3.00	68.64 2.34 -1.48	61.46 2.38 -0.61	75.45 2.88 -0.47	68.76 2.58 0.00	72.84 2.83 0.00	71.07 2.84 0.00	83.58 4.24 0.00	59.05 3.76 0.00	94.36 5.97 0.00	102.67 6.66 0.00	104.59 6.99 0.00	108.81 6.81 0.00	126.74 9.53 0.00	136.37 11.69 0.00	173.97 14.29 0.00	174.06 13.96 0.00	60.90 3.93 -10.01	75.26 4.87 -8.16	97.36 5.52 -17.84	111.31 5.58 -27.26	102.45 6.14 0.00	93.65 4.78 0.00

RAVENSWOOD_GT2_3 24246	71.58 3.24 -1.13	72.16 2.52 -3.00	68.67 2.38 -1.48	61.51 2.42 -0.61	75.49 2.93 -0.47	68.81 2.63 0.00	72.89 2.88 0.00	71.13 2.90 0.00	83.65 4.30 0.00	59.10 3.81 0.00	94.44 6.05 0.00	102.76 6.74 0.00	104.68 7.08 0.00	108.89 6.89 0.00	126.84 9.63 0.00	136.49 11.80 0.00	174.11 14.43 0.00	174.21 14.11 0.00	60.92 3.96 -10.01	75.30 4.91 -8.16	97.42 5.58 -17.84	111.38 5.65 -27.26	102.52 6.21 0.00	93.73 4.87 0.00
RAVENSWOOD_GT2_4 24247	71.58 3.24 -1.13	72.16 2.52 -3.00	68.67 2.38 -1.48	61.51 2.42 -0.61	75.49 2.93 -0.47	68.81 2.63 0.00	72.89 2.88 0.00	71.13 2.90 0.00	83.65 4.30 0.00	59.10 3.81 0.00	94.44 6.05 0.00	102.76 6.74 0.00	104.68 7.08 0.00	108.89 6.89 0.00	126.84 9.63 0.00	136.49 11.80 0.00	174.11 14.43 0.00	174.21 14.11 0.00	60.92 3.96 -10.01	75.30 4.91 -8.16	97.42 5.58 -17.84	111.38 5.65 -27.26	102.52 6.21 0.00	93.73 4.87 0.00
RAVENSWOOD_GT3_1 24248	71.53 3.20 -1.13	72.13 2.49 -3.00	68.64 2.35 -1.48	61.46 2.38 -0.61	75.47 2.91 -0.47	68.77 2.59 0.00	72.87 2.86 0.00	71.10 2.87 0.00	83.63 4.28 0.00	59.05 3.76 0.00	94.37 5.98 0.00	102.68 6.66 0.00	104.60 7.00 0.00	108.82 6.82 0.00	126.74 9.53 0.00	136.37 11.69 0.00	173.97 14.29 0.00	174.06 13.96 0.00	60.90 3.93 -10.01	75.26 4.87 -8.16	97.36 5.52 -17.84	111.31 5.58 -27.26	102.45 6.14 0.00	93.65 4.78 0.00
RAVENSWOOD_GT3_2 24249	71.53 3.20 -1.13	72.13 2.49 -3.00	68.64 2.35 -1.48	61.46 2.38 -0.61	75.47 2.91 -0.47	68.77 2.59 0.00	72.87 2.86 0.00	71.10 2.87 0.00	83.63 4.28 0.00	59.05 3.76 0.00	94.37 5.98 0.00	102.68 6.66 0.00	104.60 7.00 0.00	108.82 6.82 0.00	126.74 9.53 0.00	136.37 11.69 0.00	173.97 14.29 0.00	174.06 13.96 0.00	60.90 3.93 -10.01	75.26 4.87 -8.16	97.36 5.52 -17.84	111.31 5.58 -27.26	102.45 6.14 0.00	93.65 4.78 0.00
RAVENSWOOD_GT3_3 24250	71.69 3.35 -1.13	72.28 2.63 -3.00	68.79 2.50 -1.48	61.58 2.49 -0.61	75.62 3.05 -0.47	68.90 2.72 0.00	73.01 3.00 0.00	71.27 3.03 0.00	83.82 4.47 0.00	59.21 3.91 0.00	94.62 6.23 0.00	102.95 6.93 0.00	104.87 7.27 0.00	109.11 7.11 0.00	127.09 9.88 0.00	136.75 12.06 0.00	174.45 14.77 0.00	174.54 14.44 0.00	61.01 4.05 -10.01	75.43 5.03 -8.16	97.56 5.72 -17.84	111.54 5.81 -27.26	102.69 6.38 0.00	93.88 5.02 0.00
RAVENSWOOD_GT3_4 24251	71.69 3.35 -1.13	72.28 2.63 -3.00	68.79 2.50 -1.48	61.58 2.49 -0.61	75.62 3.05 -0.47	68.90 2.72 0.00	73.01 3.00 0.00	71.27 3.03 0.00	83.82 4.47 0.00	59.21 3.91 0.00	94.62 6.23 0.00	102.95 6.93 0.00	104.87 7.27 0.00	109.11 7.11 0.00	127.09 9.88 0.00	136.75 12.06 0.00	174.45 14.77 0.00	174.54 14.44 0.00	61.01 4.05 -10.01	75.43 5.03 -8.16	97.56 5.72 -17.84	111.54 5.81 -27.26	102.69 6.38 0.00	93.88 5.02 0.00
RAVENSWOOD_GT_1 23729	61.17 2.95 9.00	61.78 2.25 7.12	58.87 2.12 8.06	57.86 2.19 2.79	58.99 2.54 15.64	56.48 2.24 11.94	58.27 2.48 14.21	56.97 2.49 13.75	72.80 3.83 10.37	58.89 3.60 0.00	93.93 5.54 0.00	102.22 6.21 0.00	103.62 6.49 0.47	108.25 6.25 0.00	126.13 8.92 0.00	135.75 11.06 0.00	173.21 13.52 0.00	173.28 13.19 0.00	59.37 3.69 -8.73	67.60 4.53 -0.84	85.18 5.13 -6.05	89.58 5.16 -5.95	88.02 5.60 13.90	76.69 4.32 16.49
RAVENSWOOD_GT_10 24258	70.61 3.22 -0.18	71.21 2.51 -2.05	67.77 2.37 -0.59	61.16 2.40 -0.29	75.40 2.90 -0.41	68.77 2.59 0.00	72.85 2.84 0.00	71.08 2.85 0.00	83.58 4.24 0.00	59.05 3.76 0.00	94.38 5.99 0.00	102.70 6.69 0.00	104.65 7.05 0.00	108.84 6.84 0.00	126.76 9.55 0.00	136.39 11.71 0.00	173.98 14.30 0.00	174.09 13.99 0.00	60.91 3.94 -10.01	76.40 4.88 -9.29	97.39 5.55 -17.84	111.32 5.59 -27.26	102.48 6.16 0.00	93.66 4.80 0.00
RAVENSWOOD_GT_11 24259	70.61 3.22 -0.18	71.21 2.51 -2.05	67.77 2.37 -0.59	61.16 2.40 -0.29	75.40 2.90 -0.41	68.77 2.59 0.00	72.85 2.84 0.00	71.08 2.85 0.00	83.58 4.24 0.00	59.05 3.76 0.00	94.38 5.99 0.00	102.70 6.69 0.00	104.65 7.05 0.00	108.84 6.84 0.00	126.76 9.55 0.00	136.39 11.71 0.00	173.98 14.30 0.00	174.09 13.99 0.00	60.91 3.94 -10.01	76.40 4.88 -9.29	97.39 5.55 -17.84	111.32 5.59 -27.26	102.48 6.16 0.00	93.66 4.80 0.00
RAVENSWOOD_GT_4 24252	63.92 3.29 6.58	64.52 2.57 4.70	61.47 2.44 5.78	58.95 2.46 1.98	74.97 2.90 0.03	68.76 2.58 0.00	72.85 2.84 0.00	71.08 2.85 0.00	83.58 4.24 0.00	59.05 3.76 0.00	94.38 5.99 0.00	102.69 6.67 0.00	104.61 7.01 0.00	108.83 6.83 0.00	126.75 9.54 0.00	136.39 11.70 0.00	173.97 14.29 0.00	174.09 13.99 0.00	60.90 3.94 -10.01	75.27 4.88 -8.16	97.37 5.53 -17.84	111.31 5.58 -27.26	102.45 6.14 0.00	93.65 4.79 0.00
RAVENSWOOD_GT_5 24254	63.92 3.29 6.58	64.52 2.57 4.70	61.47 2.44 5.78	58.95 2.46 1.98	74.97 2.90 0.03	68.76 2.58 0.00	72.85 2.84 0.00	71.08 2.85 0.00	83.58 4.24 0.00	59.05 3.76 0.00	94.38 5.99 0.00	102.69 6.67 0.00	104.61 7.01 0.00	108.83 6.83 0.00	126.75 9.54 0.00	136.39 11.70 0.00	173.97 14.29 0.00	174.09 13.99 0.00	60.90 3.94 -10.01	75.27 4.88 -8.16	97.37 5.53 -17.84	111.31 5.58 -27.26	102.45 6.14 0.00	93.65 4.79 0.00
RAVENSWOOD_GT_6 24253	63.92 3.29 6.58	64.52 2.57 4.70	61.47 2.44 5.78	58.95 2.46 1.98	74.97 2.90 0.03	68.76 2.58 0.00	72.85 2.84 0.00	71.08 2.85 0.00	83.58 4.24 0.00	59.05 3.76 0.00	94.38 5.99 0.00	102.69 6.67 0.00	104.61 7.01 0.00	108.83 6.83 0.00	126.75 9.54 0.00	136.39 11.70 0.00	173.97 14.29 0.00	174.09 13.99 0.00	60.90 3.94 -10.01	75.27 4.88 -8.16	97.37 5.53 -17.84	111.31 5.58 -27.26	102.45 6.14 0.00	93.65 4.79 0.00
RAVENSWOOD_GT_7 24255	63.92 3.29 6.58	64.52 2.57 4.70	61.47 2.44 5.78	58.95 2.46 1.98	74.97 2.90 0.03	68.76 2.58 0.00	72.85 2.84 0.00	71.08 2.85 0.00	83.58 4.24 0.00	59.05 3.76 0.00	94.38 5.99 0.00	102.69 6.67 0.00	104.61 7.01 0.00	108.83 6.83 0.00	126.75 9.54 0.00	136.39 11.70 0.00	173.97 14.29 0.00	174.09 13.99 0.00	60.90 3.94 -10.01	75.27 4.88 -8.16	97.37 5.53 -17.84	111.31 5.58 -27.26	102.45 6.14 0.00	93.65 4.79 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	70.61 3.22 -0.18	71.21 2.51 -2.05	67.77 2.37 -0.59	61.16 2.40 -0.29	75.40 2.90 -0.41	68.77 2.59 0.00	72.85 2.84 0.00	71.08 2.85 0.00	83.58 4.24 0.00	59.05 3.76 0.00	94.38 5.99 0.00	102.70 6.69 0.00	104.65 7.05 0.00	108.84 6.84 0.00	126.76 9.55 0.00	136.39 11.71 0.00	173.98 14.30 0.00	174.09 13.99 0.00	60.91 3.94 -10.01	76.40 4.88 -9.29	97.39 5.55 -17.84	111.32 5.59 -27.26	102.48 6.16 0.00	93.66 4.80 0.00
RAVENSWOOD_GT_9 24257	70.61 3.22 -0.18	71.21 2.51 -2.05	67.77 2.37 -0.59	61.16 2.40 -0.29	75.40 2.90 -0.41	68.77 2.59 0.00	72.85 2.84 0.00	71.08 2.85 0.00	83.58 4.24 0.00	59.05 3.76 0.00	94.38 5.99 0.00	102.70 6.69 0.00	104.65 7.05 0.00	108.84 6.84 0.00	126.76 9.55 0.00	136.39 11.71 0.00	173.98 14.30 0.00	174.09 13.99 0.00	60.91 3.94 -10.01	76.40 4.88 -9.29	97.39 5.55 -17.84	111.32 5.59 -27.26	102.48 6.16 0.00	93.66 4.80 0.00

RAVENSWOOD___1 23533	56.87 2.92 13.27	57.50 2.20 11.35	54.82 2.09 12.08	56.41 2.14 4.20	56.26 2.43 18.26	55.44 2.14 12.87	56.24 2.31 16.08	56.70 2.38 13.91	71.02 3.56 11.89	58.83 3.54 0.00	93.81 5.42 0.00	102.07 6.06 0.00	103.38 6.36 0.58	108.04 6.05 0.01	125.94 8.73 0.00	135.54 10.85 0.00	172.96 13.28 0.00	173.04 12.94 0.01	59.02 3.61 -8.46	62.10 4.43 4.55	82.60 5.03 -3.56	84.96 5.03 -1.46	84.97 5.49 16.83	73.09 4.20 19.97
RAVENSWOOD___2 23534	56.24 2.41 13.38	56.94 1.76 11.46	54.29 1.67 12.19	55.97 1.74 4.24	55.73 1.96 18.33	55.04 1.76 12.90	55.72 1.84 16.14	56.19 1.87 13.91	70.30 2.89 11.94	58.41 3.12 0.00	93.00 4.61 0.00	101.17 5.16 0.00	102.45 5.43 0.58	107.11 5.12 0.01	124.86 7.65 0.00	134.37 9.68 0.00	171.48 11.80 0.00	171.62 11.52 0.01	58.62 3.22 -8.45	61.42 3.89 4.70	81.88 4.39 -3.49	84.17 4.37 -1.34	84.18 4.77 16.91	72.36 3.57 20.07
RAVENSWOOD___3 23535	71.53 3.20 -1.13	72.14 2.49 -3.00	68.64 2.35 -1.48	61.46 2.38 -0.61	75.46 2.90 -0.47	68.75 2.57 0.00	72.84 2.83 0.00	71.08 2.85 0.00	83.56 4.22 0.00	59.05 3.76 0.00	94.38 5.98 0.00	102.69 6.68 0.00	104.61 7.01 0.00	108.83 6.83 0.00	126.75 9.54 0.00	136.39 11.70 0.00	173.97 14.28 0.00	174.10 14.00 0.00	60.90 3.93 -10.01	75.27 4.87 -8.16	97.36 5.52 -17.84	111.31 5.59 -27.26	102.45 6.14 0.00	93.63 4.77 0.00
RAVENSWOOD___4 23820	52.50 2.88 17.59	53.19 2.18 15.64	50.71 2.05 16.16	54.96 2.12 5.63	53.55 2.36 20.91	54.40 2.05 13.82	54.25 2.22 17.98	56.45 2.28 14.06	69.36 3.46 13.44	58.75 3.46 0.00	93.64 5.25 0.00	101.92 5.91 0.00	103.11 6.20 0.68	107.89 5.90 0.01	125.77 8.56 0.00	135.35 10.66 0.00	172.74 13.06 0.00	172.79 12.69 0.01	58.68 3.54 -8.18	56.54 4.33 10.02	79.96 4.92 -1.04	80.30 4.93 3.10	81.89 5.37 19.80	69.45 4.08 23.50
RCPL_TRUST___DRP 24196	71.56 3.22 -1.12	72.16 2.52 -3.00	68.68 2.39 -1.48	61.52 2.43 -0.61	75.50 2.93 -0.47	68.81 2.63 0.00	72.91 2.90 0.00	71.20 2.97 0.00	83.79 4.45 0.00	59.21 3.91 0.00	94.64 6.25 0.00	102.97 6.96 0.00	104.92 7.32 0.00	109.14 7.14 0.00	127.11 9.90 0.00	136.76 12.07 0.00	174.45 14.77 0.00	174.54 14.44 0.00	61.01 4.05 -10.01	75.39 5.00 -8.16	97.49 5.64 -17.84	111.44 5.71 -27.26	102.58 6.27 0.00	93.76 4.91 0.00
RED___ROCHESTER 323720	68.83 1.61 0.00	66.55 -0.09 0.00	64.06 -0.75 0.00	57.96 -0.52 0.00	71.64 -0.46 0.00	65.82 -0.36 0.00	69.13 -0.88 0.00	67.46 -0.77 0.00	79.53 0.19 0.00	56.52 1.23 0.00	90.99 2.59 0.00	100.28 4.27 0.00	101.57 3.98 0.00	105.90 3.90 0.00	121.88 4.67 0.00	130.25 5.56 0.00	166.09 6.41 0.00	166.16 6.06 0.00	48.62 1.67 0.00	64.38 2.15 0.00	76.52 2.52 0.00	81.38 2.92 0.00	99.47 3.16 0.00	91.35 2.49 0.00
REGAN___SOLAR 323812	78.44 5.20 -6.03	87.43 4.68 -16.10	77.14 4.38 -7.94	65.70 3.96 -3.28	79.55 4.93 -2.53	70.70 4.52 0.00	74.53 4.53 0.00	71.73 3.50 0.00	81.44 2.10 0.00	56.14 0.85 0.00	89.59 1.20 0.00	97.20 1.19 0.00	98.89 1.29 0.00	103.52 1.53 0.00	119.90 2.69 0.00	128.14 3.46 0.00	167.22 7.54 0.00	170.98 10.88 0.00	148.52 3.52 -98.04	151.31 5.28 -83.80	264.15 7.04 -183.11	365.66 7.42 -279.78	104.92 8.60 0.00	96.10 7.24 0.00
RENSSELAER___COGEN 23796	29.90 0.75 38.07	-34.45 -0.61 101.70	15.33 0.70 50.18	38.63 0.84 20.68	56.97 0.84 15.96	65.95 -0.23 0.00	70.40 0.39 0.00	68.75 0.52 0.00	79.75 0.40 0.00	54.08 0.06 1.28	89.49 1.10 0.00	97.15 1.14 0.00	98.83 1.23 0.00	102.99 0.99 0.00	118.97 1.76 0.00	127.21 2.53 0.00	163.06 3.37 0.00	163.85 3.75 0.00	90.04 1.15 -41.94	108.91 1.38 -45.30	174.52 1.54 -98.97	231.21 1.52 -151.23	98.00 1.68 0.00	90.32 1.46 0.00
REPUBLIC_115KV_BARTNBRK 55605	87.34 9.35 -10.77	103.89 8.46 -28.78	86.61 7.59 -14.20	71.35 7.02 -5.85	85.50 8.89 -4.52	73.82 7.64 0.00	76.33 6.32 0.00	73.64 5.41 0.00	84.77 5.42 0.00	60.48 4.29 -0.89	94.16 5.77 0.00	103.11 7.09 0.00	106.90 9.30 0.00	111.96 9.96 0.00	129.28 12.07 0.00	137.72 13.03 0.00	178.34 18.66 0.00	180.90 20.80 0.00	153.60 7.00 -99.65	154.59 8.13 -84.23	268.01 9.95 -184.05	371.11 11.43 -281.22	108.98 12.66 0.00	98.87 10.01 0.00
REVERE_CPPR_DRP 24186	70.58 3.37 0.00	69.54 2.89 0.00	67.41 2.59 -0.02	60.87 2.37 -0.02	75.62 2.89 -0.64	69.01 2.70 -0.13	72.93 2.86 -0.07	70.87 2.64 0.00	82.83 3.17 -0.31	57.58 2.28 0.00	92.22 3.83 0.00	100.07 4.06 0.00	101.64 4.04 0.00	106.71 4.71 0.00	123.39 6.18 0.00	131.14 6.45 0.00	168.46 8.78 0.00	168.73 8.63 0.00	49.62 2.67 0.00	66.07 3.84 0.00	79.00 5.00 0.00	83.76 5.30 0.00	102.43 6.11 0.00	93.66 4.80 0.00
REYNLDPA_13_KV_LD 356490	66.45 -0.77 0.00	67.10 0.45 0.00	65.38 0.57 0.00	58.69 0.22 0.00	72.57 0.48 0.00	66.73 0.55 0.00	70.55 0.54 0.00	68.49 0.26 0.00	79.14 -0.20 0.00	54.59 -0.70 0.00	87.93 -0.47 0.00	94.96 -1.06 0.00	96.14 -1.46 0.00	100.11 -1.89 0.00	113.65 -3.56 0.00	119.77 -4.92 0.00	154.10 -5.58 0.00	154.42 -5.68 0.00	45.31 -1.65 0.00	60.22 -2.01 0.00	71.74 -2.26 0.00	76.12 -2.34 0.00	94.09 -2.23 0.00	87.61 -1.25 0.00
REYNOLDS_115KV_TB3 80639	97.67 1.58 -28.87	145.19 1.41 -77.14	104.35 1.48 -38.06	75.72 1.56 -15.69	85.90 1.70 -12.11	66.29 0.11 0.00	70.66 0.65 0.00	69.03 0.80 0.00	80.02 0.67 0.00	53.92 0.27 1.64	90.58 2.19 0.00	98.38 2.36 0.00	100.10 2.50 0.00	104.31 2.31 0.00	120.53 3.31 0.00	128.86 4.17 0.00	165.08 5.39 0.00	165.68 5.58 0.00	113.55 1.74 -64.86	114.67 2.14 -50.31	186.37 2.44 -109.92	248.97 2.55 -167.96	99.17 2.85 0.00	91.38 2.52 0.00
RIVERBAY____ 323610	73.92 5.57 -1.13	74.46 4.80 -3.01	70.88 4.57 -1.49	63.57 4.47 -0.62	77.90 5.33 -0.48	70.98 4.79 -0.01	75.21 5.19 -0.01	73.30 5.06 -0.01	86.21 6.85 -0.01	61.00 5.71 0.00	97.33 8.93 0.00	105.96 9.94 -0.01	107.70 10.09 -0.01	111.99 9.97 -0.02	130.33 13.12 0.00	140.27 15.59 0.00	179.45 19.76 0.00	179.42 19.31 -0.01	62.44 5.47 -10.01	78.24 6.94 -9.07	100.03 8.18 -17.85	114.19 8.46 -27.27	105.97 9.65 -0.01	96.94 8.07 -0.01
RIVERSDE_115KV_TB3 55908	81.81 1.38 -13.21	103.16 1.22 -35.30	83.51 1.28 -17.41	67.01 1.36 -7.18	79.11 1.47 -5.54	66.35 0.17 0.00	70.79 0.78 0.00	69.15 0.92 0.00	80.19 0.85 0.00	54.29 0.39 1.40	90.40 2.01 0.00	98.17 2.16 0.00	99.88 2.28 0.00	104.12 2.12 0.00	120.30 3.09 0.00	128.63 3.95 0.00	164.83 5.15 0.00	165.54 5.44 0.00	110.30 1.66 -61.68	115.25 2.03 -50.99	187.72 2.29 -111.42	251.07 2.35 -170.25	98.97 2.66 0.00	91.18 2.32 0.00
ROARING___BROOK_WT_PWR 323790	66.94 -0.27 0.00	66.52 -0.12 0.00	64.68 -0.13 0.00	58.34 -0.13 0.00	71.93 -0.16 0.00	65.89 -0.29 0.00	69.77 -0.24 0.00	67.94 -0.30 0.00	79.11 -0.23 0.00	55.08 -0.21 0.00	88.03 -0.36 0.00	95.47 -0.55 0.00	97.00 -0.60 0.00	101.46 -0.54 0.00	116.35 -0.86 0.00	123.66 -1.03 0.00	158.52 -1.17 0.00	158.93 -1.17 0.00	46.67 -0.28 0.00	61.84 -0.38 0.00	73.50 -0.50 0.00	77.61 -0.85 0.00	95.10 -1.22 0.00	87.75 -1.11 0.00

ROCHESRG_115KV_T4 355643	67.86 0.64 0.00	65.62 -1.03 0.00	63.17 -1.64 0.00	57.16 -1.31 0.00	70.67 -1.42 0.00	64.92 -1.26 0.00	68.15 -1.86 0.00	66.42 -1.81 0.00	78.15 -1.20 0.00	55.51 0.22 0.00	89.27 0.88 0.00	98.36 2.35 0.00	99.49 1.89 0.00	103.80 1.80 0.00	119.59 2.38 0.00	127.62 2.93 0.00	162.79 3.11 0.00	162.61 2.51 0.00	47.54 0.59 0.00	62.91 0.69 0.00	74.79 0.79 0.00	79.66 1.19 0.00	97.59 1.27 0.00	89.79 0.93 0.00
ROCHESTER_9_IC 23652	68.36 1.15 0.00	66.10 -0.55 0.00	63.62 -1.19 0.00	57.56 -0.91 0.00	71.17 -0.93 0.00	65.39 -0.79 0.00	68.66 -1.35 0.00	66.96 -1.27 0.00	78.83 -0.52 0.00	56.04 0.74 0.00	90.15 1.75 0.00	99.36 3.35 0.00	100.57 2.97 0.00	104.89 2.89 0.00	120.79 3.58 0.00	128.95 4.26 0.00	164.51 4.83 0.00	164.45 4.34 0.00	48.08 1.12 0.00	63.64 1.41 0.00	75.63 1.63 0.00	80.52 2.05 0.00	98.52 2.21 0.00	90.60 1.73 0.00
ROCKVIEW_13_KV_LD 356306	71.94 3.61 -1.12	72.66 3.01 -3.00	69.11 2.82 -1.48	61.89 2.80 -0.61	75.83 3.27 -0.47	69.13 2.95 0.00	73.20 3.19 0.00	71.47 3.24 0.00	84.06 4.72 0.00	59.33 4.03 0.00	95.05 6.66 0.00	103.36 7.35 0.00	105.33 7.73 0.00	109.52 7.52 0.00	127.50 10.28 0.00	137.23 12.54 0.00	175.08 15.40 0.00	175.26 15.16 0.00	61.26 4.30 -10.01	75.76 5.37 -8.16	97.93 6.09 -17.84	111.92 6.19 -27.26	103.20 6.88 0.00	94.36 5.50 0.00
ROME____115KV_TB2 80656	70.58 3.37 0.00	69.54 2.89 0.00	67.41 2.59 -0.02	60.87 2.37 -0.02	75.62 2.89 -0.64	69.01 2.70 -0.13	72.93 2.86 -0.07	70.87 2.64 0.00	82.83 3.17 -0.31	57.58 2.28 0.00	92.22 3.83 0.00	100.07 4.06 0.00	101.64 4.04 0.00	106.71 4.71 0.00	123.39 6.18 0.00	131.14 6.45 0.00	168.46 8.78 0.00	168.73 8.63 0.00	49.62 2.67 0.00	66.07 3.84 0.00	79.00 5.00 0.00	83.76 5.30 0.00	102.43 6.11 0.00	93.66 4.80 0.00
ROSETON___1 23587	69.55 2.33 0.00	68.57 1.93 0.00	66.71 1.90 0.00	60.44 1.96 0.00	74.41 2.32 0.00	68.23 2.06 0.00	72.18 2.17 0.00	70.45 2.22 0.00	82.59 3.25 0.00	58.06 2.76 0.00	92.88 4.49 0.00	100.95 4.93 0.00	102.83 5.23 0.00	106.87 4.87 0.00	124.14 6.93 0.00	133.32 8.63 0.00	170.33 10.65 0.00	170.58 10.48 0.00	59.62 2.94 -9.73	73.86 3.66 -7.97	95.55 4.13 -17.42	109.30 4.22 -26.62	101.04 4.73 0.00	92.61 3.75 0.00
ROSETON___2 23588	69.55 2.33 0.00	68.57 1.93 0.00	66.71 1.90 0.00	60.44 1.96 0.00	74.41 2.32 0.00	68.23 2.06 0.00	72.18 2.17 0.00	70.45 2.22 0.00	82.59 3.25 0.00	58.06 2.76 0.00	92.88 4.49 0.00	100.95 4.93 0.00	102.83 5.23 0.00	106.87 4.87 0.00	124.14 6.93 0.00	133.32 8.63 0.00	170.33 10.65 0.00	170.58 10.48 0.00	59.62 2.94 -9.73	73.86 3.66 -7.97	95.55 4.13 -17.42	109.30 4.22 -26.62	101.04 4.73 0.00	92.61 3.75 0.00
ROTRRDAM_115KV_TB3 80664	76.02 2.18 -6.64	86.29 1.92 -17.72	75.48 1.93 -8.75	63.98 1.90 -3.60	77.17 2.29 -2.78	68.08 1.90 0.00	71.98 1.97 0.00	70.14 1.91 0.00	81.54 2.20 0.00	56.77 1.48 0.00	90.69 2.30 0.00	98.62 2.61 0.00	100.47 2.87 0.00	104.82 2.82 0.00	121.04 3.83 0.00	129.27 4.59 0.00	165.86 6.18 0.00	166.76 6.66 0.00	156.51 2.05 -107.51	156.80 2.69 -91.88	278.04 3.26 -200.78	388.65 3.40 -306.78	100.17 3.85 0.00	92.05 3.19 0.00
RUSSELL___1 23602	68.83 1.61 0.00	66.55 -0.09 0.00	64.06 -0.75 0.00	57.95 -0.52 0.00	71.63 -0.46 0.00	65.82 -0.36 0.00	69.12 -0.89 0.00	67.45 -0.78 0.00	79.46 0.12 0.00	56.52 1.23 0.00	90.99 2.60 0.00	100.29 4.27 0.00	101.58 3.98 0.00	105.90 3.90 0.00	121.88 4.66 0.00	130.21 5.52 0.00	166.11 6.43 0.00	166.20 6.11 0.00	48.61 1.65 0.00	64.37 2.14 0.00	76.49 2.49 0.00	81.37 2.90 0.00	99.46 3.15 0.00	91.33 2.47 0.00
RUSSELL___2 23532	68.83 1.61 0.00	66.55 -0.09 0.00	64.06 -0.75 0.00	57.95 -0.52 0.00	71.63 -0.46 0.00	65.82 -0.36 0.00	69.12 -0.89 0.00	67.45 -0.78 0.00	79.46 0.12 0.00	56.52 1.23 0.00	90.99 2.60 0.00	100.29 4.27 0.00	101.58 3.98 0.00	105.90 3.90 0.00	121.88 4.66 0.00	130.21 5.52 0.00	166.11 6.43 0.00	166.20 6.11 0.00	48.61 1.65 0.00	64.37 2.14 0.00	76.49 2.49 0.00	81.37 2.90 0.00	99.46 3.15 0.00	91.33 2.47 0.00
RUSSELL___3 23549	68.83 1.61 0.00	66.55 -0.09 0.00	64.06 -0.75 0.00	57.95 -0.52 0.00	71.63 -0.46 0.00	65.82 -0.36 0.00	69.12 -0.89 0.00	67.45 -0.78 0.00	79.46 0.12 0.00	56.52 1.23 0.00	90.99 2.60 0.00	100.29 4.27 0.00	101.58 3.98 0.00	105.90 3.90 0.00	121.88 4.66 0.00	130.21 5.52 0.00	166.11 6.43 0.00	166.20 6.11 0.00	48.61 1.65 0.00	64.37 2.14 0.00	76.49 2.49 0.00	81.37 2.90 0.00	99.46 3.15 0.00	91.33 2.47 0.00
RUSSELL___4 23556	68.83 1.61 0.00	66.55 -0.09 0.00	64.06 -0.75 0.00	57.95 -0.52 0.00	71.63 -0.46 0.00	65.82 -0.36 0.00	69.12 -0.89 0.00	67.45 -0.78 0.00	79.46 0.12 0.00	56.52 1.23 0.00	90.99 2.60 0.00	100.29 4.27 0.00	101.58 3.98 0.00	105.90 3.90 0.00	121.88 4.66 0.00	130.21 5.52 0.00	166.11 6.43 0.00	166.20 6.11 0.00	48.61 1.65 0.00	64.37 2.14 0.00	76.49 2.49 0.00	81.37 2.90 0.00	99.46 3.15 0.00	91.33 2.47 0.00
RUSSELL___STATION 23914	68.83 1.61 0.00	66.55 -0.09 0.00	64.06 -0.75 0.00	57.95 -0.52 0.00	71.63 -0.46 0.00	65.82 -0.36 0.00	69.12 -0.89 0.00	67.45 -0.78 0.00	79.46 0.12 0.00	56.52 1.23 0.00	90.99 2.60 0.00	100.29 4.27 0.00	101.58 3.98 0.00	105.90 3.90 0.00	121.88 4.66 0.00	130.21 5.52 0.00	166.11 6.43 0.00	166.20 6.11 0.00	48.61 1.65 0.00	64.37 2.14 0.00	76.49 2.49 0.00	81.37 2.90 0.00	99.46 3.15 0.00	91.33 2.47 0.00
S SALMON___HYD 24043	67.65 0.43 0.00	66.52 -0.13 0.00	64.52 -0.35 -0.06	58.29 -0.29 -0.10	74.52 -0.36 -2.79	66.39 -0.37 -0.58	69.75 -0.55 -0.30	67.65 -0.58 0.00	80.51 -0.32 -1.49	55.27 -0.02 0.00	88.37 -0.02 0.00	96.17 0.16 0.00	97.65 0.05 0.00	102.14 0.14 0.00	117.62 0.41 0.00	125.32 0.64 0.00	160.41 0.73 0.00	160.29 0.19 0.00	47.20 0.25 0.00	62.98 0.76 0.00	75.51 1.51 0.00	80.23 1.76 0.00	97.75 1.43 0.00	89.29 0.43 0.00
S.PERRY___115KV_TB1 80734	68.69 1.47 0.00	66.05 -0.60 0.00	63.37 -1.45 0.00	57.29 -1.18 0.00	70.81 -1.29 0.00	65.23 -0.95 0.00	68.71 -1.30 0.00	66.82 -1.41 0.00	77.85 -1.49 0.00	54.36 -0.94 0.00	85.52 -2.87 0.00	94.07 -1.95 0.00	95.15 -2.45 0.00	99.30 -2.70 0.00	115.23 -1.99 0.00	125.62 0.93 0.00	161.15 1.47 0.00	162.51 2.41 0.00	47.47 0.52 0.00	61.84 -0.39 0.00	73.35 -0.66 0.00	78.18 -0.29 0.00	94.90 -1.42 0.00	90.90 2.04 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	67.46 0.24 0.00	64.49 -2.16 0.00	61.72 -3.09 0.00	55.92 -2.55 0.00	69.34 -2.76 0.00	63.64 -2.53 0.00	66.35 -3.66 0.00	64.44 -3.79 0.00	76.33 -3.01 0.00	54.72 -0.57 0.00	88.22 -0.17 0.00	97.76 1.74 0.00	98.21 0.61 0.00	102.37 0.38 0.00	118.50 1.29 0.00	126.43 1.74 0.00	161.74 2.06 0.00	161.11 1.01 0.00	46.81 -0.14 0.00	61.71 -0.52 0.00	73.10 -0.90 0.00	78.06 -0.41 0.00	96.23 -0.08 0.00	88.80 -0.06 0.00

SAWYER___23_KV_LOAD 55526	67.46 0.24 0.00	64.49 -2.16 0.00	61.72 -3.09 0.00	55.92 -2.55 0.00	69.34 -2.76 0.00	63.64 -2.53 0.00	66.35 -3.66 0.00	64.44 -3.79 0.00	76.33 -3.01 0.00	54.72 -0.57 0.00	88.22 -0.17 0.00	97.76 1.74 0.00	98.21 0.61 0.00	102.37 0.38 0.00	118.50 1.29 0.00	126.43 1.74 0.00	161.74 2.06 0.00	161.11 1.01 0.00	46.81 -0.14 0.00	61.71 -0.52 0.00	73.10 -0.90 0.00	78.06 -0.41 0.00	96.23 -0.08 0.00	88.80 -0.06 0.00
SELKIRK___I 23801	48.50 0.06 18.78	16.49 0.01 50.17	40.24 0.18 24.75	48.64 0.37 10.20	64.59 0.37 7.87	66.00 -0.17 0.00	70.14 0.13 0.00	68.40 0.17 0.00	79.32 -0.03 0.00	54.23 -0.31 0.76	88.08 -0.31 0.00	95.61 -0.40 0.00	97.28 -0.32 0.00	101.43 -0.57 0.00	117.06 -0.15 0.00	124.94 0.26 0.00	160.27 0.58 0.00	161.06 0.97 0.00	80.86 0.36 -33.54	96.19 0.44 -33.52	147.78 0.53 -73.25	190.88 0.49 -111.93	96.81 0.49 0.00	89.22 0.36 0.00
SELKIRK___II 23799	45.87 0.44 21.79	8.77 0.34 58.22	36.56 0.47 28.72	47.28 0.65 11.84	63.61 0.65 9.14	66.19 0.01 0.00	70.35 0.34 0.00	68.67 0.43 0.00	79.79 0.44 0.00	54.60 0.16 0.85	89.10 0.70 0.00	96.74 0.73 0.00	98.44 0.84 0.00	102.57 0.57 0.00	118.46 1.25 0.00	126.60 1.91 0.00	162.19 2.51 0.00	162.88 2.78 0.00	83.36 0.85 -35.56	99.22 1.01 -35.98	153.77 1.14 -78.63	199.72 1.11 -120.15	97.49 1.17 0.00	89.84 0.99 0.00
SENECA OSWGO___HYD 24041	66.40 -0.82 0.00	65.34 -1.31 0.00	63.43 -1.49 -0.10	57.39 -1.24 -0.15	74.75 -1.57 -4.22	65.59 -1.47 -0.88	68.82 -1.64 -0.45	66.77 -1.46 0.00	80.21 -1.39 -2.26	54.56 -0.73 0.00	87.23 -1.16 0.00	95.19 -0.83 0.00	96.85 -0.75 0.00	101.26 -0.74 0.00	116.98 -0.23 0.00	124.76 0.07 0.00	159.15 -0.53 0.00	159.69 -0.40 0.00	46.86 -0.09 0.00	62.08 -0.15 0.00	73.80 -0.20 0.00	78.37 -0.10 0.00	95.73 -0.58 0.00	87.77 -1.09 0.00
SENECA___115KV_TB3 355854	68.11 0.90 0.00	65.18 -1.46 0.00	62.32 -2.49 0.00	56.48 -1.99 0.00	69.96 -2.13 0.00	64.28 -1.89 0.00	67.11 -2.91 0.00	65.26 -2.97 0.00	77.41 -1.94 0.00	55.51 0.22 0.00	89.48 1.09 0.00	99.04 3.02 0.00	99.51 1.91 0.00	103.80 1.81 0.00	120.40 3.19 0.00	128.54 3.85 0.00	164.41 4.72 0.00	163.85 3.75 0.00	47.54 0.59 0.00	62.66 0.43 0.00	74.14 0.14 0.00	79.09 0.62 0.00	97.31 0.99 0.00	89.53 0.67 0.00
SENECA___ENERGY 23797	68.02 0.81 0.00	66.30 -0.34 0.00	64.06 -0.79 -0.04	57.96 -0.58 -0.06	73.04 -0.75 -1.69	65.97 -0.56 -0.35	69.46 -0.73 -0.18	67.66 -0.57 0.00	80.18 -0.07 -0.91	55.83 0.54 0.00	89.21 0.82 0.00	97.67 1.65 0.00	99.19 1.59 0.00	103.71 1.71 0.00	119.92 2.71 0.00	128.34 3.65 0.00	164.29 4.61 0.00	164.39 4.29 0.00	48.09 1.14 0.00	63.91 1.68 0.00	75.72 1.72 0.00	80.32 1.86 0.00	97.78 1.47 0.00	89.60 0.74 0.00
SHOEMAKER___GT 23640	69.57 2.35 0.00	68.51 1.87 0.00	66.60 1.79 0.00	60.30 1.83 0.00	74.25 2.16 0.00	68.08 1.91 0.00	72.05 2.04 0.00	70.32 2.08 0.00	82.32 2.97 0.00	57.77 2.47 0.00	92.41 4.02 0.00	100.53 4.52 0.00	102.41 4.81 0.00	106.51 4.51 0.00	123.72 6.51 0.00	132.93 8.24 0.00	169.83 10.15 0.00	170.27 10.17 0.00	58.93 2.93 -9.04	73.38 3.72 -7.43	94.48 4.25 -16.24	107.66 4.38 -24.81	101.17 4.85 0.00	92.63 3.77 0.00
SHOEMAKR_138KV_BK 111 55601	69.50 2.28 0.00	68.45 1.80 0.00	66.54 1.73 0.00	60.25 1.77 0.00	74.20 2.10 0.00	68.03 1.86 0.00	71.98 1.97 0.00	70.26 2.03 0.00	82.30 2.95 0.00	57.77 2.48 0.00	92.44 4.05 0.00	100.59 4.58 0.00	102.45 4.85 0.00	106.53 4.53 0.00	123.80 6.58 0.00	133.01 8.32 0.00	169.89 10.21 0.00	170.23 10.14 0.00	58.82 2.89 -8.98	73.27 3.67 -7.38	94.30 4.18 -16.12	107.38 4.29 -24.63	101.06 4.75 0.00	92.54 3.68 0.00
SHOREHAM_IC_1 23715	72.52 4.18 -1.12	74.62 4.97 -3.00	71.42 5.12 -1.48	63.79 4.70 -0.61	78.06 5.49 -0.47	71.55 5.37 0.00	75.32 5.32 0.00	72.37 4.13 0.00	86.26 5.81 -1.10	60.63 4.86 -0.48	160.83 8.44 -64.00	205.12 7.63 -101.48	169.14 8.09 -63.45	178.23 8.06 -68.17	181.15 10.64 -53.30	207.18 12.59 -69.90	274.01 14.95 -99.37	274.57 15.77 -98.69	277.99 4.92 -226.12	288.05 6.22 -219.61	359.26 6.74 -278.53	173.24 6.52 -88.25	109.16 7.43 -5.41	250.93 8.21 -153.86
SHOREHAM_IC_2 23716	72.52 4.18 -1.13	74.62 4.97 -3.00	71.41 5.12 -1.48	63.78 4.70 -0.61	78.06 5.50 -0.47	71.54 5.36 0.00	75.33 5.32 0.00	72.37 4.14 0.00	86.29 5.85 -1.10	60.64 4.87 -0.48	160.83 8.44 -64.00	205.11 7.62 -101.48	169.14 8.09 -63.45	178.23 8.05 -68.17	181.15 10.64 -53.30	207.17 12.59 -69.90	274.03 14.97 -99.37	274.55 15.76 -98.69	277.98 4.91 -226.12	288.04 6.21 -219.61	359.27 6.74 -278.53	173.25 6.54 -88.25	109.17 7.44 -5.41	250.94 8.22 -153.86
SISSONVILLE____ 23735	67.35 0.13 0.00	67.43 0.78 0.00	65.61 0.79 -0.01	58.85 0.36 -0.01	73.14 0.68 -0.36	67.01 0.76 -0.07	70.44 0.39 -0.04	67.78 -0.45 0.00	77.97 -1.56 -0.19	53.92 -1.37 0.00	86.29 -2.10 0.00	92.96 -3.05 0.00	93.66 -3.94 0.00	98.06 -3.94 0.00	111.16 -6.05 0.00	116.90 -7.79 0.00	150.73 -8.95 0.00	151.27 -8.83 0.00	44.40 -2.55 0.00	59.63 -2.59 0.00	71.63 -2.37 0.00	76.53 -1.93 0.00	94.84 -1.48 0.00	88.38 -0.48 0.00
SITHE_IND_GS1 24169	65.54 -1.67 0.00	64.54 -2.11 0.00	62.30 -2.22 0.28	56.13 -1.91 0.44	57.37 -2.41 12.31	61.38 -2.22 2.58	66.25 -2.45 1.31	65.95 -2.29 0.00	70.35 -2.42 6.57	53.85 -1.44 0.00	86.01 -2.38 0.00	93.83 -2.18 0.00	95.41 -2.18 0.00	99.70 -2.30 0.00	114.85 -2.36 0.00	122.34 -2.35 0.00	156.48 -3.20 0.00	156.76 -3.34 0.00	45.97 -0.98 0.00	60.94 -1.28 0.00	72.46 -1.54 0.00	76.93 -1.53 0.00	94.15 -2.17 0.00	86.49 -2.37 0.00
SITHE_IND_GS2 24170	65.54 -1.67 0.00	64.54 -2.11 0.00	62.30 -2.22 0.28	56.13 -1.91 0.44	57.37 -2.41 12.31	61.38 -2.22 2.58	66.25 -2.45 1.31	65.95 -2.29 0.00	70.35 -2.42 6.57	53.85 -1.44 0.00	86.01 -2.38 0.00	93.83 -2.18 0.00	95.41 -2.18 0.00	99.70 -2.30 0.00	114.85 -2.36 0.00	122.34 -2.35 0.00	156.48 -3.20 0.00	156.76 -3.34 0.00	45.97 -0.98 0.00	60.94 -1.28 0.00	72.46 -1.54 0.00	76.93 -1.53 0.00	94.15 -2.17 0.00	86.49 -2.37 0.00
SITHE_IND_GS3 24171	65.54 -1.67 0.00	64.54 -2.11 0.00	62.30 -2.22 0.28	56.13 -1.91 0.44	57.37 -2.41 12.31	61.38 -2.22 2.58	66.25 -2.45 1.31	65.95 -2.29 0.00	70.35 -2.42 6.57	53.85 -1.44 0.00	86.01 -2.38 0.00	93.83 -2.18 0.00	95.41 -2.18 0.00	99.70 -2.30 0.00	114.85 -2.36 0.00	122.34 -2.35 0.00	156.48 -3.20 0.00	156.76 -3.34 0.00	45.97 -0.98 0.00	60.94 -1.28 0.00	72.46 -1.54 0.00	76.93 -1.53 0.00	94.15 -2.17 0.00	86.49 -2.37 0.00
SITHE_IND_GS4 24172	65.54 -1.67 0.00	64.54 -2.11 0.00	62.30 -2.22 0.28	56.13 -1.91 0.44	57.37 -2.41 12.31	61.38 -2.22 2.58	66.25 -2.45 1.31	65.95 -2.29 0.00	70.35 -2.42 6.57	53.85 -1.44 0.00	86.01 -2.38 0.00	93.83 -2.18 0.00	95.41 -2.18 0.00	99.70 -2.30 0.00	114.85 -2.36 0.00	122.34 -2.35 0.00	156.48 -3.20 0.00	156.76 -3.34 0.00	45.97 -0.98 0.00	60.94 -1.28 0.00	72.46 -1.54 0.00	76.93 -1.53 0.00	94.15 -2.17 0.00	86.49 -2.37 0.00

SITHE___BATAVIA 24024	69.65 2.44 0.00	66.67 0.02 0.00	63.88 -0.93 0.00	57.81 -0.66 0.00	71.70 -0.39 0.00	65.93 -0.25 0.00	68.90 -1.10 0.00	67.03 -1.20 0.00	79.09 -0.25 0.00	56.31 1.02 0.00	90.00 1.61 0.00	99.05 3.04 0.00	100.19 2.59 0.00	104.23 2.24 0.00	120.78 3.57 0.00	128.67 3.98 0.00	164.87 5.19 0.00	164.01 3.92 0.00	48.00 1.05 0.00	63.56 1.33 0.00	75.46 1.46 0.00	80.40 1.94 0.00	98.88 2.56 0.00	92.17 3.31 0.00
SITHE___INDEPEND 23800	65.54 -1.67 0.00	64.54 -2.10 0.00	62.31 -2.22 0.28	56.13 -1.91 0.44	57.37 -2.42 12.31	61.37 -2.23 2.58	66.25 -2.45 1.31	65.94 -2.29 0.00	70.34 -2.43 6.57	53.85 -1.44 0.00	86.01 -2.38 0.00	93.83 -2.19 0.00	95.41 -2.18 0.00	99.69 -2.31 0.00	114.86 -2.35 0.00	122.34 -2.34 0.00	156.48 -3.20 0.00	156.76 -3.34 0.00	45.97 -0.98 0.00	60.94 -1.29 0.00	72.46 -1.54 0.00	76.93 -1.54 0.00	94.15 -2.17 0.00	86.49 -2.38 0.00
SITHE___MASSENA 23902	67.06 -0.15 0.00	67.20 0.55 0.00	65.40 0.58 0.00	58.71 0.23 0.00	72.58 0.49 0.00	66.76 0.58 0.00	70.54 0.53 0.00	68.38 0.14 0.00	78.87 -0.48 0.00	54.72 -0.57 0.00	87.61 -0.78 0.00	94.57 -1.45 0.00	95.69 -1.91 0.00	100.18 -1.82 0.00	113.78 -3.43 0.00	119.79 -4.90 0.00	154.24 -5.44 0.00	154.58 -5.52 0.00	45.30 -1.65 0.00	60.45 -1.78 0.00	72.12 -1.88 0.00	76.58 -1.89 0.00	94.74 -1.58 0.00	88.30 -0.57 0.00
SITHE___OGDNSBRG 24021	68.59 1.38 0.00	68.77 2.12 0.00	66.89 2.08 0.00	59.97 1.50 0.00	74.19 2.09 0.00	68.31 2.14 0.00	72.05 2.04 0.00	69.36 1.13 0.00	79.32 -0.02 0.00	54.76 -0.53 0.00	87.64 -0.75 0.00	94.39 -1.63 0.00	95.35 -2.25 0.00	99.82 -2.18 0.00	113.15 -4.06 0.00	118.94 -5.75 0.00	153.28 -6.41 0.00	154.36 -5.74 0.00	45.39 -1.57 0.00	61.33 -0.89 0.00	73.76 -0.24 0.00	78.57 0.10 0.00	97.18 0.87 0.00	90.52 1.66 0.00
SITHE___STERLING 23777	69.76 2.55 0.00	68.72 2.07 0.00	66.65 1.83 -0.02	60.22 1.72 -0.03	74.85 2.05 -0.70	68.24 1.92 -0.15	72.10 2.01 -0.07	70.12 1.89 0.00	82.11 2.43 -0.34	57.07 1.78 0.00	91.44 3.05 0.00	99.18 3.16 0.00	100.70 3.10 0.00	105.54 3.54 0.00	121.88 4.67 0.00	129.61 4.93 0.00	166.27 6.58 0.00	166.76 6.67 0.00	48.96 2.01 0.00	65.05 2.82 0.00	77.65 3.65 0.00	82.37 3.90 0.00	101.10 4.78 0.00	92.59 3.73 0.00
SLEIGHT__34_KV_TB1 80719	67.90 0.68 0.00	65.95 -0.70 0.00	63.66 -1.16 -0.01	57.58 -0.91 -0.02	71.54 -1.07 -0.51	65.41 -0.87 -0.11	68.87 -1.20 -0.06	67.15 -1.08 0.00	78.99 -0.64 -0.28	55.63 0.34 0.00	89.29 0.90 0.00	98.27 2.26 0.00	99.71 2.11 0.00	104.40 2.40 0.00	120.32 3.11 0.00	128.16 3.47 0.00	163.94 4.26 0.00	163.98 3.88 0.00	47.89 0.94 0.00	63.54 1.31 0.00	75.52 1.52 0.00	80.25 1.79 0.00	97.96 1.64 0.00	89.80 0.94 0.00
SMITHTWN_69_KV_BK 1 55830	72.85 4.51 -1.13	74.53 4.88 -3.00	71.05 4.76 -1.48	63.47 4.38 -0.61	77.67 5.10 -0.47	71.18 5.00 0.00	74.88 4.87 0.00	72.69 4.46 0.00	87.04 6.59 -1.10	61.03 5.25 -0.48	193.99 9.10 -96.50	269.96 8.19 -165.76	234.39 8.68 -128.11	249.10 8.75 -138.35	261.02 11.97 -131.84	344.69 14.62 -205.38	440.33 17.24 -263.41	431.42 17.17 -254.15	465.56 5.33 -413.27	458.98 6.80 -389.95	586.65 7.57 -505.09	278.49 7.36 -192.67	113.24 8.52 -8.41	328.98 8.10 -232.02
SOUTH CAIRO___GT 23612	50.38 3.59 20.42	15.39 3.30 54.55	41.01 3.12 26.91	50.29 2.91 11.09	67.01 3.47 8.56	68.59 2.41 0.00	73.14 3.14 0.00	71.49 3.26 0.00	82.71 3.36 0.00	56.26 1.73 0.76	91.22 2.83 0.00	99.12 3.11 0.00	101.03 3.43 0.00	105.56 3.57 0.00	122.38 5.17 0.00	131.45 6.77 0.00	169.94 10.26 0.00	171.90 11.80 0.00	81.66 3.50 -31.21	98.86 4.81 -31.83	149.32 5.78 -69.54	190.64 5.92 -106.26	103.17 6.86 0.00	94.65 5.79 0.00
SOUTH HAMPTN___IC 23720	73.85 5.51 -1.12	75.76 6.11 -3.00	72.41 6.12 -1.48	64.64 5.55 -0.61	79.15 6.59 -0.47	72.67 6.50 0.00	76.63 6.62 0.00	73.85 5.62 0.00	87.82 7.37 -1.10	61.92 6.14 -0.48	160.62 10.73 -61.49	202.39 10.22 -96.15	166.10 10.87 -57.63	174.64 10.78 -61.86	177.12 13.74 -46.17	198.49 16.26 -57.54	263.66 19.70 -84.28	264.83 20.47 -84.26	262.39 6.15 -209.29	273.94 7.69 -204.02	340.47 8.25 -258.22	165.44 8.18 -78.80	110.83 9.33 -5.18	246.32 9.63 -147.83
SOUTHDOW_115KV_TB1 355954	70.00 2.79 0.00	67.09 0.44 0.00	63.99 -0.82 0.00	58.07 -0.40 0.00	71.68 -0.41 0.00	65.76 -0.42 0.00	69.35 -0.66 0.00	68.53 0.30 0.00	81.92 2.58 0.00	58.67 3.38 0.00	94.51 6.12 0.00	102.15 6.13 0.00	102.48 4.88 0.00	106.92 4.92 0.00	124.31 7.10 0.00	133.27 8.59 0.00	167.89 8.20 0.00	166.86 6.76 0.00	47.45 0.49 0.00	62.87 0.64 0.00	75.00 0.99 0.00	80.07 1.60 0.00	99.26 2.95 0.00	90.69 1.83 0.00
SOUTHOLD_69_KV_BK 2 55809	75.36 7.02 -1.13	77.14 7.49 -3.00	73.65 7.36 -1.48	65.67 6.59 -0.61	80.47 7.90 -0.47	74.12 7.95 0.00	78.35 8.34 0.00	75.51 7.28 0.00	87.69 7.24 -1.10	62.38 6.61 -0.48	161.66 11.75 -61.52	203.60 11.35 -96.24	167.59 12.24 -57.75	175.86 11.87 -61.98	178.33 14.80 -46.31	200.05 17.58 -57.79	265.24 20.97 -84.59	266.59 21.92 -84.56	263.02 6.44 -209.62	274.47 7.91 -204.34	340.96 8.33 -258.62	166.83 9.37 -78.99	112.47 10.97 -5.19	247.81 11.03 -147.91
SOUTHOLD___IC 23719	75.36 7.02 -1.12	77.14 7.49 -3.00	73.65 7.36 -1.48	65.67 6.59 -0.61	80.46 7.89 -0.47	74.13 7.95 0.00	78.33 8.32 0.00	75.51 7.28 0.00	87.66 7.21 -1.10	62.37 6.59 -0.48	161.66 11.75 -61.52	203.62 11.37 -96.24	167.58 12.24 -57.75	175.85 11.87 -61.99	178.32 14.80 -46.31	200.05 17.58 -57.79	265.23 20.96 -84.59	266.59 21.93 -84.56	263.01 6.44 -209.62	274.48 7.91 -204.34	340.94 8.32 -258.62	166.82 9.36 -78.99	112.44 10.94 -5.19	247.78 11.00 -147.91
SOUTH_FORK_WT_PWR 323839	75.42 7.09 -1.12	77.24 7.59 -3.00	73.73 7.44 -1.48	65.71 6.63 -0.61	80.55 7.99 -0.47	74.35 8.17 0.00	78.70 8.68 0.00	75.93 7.70 0.00	89.21 8.77 -1.10	63.25 7.48 -0.48	163.11 13.21 -61.50	205.12 12.91 -96.19	169.07 13.78 -57.69	177.07 13.15 -61.92	179.47 16.02 -46.24	201.30 18.96 -57.66	267.15 23.05 -84.42	268.70 24.20 -84.40	263.44 7.04 -209.44	274.83 8.44 -204.17	340.96 8.55 -258.41	166.20 8.85 -78.89	111.57 10.07 -5.18	247.07 10.34 -147.87
SPIERFLS_115KV_TB 1 80737	81.94 4.38 -10.35	98.15 3.86 -27.64	82.07 3.62 -13.64	67.47 3.38 -5.62	80.56 4.13 -4.34	69.60 3.42 0.00	73.25 3.24 0.00	71.36 3.13 0.00	82.80 3.45 0.00	58.51 2.41 -0.81	91.51 3.12 0.00	99.76 3.74 0.00	102.21 4.62 0.00	106.73 4.73 0.00	123.44 6.23 0.00	131.92 7.23 0.00	170.66 10.98 0.00	172.31 12.21 0.00	151.62 4.21 -100.46	152.44 5.19 -85.02	266.14 6.37 -185.78	368.88 6.56 -283.85	103.51 7.20 0.00	94.70 5.83 0.00
ST LAWRENCE____ 23600	66.31 -0.90 0.00	66.43 -0.21 0.00	64.68 -0.13 0.00	58.09 -0.38 0.00	71.79 -0.31 0.00	66.01 -0.17 0.00	69.81 -0.20 0.00	67.80 -0.43 0.00	78.38 -0.96 0.00	54.39 -0.90 0.00	87.09 -1.30 0.00	94.10 -1.92 0.00	95.38 -2.22 0.00	99.86 -2.14 0.00	113.61 -3.60 0.00	120.08 -4.61 0.00	154.42 -5.26 0.00	154.75 -5.35 0.00	45.40 -1.55 0.00	60.31 -1.92 0.00	71.82 -2.18 0.00	76.17 -2.30 0.00	94.10 -2.22 0.00	87.41 -1.45 0.00

STATE_CA_115KV_115_LB 55624	73.85 1.48 -5.16	81.71 1.27 -13.79	72.96 1.34 -6.81	62.68 1.40 -2.80	75.80 1.54 -2.16	66.63 0.45 0.00	71.14 1.13 0.00	69.49 1.26 0.00	80.62 1.28 0.00	54.93 0.73 1.09	90.63 2.24 0.00	98.45 2.44 0.00	100.16 2.56 0.00	104.48 2.49 0.00	120.72 3.51 0.00	129.08 4.40 0.00	165.47 5.79 0.00	166.24 6.14 0.00	115.21 1.84 -66.41	121.31 2.26 -56.82	200.75 2.58 -124.17	270.78 2.60 -189.72	99.26 2.95 0.00	91.41 2.55 0.00
STATE_ST_34_KV_LOAD 55959	68.28 1.06 0.00	66.80 0.16 0.00	64.87 0.01 -0.04	58.76 0.22 -0.07	74.04 -0.01 -1.95	66.76 0.17 -0.41	70.25 0.04 -0.21	68.38 0.15 0.00	80.81 0.42 -1.05	55.95 0.65 0.00	89.11 0.72 0.00	97.73 1.71 0.00	99.14 1.54 0.00	103.69 1.69 0.00	120.11 2.90 0.00	128.07 3.39 0.00	164.13 4.45 0.00	164.53 4.43 0.00	48.14 1.18 0.00	64.01 1.78 0.00	76.03 2.03 0.00	80.62 2.15 0.00	98.19 1.87 0.00	89.90 1.04 0.00
STATION_5_MISC_HYD 23604	68.36 1.15 0.00	66.10 -0.55 0.00	63.62 -1.19 0.00	57.57 -0.90 0.00	71.17 -0.93 0.00	65.38 -0.79 0.00	68.66 -1.35 0.00	66.97 -1.26 0.00	78.90 -0.44 0.00	56.04 0.75 0.00	90.15 1.76 0.00	99.35 3.34 0.00	100.57 2.97 0.00	104.89 2.88 0.00	120.78 3.57 0.00	128.96 4.27 0.00	164.47 4.79 0.00	164.41 4.31 0.00	48.10 1.14 0.00	63.65 1.42 0.00	75.66 1.66 0.00	80.54 2.07 0.00	98.54 2.22 0.00	90.62 1.76 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	68.11 0.90 0.00	66.15 -0.49 0.00	63.75 -1.07 -0.01	57.67 -0.82 -0.02	71.65 -0.91 -0.47	65.54 -0.74 -0.10	68.96 -1.10 -0.05	67.26 -0.97 0.00	79.27 -0.33 -0.26	55.89 0.60 0.00	89.73 1.34 0.00	98.58 2.56 0.00	100.02 2.42 0.00	104.31 2.31 0.00	120.45 3.23 0.00	128.79 4.11 0.00	164.45 4.77 0.00	164.43 4.33 0.00	48.13 1.17 0.00	63.77 1.54 0.00	75.67 1.67 0.00	80.40 1.93 0.00	98.13 1.82 0.00	90.06 1.20 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	68.01 0.79 0.00	65.81 -0.84 0.00	63.35 -1.46 0.00	57.29 -1.19 0.00	70.79 -1.30 0.00	65.05 -1.13 0.00	68.34 -1.67 0.00	66.69 -1.54 0.00	78.48 -0.87 0.00	55.75 0.46 0.00	89.71 1.32 0.00	98.88 2.87 0.00	100.15 2.55 0.00	104.51 2.51 0.00	120.34 3.12 0.00	128.42 3.73 0.00	163.83 4.15 0.00	163.78 3.68 0.00	47.87 0.92 0.00	63.35 1.12 0.00	75.27 1.27 0.00	80.11 1.64 0.00	97.97 1.66 0.00	90.07 1.21 0.00
STA_56___34_KV_BUS2 355983	68.01 0.79 0.00	65.81 -0.84 0.00	63.35 -1.46 0.00	57.29 -1.19 0.00	70.79 -1.30 0.00	65.05 -1.13 0.00	68.34 -1.67 0.00	66.69 -1.54 0.00	78.48 -0.87 0.00	55.75 0.46 0.00	89.71 1.32 0.00	98.88 2.87 0.00	100.15 2.55 0.00	104.51 2.51 0.00	120.34 3.12 0.00	128.42 3.73 0.00	163.83 4.15 0.00	163.78 3.68 0.00	47.87 0.92 0.00	63.35 1.12 0.00	75.27 1.27 0.00	80.11 1.64 0.00	97.97 1.66 0.00	90.07 1.21 0.00
STA_67___115KV_BK2 355882	68.16 0.94 0.00	65.91 -0.74 0.00	63.43 -1.38 0.00	57.40 -1.08 0.00	70.97 -1.13 0.00	65.19 -0.99 0.00	68.45 -1.56 0.00	66.76 -1.48 0.00	78.55 -0.80 0.00	55.82 0.52 0.00	89.79 1.39 0.00	98.95 2.94 0.00	100.14 2.54 0.00	104.44 2.44 0.00	120.30 3.09 0.00	128.42 3.74 0.00	163.84 4.16 0.00	163.69 3.60 0.00	47.87 0.92 0.00	63.34 1.11 0.00	75.30 1.30 0.00	80.17 1.71 0.00	98.15 1.84 0.00	90.28 1.41 0.00
STA_7___115KV_9TRANS 80674	68.83 1.61 0.00	66.55 -0.09 0.00	64.06 -0.75 0.00	57.95 -0.52 0.00	71.63 -0.46 0.00	65.82 -0.36 0.00	69.12 -0.89 0.00	67.45 -0.78 0.00	79.46 0.12 0.00	56.52 1.23 0.00	90.99 2.60 0.00	100.29 4.27 0.00	101.58 3.98 0.00	105.90 3.90 0.00	121.88 4.66 0.00	130.21 5.52 0.00	166.11 6.43 0.00	166.20 6.11 0.00	48.61 1.65 0.00	64.37 2.14 0.00	76.49 2.49 0.00	81.37 2.90 0.00	99.46 3.15 0.00	91.33 2.47 0.00
STA_82___115KV_TB1 80780	68.21 0.99 0.00	65.94 -0.71 0.00	63.46 -1.35 0.00	57.41 -1.06 0.00	70.99 -1.11 0.00	65.20 -0.97 0.00	68.46 -1.55 0.00	66.77 -1.46 0.00	78.57 -0.77 0.00	55.82 0.53 0.00	89.79 1.39 0.00	98.97 2.96 0.00	100.14 2.55 0.00	104.45 2.45 0.00	120.32 3.11 0.00	128.43 3.75 0.00	163.88 4.19 0.00	163.74 3.64 0.00	47.87 0.92 0.00	63.36 1.13 0.00	75.31 1.31 0.00	80.21 1.74 0.00	98.17 1.86 0.00	90.31 1.45 0.00
STEEL___WIND 323596	68.02 0.80 0.00	65.08 -1.56 0.00	62.24 -2.57 0.00	56.41 -2.07 0.00	69.87 -2.22 0.00	64.21 -1.97 0.00	67.01 -3.01 0.00	65.16 -3.08 0.00	77.46 -1.89 0.00	55.46 0.16 0.00	89.35 0.96 0.00	98.86 2.85 0.00	99.32 1.72 0.00	103.58 1.58 0.00	120.14 2.93 0.00	128.29 3.61 0.00	163.97 4.28 0.00	163.39 3.29 0.00	47.46 0.51 0.00	62.52 0.29 0.00	73.99 -0.01 0.00	78.97 0.51 0.00	97.17 0.85 0.00	89.41 0.55 0.00
STEPHTWN_115KV_BK_2 55603	30.53 1.38 38.07	-33.88 1.18 101.70	15.74 1.11 50.18	38.98 1.19 20.68	57.45 1.32 15.96	66.45 0.27 0.00	71.07 1.06 0.00	69.46 1.23 0.00	80.56 1.21 0.00	54.67 0.65 1.28	90.68 2.29 0.00	98.41 2.39 0.00	100.35 2.76 0.00	104.44 2.44 0.00	120.53 3.32 0.00	129.14 4.45 0.00	165.73 6.05 0.00	166.87 6.78 0.00	90.95 2.05 -41.94	110.08 2.55 -45.30	175.85 2.87 -98.97	232.51 2.82 -151.23	99.40 3.09 0.00	91.48 2.61 0.00
STEBEN_REC_LFGE 323667	68.33 1.11 0.00	65.92 -0.72 0.00	63.14 -1.69 -0.02	57.12 -1.38 -0.02	71.22 -1.56 -0.68	65.10 -1.22 -0.14	68.73 -1.35 -0.07	67.05 -1.18 0.00	79.61 -0.11 -0.37	56.34 1.05 0.00	90.16 1.77 0.00	98.67 2.65 0.00	99.57 1.97 0.00	103.72 1.72 0.00	121.12 3.91 0.00	130.66 5.98 0.00	166.15 6.47 0.00	166.96 6.86 0.00	51.20 1.64 -2.61	65.80 1.32 -2.26	79.87 0.93 -4.93	87.14 1.13 -7.54	97.04 0.72 0.00	88.89 0.04 0.00
STILLWATER___SOLAR 323814	83.32 3.90 -12.21	102.81 3.54 -32.62	84.37 3.46 -16.09	68.34 3.23 -6.63	81.15 3.93 -5.12	69.39 3.22 0.00	73.33 3.32 0.00	71.44 3.21 0.00	82.96 3.62 0.00	58.91 2.44 -1.18	92.14 3.75 0.00	100.20 4.18 0.00	102.37 4.78 0.00	106.82 4.83 0.00	123.51 6.30 0.00	131.98 7.30 0.00	169.97 10.29 0.00	171.37 11.27 0.00	147.50 3.62 -96.92	148.45 4.65 -81.58	257.87 5.62 -178.25	356.65 5.82 -272.36	102.83 6.52 0.00	94.34 5.48 0.00
STONY___BROOK 24151	72.72 4.38 -1.12	74.43 4.78 -3.00	70.98 4.68 -1.48	63.40 4.32 -0.61	77.59 5.02 -0.47	71.09 4.91 0.00	74.80 4.79 0.00	72.58 4.35 0.00	86.80 6.35 -1.10	60.91 5.13 -0.48	174.83 8.86 -77.58	232.49 7.80 -128.67	197.10 8.24 -91.26	208.60 8.24 -98.36	215.65 11.32 -87.13	266.84 13.86 -128.29	346.25 16.36 -170.21	342.36 16.30 -165.96	358.59 5.07 -306.57	361.79 6.45 -293.11	457.06 7.18 -375.88	218.62 6.98 -133.18	111.16 8.19 -6.66	283.22 7.87 -186.49
STURGEON_POOL_HYD 23609	66.68 3.17 3.71	59.46 2.71 9.90	62.53 2.60 4.89	59.04 2.58 2.01	73.63 3.09 1.55	68.98 2.81 0.00	72.92 2.91 0.00	71.29 3.06 0.00	83.79 4.45 0.00	58.76 3.63 0.16	94.21 5.81 0.00	102.47 6.46 0.00	104.41 6.81 0.00	108.58 6.58 0.00	126.12 8.90 0.00	135.39 10.70 0.00	172.91 13.22 0.00	173.22 13.12 0.00	64.61 3.70 -13.95	79.65 4.62 -12.80	107.19 5.22 -27.97	126.53 5.33 -42.74	102.47 6.16 0.00	93.76 4.90 0.00

ST_LAW_115_BK7_LBMP 345037	66.25 -0.96 0.00	66.44 -0.20 0.00	64.71 -0.10 0.00	58.09 -0.38 0.00	71.80 -0.30 0.00	66.02 -0.16 0.00	69.84 -0.17 0.00	67.79 -0.44 0.00	78.29 -1.05 0.00	54.31 -0.98 0.00	86.95 -1.44 0.00	93.92 -2.09 0.00	95.15 -2.45 0.00	99.62 -2.38 0.00	113.23 -3.98 0.00	119.57 -5.12 0.00	153.83 -5.85 0.00	154.14 -5.96 0.00	45.23 -1.72 0.00	60.11 -2.11 0.00	71.62 -2.38 0.00	75.97 -2.49 0.00	93.92 -2.40 0.00	87.33 -1.53 0.00
ST_LAW_115_BK8_LBMP 345038	66.25 -0.96 0.00	66.44 -0.20 0.00	64.71 -0.10 0.00	58.09 -0.38 0.00	71.80 -0.30 0.00	66.02 -0.16 0.00	69.84 -0.17 0.00	67.79 -0.44 0.00	78.29 -1.05 0.00	54.31 -0.98 0.00	86.95 -1.44 0.00	93.92 -2.09 0.00	95.15 -2.45 0.00	99.62 -2.38 0.00	113.23 -3.98 0.00	119.57 -5.12 0.00	153.83 -5.85 0.00	154.14 -5.96 0.00	45.23 -1.72 0.00	60.11 -2.11 0.00	71.62 -2.38 0.00	75.97 -2.49 0.00	93.92 -2.40 0.00	87.33 -1.53 0.00
ST_LAW_230_BK5_LBMP 345035	66.31 -0.90 0.00	66.43 -0.21 0.00	64.68 -0.13 0.00	58.09 -0.38 0.00	71.79 -0.31 0.00	66.01 -0.17 0.00	69.81 -0.20 0.00	67.80 -0.43 0.00	78.38 -0.96 0.00	54.39 -0.90 0.00	87.09 -1.30 0.00	94.10 -1.92 0.00	95.38 -2.22 0.00	99.86 -2.14 0.00	113.61 -3.60 0.00	120.08 -4.61 0.00	154.42 -5.26 0.00	154.75 -5.35 0.00	45.40 -1.55 0.00	60.31 -1.92 0.00	71.82 -2.18 0.00	76.17 -2.30 0.00	94.10 -2.22 0.00	87.41 -1.45 0.00
ST_LAW_230_BK6_LBMP 345036	66.31 -0.90 0.00	66.43 -0.21 0.00	64.68 -0.13 0.00	58.09 -0.38 0.00	71.79 -0.31 0.00	66.01 -0.17 0.00	69.81 -0.20 0.00	67.80 -0.43 0.00	78.38 -0.96 0.00	54.39 -0.90 0.00	87.09 -1.30 0.00	94.10 -1.92 0.00	95.38 -2.22 0.00	99.86 -2.14 0.00	113.61 -3.60 0.00	120.08 -4.61 0.00	154.42 -5.26 0.00	154.75 -5.35 0.00	45.40 -1.55 0.00	60.31 -1.92 0.00	71.82 -2.18 0.00	76.17 -2.30 0.00	94.10 -2.22 0.00	87.41 -1.45 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	69.71 2.50 0.00	68.60 1.96 0.00	66.69 1.87 0.00	60.38 1.91 0.00	74.35 2.25 0.00	68.20 2.02 0.00	72.15 2.14 0.00	70.42 2.19 0.00	82.63 3.28 0.00	58.16 2.86 0.00	93.13 4.73 0.00	101.42 5.41 0.00	103.26 5.67 0.00	107.37 5.37 0.00	124.91 7.70 0.00	134.31 9.62 0.00	171.48 11.80 0.00	171.74 11.63 0.00	59.49 3.26 -9.27	73.91 4.07 -7.61	95.22 4.59 -16.63	108.57 4.70 -25.41	101.51 5.19 0.00	92.87 4.01 0.00
SWANROAD_115KV_TB1 355699	66.51 -0.70 0.00	63.51 -3.14 0.00	60.76 -4.05 0.00	55.08 -3.39 0.00	68.53 -3.57 0.00	62.92 -3.26 0.00	65.30 -4.71 0.00	63.28 -4.96 0.00	74.82 -4.52 0.00	53.76 -1.53 0.00	86.60 -1.79 0.00	96.05 0.03 0.00	96.35 -1.25 0.00	100.35 -1.65 0.00	115.88 -1.33 0.00	123.58 -1.10 0.00	158.19 -1.49 0.00	157.65 -2.45 0.00	45.90 -1.05 0.00	60.45 -1.78 0.00	71.61 -2.39 0.00	76.60 -1.87 0.00	94.73 -1.58 0.00	87.70 -1.16 0.00
SYNERGY___BIOGAS 323694	69.65 2.44 0.00	66.67 0.02 0.00	63.89 -0.93 0.00	57.82 -0.66 0.00	71.71 -0.39 0.00	65.93 -0.25 0.00	68.91 -1.10 0.00	67.02 -1.21 0.00	78.98 -0.36 0.00	56.31 1.02 0.00	90.01 1.62 0.00	99.07 3.05 0.00	100.19 2.59 0.00	104.23 2.23 0.00	120.78 3.57 0.00	128.63 3.94 0.00	164.97 5.29 0.00	164.04 3.94 0.00	47.99 1.03 0.00	63.55 1.32 0.00	75.42 1.42 0.00	80.39 1.92 0.00	98.89 2.57 0.00	92.15 3.29 0.00
SYRACUSE___ENERGY_ST1 323597	67.03 -0.18 0.00	66.23 -0.42 0.00	64.36 -0.51 -0.05	58.22 -0.34 -0.08	73.86 -0.55 -2.32	65.96 -0.70 -0.48	69.18 -1.07 -0.25	67.32 -0.91 0.00	79.82 -0.77 -1.25	55.00 -0.29 0.00	88.07 -0.32 0.00	96.19 0.17 0.00	97.82 0.22 0.00	102.29 0.29 0.00	118.13 0.92 0.00	126.09 1.41 0.00	161.23 1.55 0.00	161.43 1.34 0.00	47.30 0.35 0.00	62.74 0.51 0.00	74.54 0.54 0.00	79.08 0.61 0.00	96.54 0.23 0.00	88.53 -0.33 0.00
SYRACUSE___ENERGY_ST2 323598	67.03 -0.18 0.00	66.23 -0.42 0.00	64.36 -0.51 -0.05	58.22 -0.34 -0.08	73.86 -0.55 -2.32	65.96 -0.70 -0.48	69.18 -1.07 -0.25	67.32 -0.91 0.00	79.82 -0.77 -1.25	55.00 -0.29 0.00	88.07 -0.32 0.00	96.19 0.17 0.00	97.82 0.22 0.00	102.29 0.29 0.00	118.13 0.92 0.00	126.09 1.41 0.00	161.23 1.55 0.00	161.43 1.34 0.00	47.30 0.35 0.00	62.74 0.51 0.00	74.54 0.54 0.00	79.08 0.61 0.00	96.54 0.23 0.00	88.53 -0.33 0.00
SYRACUSE___POWER 24017	67.33 0.12 0.00	66.28 -0.36 0.00	64.28 -0.57 -0.04	58.15 -0.38 -0.05	73.09 -0.55 -1.54	65.94 -0.56 -0.32	69.45 -0.73 -0.16	67.66 -0.57 0.00	79.78 -0.41 -0.84	55.26 -0.04 0.00	88.70 0.30 0.00	96.86 0.84 0.00	98.55 0.95 0.00	102.99 0.99 0.00	119.02 1.80 0.00	127.18 2.50 0.00	162.56 2.88 0.00	162.72 2.63 0.00	47.66 0.71 0.00	63.21 0.98 0.00	75.10 1.10 0.00	79.67 1.20 0.00	97.30 0.98 0.00	89.16 0.30 0.00
TALLMAN_138KV_BK151 55660	69.89 2.67 0.00	68.68 2.03 0.00	66.73 1.92 0.00	60.43 1.96 0.00	74.41 2.31 0.00	68.24 2.07 0.00	72.23 2.22 0.00	70.48 2.25 0.00	82.85 3.50 0.00	58.43 3.14 0.00	93.63 5.24 0.00	102.00 5.98 0.00	103.84 6.24 0.00	107.93 5.93 0.00	125.79 8.58 0.00	135.52 10.84 0.00	172.81 13.12 0.00	172.94 12.84 0.00	60.07 3.55 -9.57	74.48 4.41 -7.83	96.07 4.96 -17.12	109.72 5.09 -26.15	101.91 5.59 0.00	93.12 4.26 0.00
TEALLAVE_115KV_TB7 355573	66.99 -0.22 0.00	65.87 -0.77 0.00	63.86 -0.98 -0.03	57.76 -0.76 -0.05	72.40 -0.98 -1.28	65.51 -0.93 -0.27	69.05 -1.10 -0.14	67.30 -0.93 0.00	79.33 -0.71 -0.69	55.13 -0.16 0.00	88.34 -0.05 0.00	96.46 0.45 0.00	98.11 0.52 0.00	102.57 0.57 0.00	118.43 1.22 0.00	126.37 1.69 0.00	161.70 2.02 0.00	161.73 1.63 0.00	47.36 0.41 0.00	62.79 0.56 0.00	74.61 0.61 0.00	79.18 0.71 0.00	96.73 0.41 0.00	88.65 -0.21 0.00
TELGRAPH_34_KV_EAST 80808	67.83 0.62 0.00	64.87 -1.77 0.00	62.11 -2.70 0.00	56.26 -2.21 0.00	69.85 -2.24 0.00	64.17 -2.01 0.00	66.83 -3.18 0.00	64.92 -3.31 0.00	76.71 -2.63 0.00	54.93 -0.36 0.00	88.41 0.01 0.00	97.91 1.89 0.00	98.45 0.85 0.00	102.54 0.55 0.00	118.58 1.37 0.00	126.50 1.81 0.00	161.90 2.22 0.00	161.54 1.44 0.00	47.11 0.15 0.00	62.15 -0.08 0.00	73.66 -0.34 0.00	78.66 0.19 0.00	96.91 0.60 0.00	89.64 0.78 0.00
TEMPLE___115KV_TB 2 55572	67.04 -0.18 0.00	65.90 -0.75 0.00	63.89 -0.95 -0.03	57.79 -0.73 -0.05	72.44 -0.94 -1.28	65.54 -0.90 -0.27	69.07 -1.07 -0.14	67.35 -0.88 0.00	79.39 -0.64 -0.69	55.17 -0.13 0.00	88.42 0.03 0.00	96.56 0.54 0.00	98.22 0.61 0.00	102.66 0.66 0.00	118.55 1.34 0.00	126.53 1.84 0.00	161.86 2.18 0.00	161.89 1.79 0.00	47.41 0.45 0.00	62.85 0.63 0.00	74.67 0.67 0.00	79.22 0.75 0.00	96.77 0.46 0.00	88.73 -0.14 0.00
TIANA___69_KV_BK 1 55817	73.54 5.20 -1.13	75.46 5.81 -3.00	72.13 5.83 -1.48	64.39 5.30 -0.61	78.84 6.28 -0.47	72.34 6.16 0.00	76.23 6.22 0.00	73.46 5.23 0.00	87.49 7.04 -1.10	61.61 5.84 -0.48	160.06 10.16 -61.51	201.83 9.59 -96.22	165.54 10.21 -57.73	174.13 10.17 -61.96	176.61 13.11 -46.29	197.99 15.56 -57.74	263.00 18.79 -84.53	264.10 19.49 -84.51	262.43 5.92 -209.56	273.94 7.43 -204.28	340.60 8.05 -258.55	165.37 7.95 -78.96	110.57 9.07 -5.19	246.12 9.36 -147.90

TILDEN___115KV_TB1 80814	67.33 0.12 0.00	66.28 -0.36 0.00	64.28 -0.57 -0.04	58.15 -0.38 -0.05	73.09 -0.55 -1.54	65.94 -0.56 -0.32	69.45 -0.73 -0.16	67.66 -0.57 0.00	79.78 -0.41 -0.84	55.26 -0.04 0.00	88.70 0.30 0.00	96.86 0.84 0.00	98.55 0.95 0.00	102.99 0.99 0.00	119.02 1.80 0.00	127.18 2.50 0.00	162.56 2.88 0.00	162.72 2.63 0.00	47.66 0.71 0.00	63.21 0.98 0.00	75.10 1.10 0.00	79.67 1.20 0.00	97.30 0.98 0.00	89.16 0.30 0.00
TRIGEN___CC 323695	71.91 3.57 -1.13	73.05 3.41 -3.00	69.60 3.31 -1.48	62.22 3.14 -0.61	76.27 3.70 -0.47	69.65 3.47 0.00	73.42 3.41 0.00	71.63 3.39 0.00	85.47 5.03 -1.10	59.92 4.15 -0.48	95.91 6.90 -0.61	103.14 6.85 -0.27	105.60 7.36 -0.64	109.32 7.32 0.00	128.17 10.17 -0.79	141.31 12.48 -4.14	199.18 15.14 -24.36	222.31 15.04 -47.16	165.69 4.45 -114.29	144.05 5.59 -76.24	103.95 6.17 -23.78	111.84 6.10 -27.27	103.13 6.81 0.00	98.64 5.97 -3.81
TRINITY___115KV___4 BK 55933	61.78 1.14 6.57	50.05 0.96 17.55	57.19 1.04 8.66	56.04 1.14 3.57	70.56 1.22 2.75	66.23 0.05 0.00	70.72 0.71 0.00	69.06 0.83 0.00	80.08 0.73 0.00	54.36 0.31 1.25	90.05 1.66 0.00	97.79 1.77 0.00	99.47 1.87 0.00	103.70 1.70 0.00	119.79 2.58 0.00	128.09 3.40 0.00	164.10 4.42 0.00	164.88 4.79 0.00	100.49 1.46 -52.08	111.03 1.77 -47.03	178.78 2.00 -102.78	237.53 2.02 -157.04	98.58 2.27 0.00	90.84 1.98 0.00
UNION___PROCESSING_DRP 323587	68.21 0.99 0.00	65.95 -0.70 0.00	63.48 -1.33 0.00	57.43 -1.04 0.00	71.00 -1.09 0.00	65.23 -0.95 0.00	68.48 -1.53 0.00	66.78 -1.45 0.00	78.60 -0.75 0.00	55.83 0.54 0.00	89.82 1.42 0.00	98.99 2.97 0.00	100.17 2.57 0.00	104.51 2.51 0.00	120.35 3.14 0.00	128.49 3.81 0.00	163.93 4.25 0.00	163.82 3.72 0.00	47.90 0.94 0.00	63.39 1.16 0.00	75.34 1.34 0.00	80.21 1.75 0.00	98.21 1.90 0.00	90.34 1.47 0.00
UPPER HUDSON___HYD 24058	81.94 4.37 -10.35	98.15 3.86 -27.64	82.07 3.61 -13.64	67.47 3.38 -5.62	80.56 4.13 -4.34	69.60 3.42 0.00	73.25 3.24 0.00	71.36 3.13 0.00	82.79 3.45 0.00	58.51 2.41 -0.81	91.51 3.12 0.00	99.76 3.74 0.00	102.21 4.62 0.00	106.73 4.73 0.00	123.44 6.23 0.00	131.90 7.22 0.00	170.66 10.98 0.00	172.31 12.21 0.00	151.62 4.21 -100.46	152.44 5.19 -85.02	266.14 6.37 -185.78	368.88 6.56 -283.85	103.51 7.20 0.00	94.70 5.83 0.00
UPPER RAQUET___HYD 24056	67.35 0.13 0.00	67.43 0.78 0.00	65.61 0.79 -0.01	58.85 0.36 -0.01	73.13 0.68 -0.36	67.01 0.76 -0.07	70.44 0.39 -0.04	67.78 -0.45 0.00	77.97 -1.56 -0.19	53.92 -1.38 0.00	86.29 -2.10 0.00	92.97 -3.04 0.00	93.66 -3.94 0.00	98.06 -3.94 0.00	111.17 -6.04 0.00	116.90 -7.79 0.00	150.73 -8.95 0.00	151.27 -8.83 0.00	44.40 -2.55 0.00	59.63 -2.60 0.00	71.63 -2.37 0.00	76.53 -1.93 0.00	94.84 -1.48 0.00	88.38 -0.48 0.00
VALLEY44_115KV_TB2 355964	67.46 0.24 0.00	65.04 -1.60 0.00	62.44 -2.38 0.00	56.74 -1.74 0.00	70.20 -1.90 0.00	64.55 -1.63 0.00	67.76 -2.25 0.00	66.01 -2.22 0.00	78.23 -1.11 0.00	55.72 0.43 0.00	89.18 0.78 0.00	97.59 1.58 0.00	97.90 0.30 0.00	101.79 -0.21 0.00	118.50 1.29 0.00	126.85 2.17 0.00	161.27 1.59 0.00	161.05 0.96 0.00	46.64 -0.31 0.00	61.86 -0.37 0.00	73.28 -0.72 0.00	78.29 -0.18 0.00	96.42 0.11 0.00	88.26 -0.60 0.00
VALLEY___115KV_TB 1-4 80826	68.97 1.75 0.00	68.06 1.42 0.00	66.22 1.41 0.00	59.96 1.49 0.00	73.77 1.67 0.00	67.67 1.50 0.00	71.57 1.57 0.00	69.44 1.21 0.00	80.60 1.25 0.00	56.02 0.72 0.00	89.26 0.87 0.00	97.23 1.22 0.00	99.35 1.75 0.00	103.69 1.69 0.00	120.02 2.81 0.00	128.30 3.61 0.00	165.00 5.31 0.00	166.61 6.51 0.00	49.00 2.04 0.00	65.04 2.81 0.00	77.43 3.43 0.00	82.01 3.54 0.00	100.21 3.90 0.00	91.69 2.83 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	70.02 2.80 0.00	68.98 2.33 0.00	67.14 2.32 -0.01	60.82 2.33 -0.02	75.42 2.88 -0.45	68.85 2.58 -0.09	72.71 2.66 -0.05	70.99 2.76 0.00	83.21 3.62 -0.24	57.92 2.63 0.00	92.87 4.48 0.00	101.22 5.20 0.00	102.88 5.28 0.00	107.24 5.24 0.00	124.11 6.89 0.00	132.73 8.04 0.00	169.57 9.89 0.00	170.23 10.13 0.00	63.38 2.94 -13.49	77.76 3.86 -11.67	103.92 4.41 -25.51	122.08 4.65 -38.97	101.57 5.25 0.00	92.96 4.10 0.00
VISCHER___FERRY HYD 24020	88.27 2.76 -18.29	118.04 2.52 -48.87	91.44 2.52 -24.11	70.88 2.47 -9.94	82.69 2.92 -7.67	68.24 2.06 0.00	72.35 2.34 0.00	70.54 2.31 0.00	81.95 2.60 0.00	59.41 1.75 -2.37	91.49 3.10 0.00	99.45 3.44 0.00	101.47 3.87 0.00	105.78 3.77 0.00	122.23 5.02 0.00	130.52 5.83 0.00	167.39 7.71 0.00	168.35 8.25 0.00	134.23 2.61 -84.66	135.26 3.33 -69.70	230.26 3.95 -152.30	315.34 4.16 -232.71	100.96 4.65 0.00	92.86 4.00 0.00
V_A_10_SYNC_DSASP 323832	67.07 -0.14 0.00	64.43 -2.21 0.00	61.86 -2.95 0.00	56.04 -2.43 0.00	69.45 -2.64 0.00	63.76 -2.42 0.00	66.61 -3.40 0.00	64.81 -3.42 0.00	76.48 -2.87 0.00	54.60 -0.69 0.00	87.87 -0.52 0.00	97.09 1.08 0.00	97.75 0.15 0.00	101.87 -0.12 0.00	117.63 0.42 0.00	125.41 0.73 0.00	159.52 -0.16 0.00	158.89 -1.21 0.00	46.30 -0.65 0.00	61.18 -1.05 0.00	72.85 -1.15 0.00	77.89 -0.58 0.00	95.90 -0.41 0.00	88.53 -0.34 0.00
V_CMM_10_SYNC_DSASP 323787	66.37 -0.85 0.00	66.78 0.13 0.00	65.04 0.23 0.00	58.39 -0.09 0.00	72.17 0.08 0.00	66.39 0.21 0.00	70.20 0.19 0.00	68.13 -0.10 0.00	78.72 -0.63 0.00	54.46 -0.84 0.00	87.45 -0.94 0.00	94.44 -1.57 0.00	95.64 -1.96 0.00	99.88 -2.12 0.00	113.46 -3.75 0.00	119.70 -4.99 0.00	153.99 -5.70 0.00	154.30 -5.80 0.00	45.28 -1.67 0.00	60.18 -2.05 0.00	71.70 -2.30 0.00	76.07 -2.40 0.00	94.04 -2.28 0.00	87.50 -1.36 0.00
V_CMP_10_SYNC_DSASP 323788	66.82 -0.39 0.00	66.83 0.18 0.00	65.24 0.43 0.00	58.64 0.16 0.00	72.61 0.52 0.00	66.70 0.52 0.00	70.21 0.20 0.00	68.01 -0.22 0.00	78.67 -0.67 0.00	54.96 -0.33 0.00	87.52 -0.88 0.00	94.90 -1.11 0.00	96.48 -1.12 0.00	100.59 -1.41 0.00	114.57 -2.64 0.00	121.08 -3.60 0.00	155.80 -3.89 0.00	156.57 -3.52 0.00	46.12 -0.83 0.00	61.28 -0.94 0.00	72.87 -1.14 0.00	77.15 -1.32 0.00	94.88 -1.44 0.00	87.63 -1.23 0.00
V_D_10_SYNC_DSASP 323841	67.05 -0.16 0.00	67.18 0.54 0.00	65.40 0.58 0.00	58.70 0.23 0.00	72.58 0.49 0.00	66.73 0.55 0.00	70.53 0.52 0.00	68.38 0.14 0.00	78.88 -0.47 0.00	54.73 -0.57 0.00	87.62 -0.78 0.00	94.57 -1.45 0.00	95.71 -1.88 0.00	100.18 -1.82 0.00	113.80 -3.41 0.00	119.82 -4.87 0.00	154.32 -5.37 0.00	154.70 -5.40 0.00	45.34 -1.62 0.00	60.47 -1.76 0.00	72.13 -1.87 0.00	76.58 -1.88 0.00	94.75 -1.56 0.00	88.30 -0.57 0.00
V_E_10_SYNC_DSASP 323830	73.07 5.85 0.00	71.61 4.97 0.00	69.31 4.48 -0.02	62.71 4.20 -0.03	78.17 5.12 -0.96	71.26 4.88 -0.20	75.22 5.10 -0.10	73.22 4.99 0.00	85.87 6.00 -0.52	59.78 4.48 0.00	95.63 7.24 0.00	104.61 8.59 0.00	106.28 8.68 0.00	111.03 9.03 0.00	128.84 11.63 0.00	137.63 12.95 0.00	175.41 15.72 0.00	177.39 17.29 0.00	58.62 5.47 -6.19	74.88 7.29 -5.36	93.81 8.09 -11.72	104.75 8.38 -17.90	104.81 8.49 0.00	95.49 6.63 0.00

V_F_30_NSYNC___DSASP 323816	82.58 3.99 -11.38	100.66 3.62 -30.39	83.33 3.52 -14.99	67.93 3.28 -6.18	80.86 3.99 -4.77	69.50 3.32 0.00	73.44 3.43 0.00	71.57 3.33 0.00	83.15 3.80 0.00	58.90 2.60 -1.01	92.41 4.02 0.00	100.55 4.54 0.00	102.66 5.06 0.00	107.17 5.17 0.00	123.90 6.69 0.00	132.39 7.71 0.00	170.45 10.76 0.00	171.79 11.69 0.00	149.17 3.71 -98.51	150.13 4.78 -83.12	261.39 5.77 -181.62	361.94 5.96 -277.50	103.02 6.70 0.00	94.51 5.65 0.00
V_F_30_SYNC_DSASP 323786	72.88 1.48 -4.19	79.10 1.27 -11.18	71.66 1.33 -5.52	62.13 1.39 -2.27	75.37 1.52 -1.76	66.63 0.45 0.00	71.14 1.13 0.00	69.49 1.26 0.00	80.61 1.27 0.00	54.91 0.72 1.10	90.62 2.23 0.00	98.44 2.43 0.00	100.16 2.56 0.00	104.48 2.49 0.00	120.72 3.51 0.00	129.08 4.40 0.00	165.46 5.78 0.00	166.21 6.11 0.00	114.03 1.83 -65.24	120.51 2.26 -56.03	199.00 2.58 -122.42	268.11 2.59 -187.05	99.26 2.95 0.00	91.41 2.54 0.00
V_XM_10_SYNC_DSASP 323789	66.82 -0.39 0.00	66.83 0.18 0.00	65.24 0.43 0.00	58.64 0.16 0.00	72.61 0.52 0.00	66.70 0.52 0.00	70.21 0.20 0.00	68.01 -0.22 0.00	78.67 -0.67 0.00	54.96 -0.33 0.00	87.52 -0.88 0.00	94.90 -1.11 0.00	96.48 -1.12 0.00	100.59 -1.41 0.00	114.57 -2.64 0.00	121.08 -3.60 0.00	155.80 -3.89 0.00	156.57 -3.52 0.00	46.12 -0.83 0.00	61.28 -0.94 0.00	72.87 -1.14 0.00	77.15 -1.32 0.00	94.88 -1.44 0.00	87.63 -1.23 0.00
W.BABYLN_69_KV_BK1 56697	73.18 4.84 -1.13	74.64 4.99 -3.00	71.09 4.80 -1.48	63.52 4.43 -0.61	77.79 5.22 -0.47	71.15 4.98 0.00	74.88 4.87 0.00	72.96 4.73 0.00	87.35 6.90 -1.10	61.15 5.38 -0.48	107.32 9.10 -9.83	119.51 8.58 -14.90	113.98 9.12 -7.26	118.38 9.19 -7.19	133.50 12.48 -3.81	143.86 15.16 -4.02	199.19 18.43 -21.08	205.88 18.35 -27.43	139.77 5.57 -87.25	141.34 7.15 -71.96	143.14 7.95 -61.18	116.58 7.85 -30.27	105.98 9.04 -0.63	121.95 8.37 -24.71
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	70.16 2.94 0.00	68.94 2.30 0.00	66.97 2.16 0.00	60.66 2.19 0.00	74.69 2.60 0.00	68.50 2.32 0.00	72.51 2.50 0.00	70.78 2.55 0.00	83.21 3.87 0.00	58.69 3.40 0.00	94.05 5.65 0.00	102.44 6.42 0.00	104.32 6.72 0.00	108.44 6.44 0.00	126.39 9.18 0.00	136.10 11.42 0.00	173.59 13.90 0.00	173.71 13.61 0.00	60.40 3.79 -9.66	74.86 4.74 -7.90	96.59 5.33 -17.27	110.30 5.45 -26.38	102.31 6.00 0.00	93.50 4.64 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	71.58 3.24 -1.12	72.18 2.54 -3.00	68.71 2.41 -1.48	61.52 2.44 -0.61	75.51 2.94 -0.47	68.82 2.65 0.00	72.94 2.93 0.00	71.21 2.98 0.00	83.81 4.47 0.00	59.24 3.95 0.00	94.68 6.29 0.00	103.05 7.03 0.00	104.95 7.35 0.00	109.17 7.17 0.00	127.17 9.96 0.00	136.82 12.13 0.00	174.50 14.82 0.00	174.62 14.52 0.00	61.03 4.07 -10.01	75.40 5.01 -8.16	97.52 5.68 -17.84	111.46 5.74 -27.26	102.61 6.29 0.00	93.79 4.93 0.00
W50THST__13_KV_LOAD 356117	71.93 3.59 -1.12	72.51 2.86 -3.00	69.01 2.72 -1.48	61.84 2.75 -0.61	75.89 3.32 -0.47	69.18 3.00 0.00	73.36 3.35 0.00	71.70 3.47 0.00	84.44 5.09 0.00	59.76 4.47 0.00	95.51 7.12 0.00	103.96 7.94 0.00	105.90 8.30 0.00	110.15 8.16 0.00	128.34 11.13 0.00	138.04 13.35 0.00	176.01 16.33 0.00	176.04 15.95 0.00	61.41 4.45 -10.01	76.64 5.46 -8.95	98.01 6.16 -17.84	111.97 6.24 -27.26	103.17 6.86 0.00	94.29 5.42 0.00
WADING RIVER_IC_1 23522	72.52 4.18 -1.12	74.65 5.01 -3.00	71.46 5.17 -1.48	63.82 4.73 -0.61	78.12 5.55 -0.47	71.60 5.42 0.00	75.37 5.36 0.00	72.36 4.12 0.00	86.24 5.79 -1.10	60.64 4.87 -0.48	158.21 8.49 -61.33	199.34 7.60 -95.72	162.61 7.97 -57.04	171.12 7.90 -61.22	173.07 10.42 -45.44	193.35 12.40 -56.26	257.12 14.74 -82.69	258.38 15.56 -82.72	259.37 4.82 -207.60	270.70 6.09 -202.39	336.83 6.64 -256.18	162.74 6.42 -77.85	108.82 7.33 -5.17	244.49 8.17 -147.46
WADING RIVER_IC_2 23547	72.52 4.18 -1.12	74.65 5.01 -3.00	71.46 5.17 -1.48	63.82 4.73 -0.61	78.12 5.55 -0.47	71.60 5.42 0.00	75.37 5.36 0.00	72.36 4.12 0.00	86.24 5.79 -1.10	60.64 4.87 -0.48	158.21 8.49 -61.33	199.34 7.60 -95.72	162.61 7.97 -57.04	171.12 7.90 -61.22	173.07 10.42 -45.44	193.35 12.40 -56.26	257.12 14.74 -82.69	258.38 15.56 -82.72	259.37 4.82 -207.60	270.70 6.09 -202.39	336.83 6.64 -256.18	162.74 6.42 -77.85	108.82 7.33 -5.17	244.49 8.17 -147.46
WADING RIVER_IC_3 23601	72.52 4.18 -1.12	74.65 5.01 -3.00	71.46 5.17 -1.48	63.82 4.73 -0.61	78.12 5.55 -0.47	71.60 5.42 0.00	75.37 5.36 0.00	72.36 4.12 0.00	86.24 5.79 -1.10	60.64 4.87 -0.48	158.21 8.49 -61.33	199.34 7.60 -95.72	162.61 7.97 -57.04	171.12 7.90 -61.22	173.07 10.42 -45.44	193.35 12.40 -56.26	257.12 14.74 -82.69	258.38 15.56 -82.72	259.37 4.82 -207.60	270.70 6.09 -202.39	336.83 6.64 -256.18	162.74 6.42 -77.85	108.82 7.33 -5.17	244.49 8.17 -147.46
WALDENNY_12_KV_BK2 80841	68.16 0.95 0.00	65.19 -1.46 0.00	62.33 -2.48 0.00	56.49 -1.98 0.00	70.01 -2.09 0.00	64.31 -1.87 0.00	67.09 -2.92 0.00	65.25 -2.98 0.00	77.41 -1.93 0.00	55.57 0.28 0.00	89.61 1.21 0.00	99.25 3.24 0.00	99.70 2.11 0.00	104.02 2.03 0.00	120.65 3.44 0.00	128.76 4.07 0.00	164.78 5.10 0.00	164.20 4.11 0.00	47.65 0.69 0.00	62.78 0.55 0.00	74.26 0.27 0.00	79.19 0.72 0.00	97.47 1.15 0.00	89.70 0.84 0.00
WALDEN__HYDRO 24148	70.52 3.31 0.00	69.39 2.75 0.00	67.42 2.61 0.00	61.04 2.57 0.00	75.15 3.05 0.00	68.94 2.76 0.00	72.95 2.94 0.00	71.26 3.03 0.00	83.66 4.32 0.00	58.83 3.54 0.00	94.21 5.81 0.00	102.48 6.46 0.00	104.36 6.76 0.00	108.56 6.56 0.00	126.32 9.11 0.00	135.53 10.84 0.00	173.04 13.36 0.00	173.44 13.34 0.00	60.79 3.79 -10.04	75.35 4.75 -8.36	97.69 5.41 -18.28	111.92 5.53 -27.93	102.61 6.30 0.00	93.91 5.05 0.00
WARRENSBURG____ 23737	81.94 4.38 -10.35	98.15 3.86 -27.64	82.07 3.62 -13.64	67.47 3.38 -5.62	80.56 4.13 -4.34	69.60 3.42 0.00	73.25 3.24 0.00	71.36 3.13 0.00	82.80 3.45 0.00	58.51 2.41 -0.81	91.51 3.12 0.00	99.76 3.74 0.00	102.21 4.62 0.00	106.73 4.73 0.00	123.44 6.23 0.00	131.92 7.23 0.00	170.66 10.98 0.00	172.31 12.21 0.00	151.62 4.21 -100.46	152.44 5.19 -85.02	266.14 6.37 -185.78	368.88 6.56 -283.85	103.51 7.20 0.00	94.70 5.83 0.00
WATERSIDE____6 8 9 23538	62.53 2.88 7.56	63.08 2.18 5.75	60.16 2.05 6.70	58.24 2.13 2.36	54.23 2.40 20.26	54.42 2.07 13.82	54.31 2.29 17.98	56.47 2.30 14.06	69.52 3.61 13.44	58.75 3.45 0.00	93.66 5.27 0.00	101.92 5.91 0.00	103.12 6.19 0.67	107.95 5.94 0.00	125.77 8.56 0.00	135.37 10.68 0.00	172.74 13.06 0.00	172.79 12.69 0.00	58.70 3.56 -8.19	56.57 4.36 10.02	79.97 4.93 -1.04	80.32 4.95 3.10	81.90 5.38 19.80	69.48 4.11 23.50
WATKINRD_115KV_LN8_ILLION 55919	68.43 1.22 0.00	67.61 0.96 0.00	65.77 0.95 0.00	59.52 1.05 0.00	73.26 1.16 0.00	67.20 1.03 0.00	71.07 1.06 0.00	69.07 0.84 0.00	80.24 0.89 0.00	55.81 0.52 0.00	89.00 0.60 0.00	96.87 0.86 0.00	98.81 1.22 0.00	103.18 1.18 0.00	119.25 2.04 0.00	127.32 2.64 0.00	163.60 3.92 0.00	164.88 4.78 0.00	48.47 1.52 0.00	64.31 2.08 0.00	76.56 2.56 0.00	81.10 2.64 0.00	99.20 2.89 0.00	90.92 2.06 0.00

WDELAWARE___HYD 323627	69.19 1.98 0.00	68.06 1.41 0.00	66.11 1.30 0.00	59.82 1.34 0.00	73.64 1.54 0.00	67.55 1.38 0.00	71.48 1.47 0.00	70.09 1.86 0.00	84.36 5.02 0.00	59.41 4.12 0.00	95.05 6.66 0.00	103.46 7.44 0.00	105.55 7.95 0.00	109.86 7.86 0.00	127.80 10.59 0.00	136.11 11.43 0.00	170.33 10.65 0.00	170.99 10.89 0.00	60.32 3.13 -10.24	75.06 3.97 -8.86	97.83 4.47 -19.37	112.55 4.50 -29.59	101.18 4.87 0.00	92.44 3.58 0.00
WEST BABYLON___IC 23714	73.18 4.84 -1.13	74.64 4.99 -3.00	71.09 4.80 -1.48	63.52 4.43 -0.61	77.79 5.22 -0.47	71.15 4.98 0.00	74.88 4.87 0.00	72.96 4.73 0.00	87.35 6.90 -1.10	61.15 5.38 -0.48	107.32 9.10 -9.83	119.51 8.58 -14.90	113.98 9.12 -7.26	118.38 9.19 -7.19	133.50 12.48 -3.81	143.86 15.16 -4.02	199.19 18.43 -21.08	205.88 18.35 -27.43	139.77 5.57 -87.25	141.34 7.15 -71.96	143.14 7.95 -61.18	116.58 7.85 -30.27	105.98 9.04 -0.63	121.95 8.37 -24.71
WEST CANADA___HYD 24049	67.61 0.40 0.00	66.90 0.26 0.00	65.08 0.27 0.00	58.78 0.30 0.00	72.45 0.36 0.00	66.44 0.27 0.00	70.30 0.29 0.00	68.54 0.31 0.00	79.80 0.46 0.00	55.63 0.33 0.00	88.92 0.53 0.00	96.64 0.63 0.00	98.29 0.70 0.00	102.67 0.67 0.00	118.28 1.07 0.00	125.96 1.27 0.00	161.27 1.59 0.00	161.72 1.62 0.00	47.47 0.51 0.00	62.88 0.65 0.00	74.77 0.77 0.00	79.25 0.78 0.00	97.17 0.85 0.00	89.46 0.60 0.00
WESTERN_NY_WIND 24143	69.55 2.33 0.00	66.56 -0.09 0.00	63.78 -1.03 0.00	57.73 -0.75 0.00	71.59 -0.50 0.00	65.83 -0.35 0.00	68.77 -1.25 0.00	66.89 -1.34 0.00	78.84 -0.51 0.00	56.21 0.91 0.00	89.93 1.54 0.00	99.08 3.07 0.00	100.19 2.59 0.00	104.20 2.20 0.00	120.80 3.59 0.00	128.59 3.90 0.00	164.96 5.28 0.00	164.09 3.99 0.00	47.99 1.03 0.00	63.54 1.31 0.00	75.41 1.40 0.00	80.39 1.92 0.00	98.87 2.56 0.00	92.01 3.15 0.00
WESTOVER___LESR 323668	67.90 0.68 0.00	66.64 0.00 0.00	64.54 -0.29 -0.02	58.54 0.04 -0.03	73.01 -0.01 -0.92	66.39 0.02 -0.19	70.00 -0.11 -0.10	68.20 -0.03 0.00	80.41 0.57 -0.49	56.00 0.70 0.00	89.64 1.25 0.00	97.85 1.83 0.00	99.25 1.65 0.00	103.46 1.46 0.00	120.18 2.97 0.00	128.65 3.96 0.00	163.74 4.06 0.00	164.11 4.01 0.00	52.13 1.05 -4.12	67.28 1.48 -3.57	83.39 1.59 -7.80	92.15 1.76 -11.92	97.99 1.67 0.00	89.59 0.73 0.00
WETHRSFD_WT_PWR 323626	67.28 0.07 0.00	64.64 -2.01 0.00	61.77 -3.04 0.00	55.92 -2.56 0.00	69.19 -2.90 0.00	63.70 -2.48 0.00	66.71 -3.30 0.00	64.76 -3.47 0.00	76.60 -2.75 0.00	54.83 -0.47 0.00	88.13 -0.26 0.00	96.89 0.87 0.00	97.40 -0.19 0.00	101.41 -0.59 0.00	118.16 0.95 0.00	126.95 2.26 0.00	161.30 1.62 0.00	161.89 1.79 0.00	47.16 0.21 0.00	62.04 0.21 0.00	73.03 -0.18 0.00	77.97 -0.97 0.00	95.74 -0.50 0.00	87.72 -1.14 0.00
WHAVSTOR_138KV_BK127 55557	70.83 2.58 -1.03	71.35 1.96 -2.75	68.03 1.86 -1.36	60.94 1.91 -0.56	74.79 2.26 -0.43	68.21 2.03 0.00	72.18 2.17 0.00	70.43 2.20 0.00	82.74 3.40 0.00	58.34 3.05 0.00	93.42 5.03 0.00	101.73 5.71 0.00	103.56 5.96 0.00	107.65 5.65 0.00	125.42 8.21 0.00	135.04 10.35 0.00	172.24 12.56 0.00	172.41 12.31 0.00	60.05 3.42 -9.68	74.41 4.27 -7.92	96.08 4.78 -17.30	109.78 4.88 -26.43	101.67 5.36 0.00	92.96 4.10 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	70.83 2.58 -1.03	71.35 1.96 -2.75	68.03 1.86 -1.36	60.94 1.91 -0.56	74.79 2.26 -0.43	68.21 2.03 0.00	72.18 2.17 0.00	70.43 2.20 0.00	82.74 3.40 0.00	58.34 3.05 0.00	93.42 5.03 0.00	101.73 5.71 0.00	103.56 5.96 0.00	107.65 5.65 0.00	125.42 8.21 0.00	135.04 10.35 0.00	172.24 12.56 0.00	172.41 12.31 0.00	60.05 3.42 -9.68	74.41 4.27 -7.92	96.08 4.78 -17.30	109.78 4.88 -26.43	101.67 5.36 0.00	92.96 4.10 0.00
WHITEHAL_115KV_TB1 80871	84.39 6.40 -10.77	101.04 5.62 -28.78	83.98 4.96 -14.20	69.02 4.69 -5.85	82.61 5.99 -4.52	71.09 4.91 0.00	73.56 3.55 0.00	71.23 3.00 0.00	81.93 2.59 0.00	58.40 2.22 -0.89	90.67 2.28 0.00	99.09 3.08 0.00	102.76 5.16 0.00	107.56 5.56 0.00	124.01 6.80 0.00	132.43 7.74 0.00	172.85 13.16 0.00	175.44 15.34 0.00	151.96 5.36 -99.65	152.24 5.78 -84.23	264.94 6.89 -184.05	366.97 7.29 -281.22	104.08 7.76 0.00	94.90 6.04 0.00
WHITEPLN_13_KV_LOAD 356215	72.31 3.97 -1.12	72.95 3.31 -3.00	69.40 3.11 -1.48	62.14 3.05 -0.61	76.20 3.63 -0.47	69.50 3.32 0.00	73.62 3.61 0.00	71.95 3.72 0.00	84.66 5.32 0.00	59.76 4.46 0.00	95.78 7.39 0.00	104.27 8.25 0.00	106.25 8.65 0.00	110.53 8.53 0.00	128.72 11.51 0.00	138.55 13.86 0.00	176.83 17.14 0.00	176.99 16.89 0.00	61.71 4.76 -10.00	76.37 5.99 -8.15	98.58 6.76 -17.82	112.58 6.88 -27.23	103.95 7.64 0.00	94.99 6.13 0.00
WM_FLOYD_69_KV_BK2 356380	72.88 4.54 -1.13	74.74 5.10 -3.00	71.39 5.10 -1.48	63.75 4.67 -0.61	78.04 5.48 -0.47	71.52 5.34 0.00	75.32 5.31 0.00	72.71 4.49 0.00	86.76 6.31 -1.10	60.92 5.14 -0.48	159.76 8.84 -62.52	202.84 8.01 -98.81	167.24 8.54 -61.10	176.08 8.46 -65.62	179.05 11.36 -50.47	203.39 13.65 -65.05	269.49 16.21 -93.60	270.14 16.73 -93.30	271.43 5.21 -219.27	282.42 6.62 -213.58	351.53 7.32 -270.22	170.10 7.18 -84.46	109.83 8.24 -5.27	247.52 8.36 -150.29
WOODARD___115KV_TB2 355635	66.87 -0.34 0.00	65.81 -0.84 0.00	63.84 -1.01 -0.04	57.73 -0.81 -0.06	72.74 -1.05 -1.69	65.54 -1.00 -0.35	69.01 -1.19 -0.18	67.22 -1.01 0.00	79.45 -0.80 -0.91	55.00 -0.29 0.00	88.07 -0.32 0.00	96.17 0.15 0.00	97.82 0.22 0.00	102.27 0.27 0.00	118.05 0.84 0.00	125.94 1.25 0.00	161.08 1.40 0.00	161.18 1.08 0.00	47.22 0.27 0.00	62.61 0.38 0.00	74.40 0.39 0.00	78.95 0.48 0.00	96.47 0.15 0.00	88.44 -0.42 0.00
WOODMERE_69_KV_BK1 55827	72.78 4.44 -1.13	73.99 4.34 -3.00	70.67 4.38 -1.48	63.18 4.09 -0.61	77.40 4.83 -0.47	70.71 4.54 0.00	74.53 4.52 0.00	72.76 4.52 0.00	86.93 6.48 -1.10	61.00 5.22 -0.48	97.53 8.53 -0.61	104.93 8.64 -0.27	106.97 8.72 -0.64	110.73 8.73 0.00	129.94 11.94 -0.79	143.46 14.40 -4.37	213.12 17.78 -35.65	269.75 17.78 -91.87	247.96 5.25 -195.75	209.29 6.61 -140.46	105.14 7.36 -23.78	113.02 7.29 -27.27	104.71 8.39 0.00	99.97 7.29 -3.81
YORK___WARBASSE 23770	71.54 3.21 -1.12	71.96 2.49 -2.83	68.65 2.37 -1.48	61.37 2.41 -0.48	71.07 2.87 3.90	61.20 2.52 7.50	67.45 2.77 5.33	57.95 2.75 13.03	80.32 4.13 3.16	59.05 3.75 0.00	94.18 5.79 0.00	102.57 6.56 0.00	104.48 6.89 0.00	108.60 6.60 0.00	126.52 9.31 0.00	136.11 11.43 0.00	173.74 14.05 0.00	173.86 13.76 0.00	60.81 3.85 -10.00	82.04 4.81 -15.00	97.29 5.44 -17.85	111.23 5.49 -27.27	102.39 6.07 -0.01	93.61 4.74 -0.01