

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

01/10/2022

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	27.38	28.11	27.05	27.01	27.68	29.06	52.99	96.45	86.24	64.51	103.20	98.51	134.36	87.05	112.75	139.07	205.31	323.82	152.90	140.45	155.76	145.76	82.64	141.30
24138	0.55	-0.12	0.22	0.86	2.09	2.20	2.26	2.06	1.02	1.01	3.36	2.16	2.53	2.83	2.53	10.21	14.98	29.72	14.43	13.18	13.19	1.77	1.68	-0.01
	-20.29	-29.84	-24.02	-15.29	-0.15	-1.52	-26.50	-72.34	-74.81	-53.52	-67.92	-76.19	-108.59	-58.92	-87.88	-38.93	-55.30	4.06	1.24	0.09	-17.66	-127.29	-65.13	-141.78
74TH STREET_GT_1	27.41	28.11	27.07	27.06	27.79	29.15	53.08	96.54	86.28	64.55	103.32	98.58	134.43	87.13	112.77	138.90	205.14	323.80	153.02	140.53	155.76	145.78	82.64	141.32
24260	0.58	-0.12	0.23	0.91	2.20	2.28	2.34	2.14	1.05	1.04	3.47	2.21	2.59	2.89	2.53	10.05	14.80	29.69	14.55	13.26	13.19	1.77	1.67	-0.01
	-20.30	-29.84	-24.02	-15.29	-0.15	-1.52	-26.50	-72.35	-74.82	-53.52	-67.93	-76.20	-108.61	-58.93	-87.90	-38.93	-55.31	4.06	1.24	0.09	-17.66	-127.30	-65.13	-141.80
74TH STREET_GT_2	27.41	28.11	27.07	27.06	27.79	29.15	53.08	96.54	86.28	64.55	103.32	98.58	134.43	87.13	112.77	138.90	205.14	323.80	153.02	140.53	155.76	145.78	82.64	141.32
24261	0.58	-0.12	0.23	0.91	2.20	2.28	2.34	2.14	1.05	1.04	3.47	2.21	2.59	2.89	2.53	10.05	14.80	29.69	14.55	13.26	13.19	1.77	1.67	-0.01
	-20.30	-29.84	-24.02	-15.29	-0.15	-1.52	-26.50	-72.35	-74.82	-53.52	-67.93	-76.20	-108.61	-58.93	-87.90	-38.93	-55.31	4.06	1.24	0.09	-17.66	-127.30	-65.13	-141.80
ADK HUDSON___FALLS	35.99	40.70	37.24	33.58	27.97	30.04	64.64	127.52	117.74	87.02	131.78	130.45	179.82	111.61	149.11	154.28	229.78	331.34	155.15	142.54	166.03	199.82	110.22	201.43
24011	0.58	-0.15	0.25	0.96	2.31	2.53	2.70	2.55	1.19	1.11	3.49	2.19	2.52	2.70	2.46	10.24	16.27	36.00	16.30	15.24	14.74	1.85	1.63	-0.05
	-28.88	-42.46	-34.18	-21.76	-0.21	-2.16	-37.71	-102.92	-106.14	-75.93	-96.37	-108.10	-154.07	-83.60	-124.31	-54.11	-78.48	2.82	0.86	0.06	-26.38	-181.27	-92.75	-201.94
ADK RESOURCE___RCVRY	36.05	40.74	37.29	33.65	28.08	30.24	64.94	127.88	117.95	87.18	132.15	130.73	180.19	111.91	149.44	155.36	231.61	335.29	156.84	144.13	167.56	200.18	110.44	201.64
23798	0.62	-0.15	0.26	1.01	2.43	2.73	2.95	2.79	1.30	1.20	3.78	2.36	2.74	2.93	2.67	11.28	18.02	39.94	17.99	16.83	16.24	2.02	1.75	-0.06
	-28.91	-42.51	-34.22	-21.78	-0.21	-2.17	-37.75	-103.03	-106.24	-76.00	-96.46	-108.20	-154.21	-83.68	-124.43	-54.16	-78.55	2.82	0.86	0.06	-26.41	-181.45	-92.85	-202.16
ADK S GLENS___FALLS	35.99	40.70	37.24	33.58	27.97	30.04	64.64	127.52	117.74	87.02	131.78	130.45	179.82	111.61	149.11	154.28	229.78	331.34	155.15	142.54	166.03	199.82	110.22	201.43
24028	0.58	-0.15	0.25	0.96	2.31	2.53	2.70	2.55	1.19	1.11	3.49	2.19	2.52	2.70	2.46	10.24	16.27	36.00	16.30	15.24	14.74	1.85	1.63	-0.05
	-28.88	-42.46	-34.18	-21.76	-0.21	-2.16	-37.71	-102.92	-106.14	-75.93	-96.37	-108.10	-154.07	-83.60	-124.31	-54.11	-78.48	2.82	0.86	0.06	-26.38	-181.27	-92.75	-201.94
ADK_NYS___DAM	34.31	38.31	35.30	32.32	27.82	29.63	62.10	121.29	111.86	82.77	126.06	124.31	171.14	106.69	142.06	149.39	221.70	321.64	151.07	138.67	160.99	189.32	104.71	189.99
23527	0.54	-0.14	0.24	0.93	2.18	2.24	2.28	2.11	0.98	0.91	2.92	1.82	2.07	2.25	2.04	8.20	12.38	26.45	12.27	11.38	11.25	1.49	1.38	-0.04
	-27.25	-40.06	-32.25	-20.53	-0.20	-2.04	-35.58	-97.13	-100.47	-71.87	-91.22	-102.33	-145.84	-79.13	-117.68	-51.26	-74.28	2.98	0.91	0.07	-24.83	-171.12	-87.49	-190.50
AIR_PRODUCTS___DRP	33.74	37.69	34.71	31.75	27.28	28.95	60.63	118.79	109.64	81.09	123.35	121.80	167.68	104.35	139.10	145.04	215.17	309.86	145.80	133.93	156.03	185.84	102.88	186.87
24190	0.41	-0.10	0.18	0.70	1.64	1.60	1.40	1.22	0.58	0.54	1.87	1.16	1.26	1.35	1.21	4.79	7.20	14.79	7.04	6.64	6.81	0.92	0.99	-0.02
	-26.80	-39.40	-31.72	-20.19	-0.20	-2.01	-35.00	-95.53	-98.65	-70.57	-89.57	-100.47	-143.20	-77.70	-115.55	-50.32	-72.93	3.10	0.95	0.07	-24.30	-168.22	-86.05	-187.35
ALBANY___1	33.74	37.69	34.71	31.75	27.28	28.95	60.63	118.79	109.64	81.09	123.35	121.80	167.68	104.35	139.10	145.04	215.17	309.86	145.80	133.93	156.03	185.84	102.88	186.87
23571	0.41	-0.10	0.18	0.70	1.64	1.60	1.40	1.22	0.58	0.54	1.87	1.16	1.26	1.35	1.21	4.79	7.20	14.79	7.04	6.64	6.81	0.92	0.99	-0.02
	-26.80	-39.40	-31.72	-20.19	-0.20	-2.01	-35.00	-95.53	-98.65	-70.57	-89.57	-100.47	-143.20	-77.70	-115.55	-50.32	-72.93	3.10	0.95	0.07	-24.30	-168.22	-86.05	-187.35
ALBANY___2	33.74	37.69	34.71	31.75	27.28	28.95	60.63	118.79	109.64	81.09	123.35	121.80	167.68	104.35	139.10	145.04	215.17	309.86	145.80	133.93	156.03	185.84	102.88	186.87
23572	0.41	-0.10	0.18	0.70	1.64	1.60	1.40	1.22	0.58	0.54	1.87	1.16	1.26	1.35	1.21	4.79	7.20	14.79	7.04	6.64	6.81	0.92	0.99	-0.02
	-26.80	-39.40	-31.72	-20.19	-0.20	-2.01	-35.00	-95.53	-98.65	-70.57	-89.57	-100.47	-143.20	-77.70	-115.55	-50.32	-72.93	3.10	0.95	0.07	-24.30	-168.22	-86.05	-187.35
ALBANY___3	33.74	37.69	34.71	31.75	27.28	28.95	60.63	118.79	109.64	81.09	123.35	121.80	167.68	104.35	139.10	145.04	215.17	309.86	145.80	133.93	156.03	185.84	102.88	186.87
23573	0.41	-0.10	0.18	0.70	1.64	1.60	1.40	1.22	0.58	0.54	1.87	1.16	1.26	1.35	1.21	4.79	7.20	14.79	7.04	6.64	6.81	0.92	0.99	-0.02
	-26.80	-39.40	-31.72	-20.19	-0.20	-2.01	-35.00	-95.53	-98.65	-70.57	-89.57	-100.47	-143.20	-77.70	-115.55	-50.32	-72.93	3.10	0.95	0.07	-24.30	-168.22	-86.05	-187.35
ALBANY___4	33.74	37.69	34.71	31.75	27.28	28.95	60.63	118.79	109.64	81.09	123.35	121.80	167.68	104.35	139.10	145.04	215.17	309.86	145.80	133.93	156.03	185.84	102.88	186.87
23574	0.41	-0.10	0.18	0.70	1.64	1.60	1.40	1.22	0.58	0.54	1.87	1.16	1.26	1.35	1.21	4.79	7.20	14.79	7.04	6.64	6.81	0.92	0.99	-0.02
	-26.80	-39.40	-31.72	-20.19	-0.20	-2.01	-35.00	-95.53	-98.65	-70.57	-89.57	-100.47	-143.20	-77.70	-115.55	-50.32	-72.93	3.10	0.95	0.07	-24.30	-168.22	-86.05	-187.35



ALBANY___LFGE 323615	34.40 0.45 -27.41	38.59 -0.11 -40.31	35.46 0.20 -32.45	32.28 0.77 -20.66	27.46 1.82 -0.20	29.20 1.80 -2.05	61.68 1.64 -35.80	121.22 1.46 -97.71	111.94 0.69 -100.83	82.77 0.66 -72.13	125.67 2.20 -91.55	124.24 1.38 -102.70	171.12 1.52 -146.37	106.36 1.63 -79.42	141.92 1.47 -118.10	147.21 5.86 -51.42	218.40 8.82 -74.55	313.63 18.49 3.02	147.52 8.73 0.93	135.47 8.18 0.07	158.06 8.24 -24.90	189.86 1.10 -172.06	104.99 1.12 -88.03	191.18 -0.02 -191.67
ALCOA_RYNLDS___DRP 24188	6.36 -0.17 0.00	-1.57 0.04 0.00	2.74 -0.07 0.00	10.61 -0.25 0.00	24.99 -0.46 0.00	24.86 -0.49 0.00	23.62 -0.61 0.00	21.37 -0.68 0.00	9.99 -0.42 0.00	9.62 -0.37 0.00	30.90 -1.01 0.00	19.65 -0.51 0.00	22.71 -0.53 0.00	24.68 -0.63 0.00	21.78 -0.57 0.00	87.88 -2.05 0.00	131.98 -3.05 0.00	293.21 -4.95 0.00	136.79 -2.92 0.00	124.32 -3.04 0.00	122.27 -2.65 0.00	16.18 -0.52 0.00	15.50 -0.33 0.00	-0.47 -0.01 0.00
ALCOA___DSASP 323711	6.36 -0.17 0.00	-1.57 0.04 0.00	2.74 -0.07 0.00	10.61 -0.25 0.00	24.99 -0.46 0.00	24.86 -0.49 0.00	23.62 -0.61 0.00	21.37 -0.68 0.00	9.99 -0.42 0.00	9.62 -0.37 0.00	30.90 -1.01 0.00	19.65 -0.51 0.00	22.71 -0.53 0.00	24.68 -0.63 0.00	21.78 -0.57 0.00	87.88 -2.05 0.00	131.98 -3.05 0.00	293.21 -4.95 0.00	136.79 -2.92 0.00	124.32 -3.04 0.00	122.27 -2.65 0.00	16.18 -0.52 0.00	15.50 -0.33 0.00	-0.47 -0.01 0.00
ALLEGHENY___COGEN 23514	10.27 0.08 -3.66	3.75 -0.02 -5.38	7.16 0.02 -4.33	13.69 0.09 -2.74	25.67 0.20 -0.03	25.82 0.30 -0.17	29.50 0.52 -4.75	35.38 0.70 -12.62	22.67 0.31 -11.95	19.09 0.34 -8.76	44.78 1.18 -11.68	29.32 0.42 -8.74	40.26 0.54 -16.48	32.52 0.55 -6.66	34.28 -0.01 -11.94	83.86 -2.48 3.59	120.96 -7.20 6.87	294.48 -16.13 -12.44	132.68 -7.35 -0.32	110.29 -6.43 10.64	129.50 -5.98 -10.57	38.14 0.25 -21.20	25.61 0.25 -9.53	25.65 0.00 -26.12
ALTONA_WT_PWR 323606	6.22 -0.31 0.00	-1.53 0.08 0.00	2.71 -0.10 0.00	10.49 -0.37 0.00	25.01 -0.43 0.00	25.25 -0.09 0.00	24.15 -0.09 0.00	22.11 0.06 0.00	10.40 -0.01 0.00	9.73 -0.25 0.00	30.71 -1.21 0.00	19.39 -0.78 0.00	22.51 -0.72 0.00	24.39 -0.92 0.00	21.54 -0.80 0.00	88.60 -1.33 0.00	134.42 -0.61 0.00	298.76 0.60 0.00	138.60 -1.12 0.00	125.27 -2.09 0.00	124.63 -0.29 0.00	16.64 -0.06 0.00	15.76 -0.08 0.00	-0.52 -0.06 0.00
AMERICAN_REF_FUEL 24010	9.43 -0.58 -3.48	3.66 0.15 -5.12	6.64 -0.27 -4.10	12.23 -1.10 -2.48	22.76 -2.71 -0.03	21.82 -2.68 0.85	26.03 -2.73 -4.52	30.02 -2.34 -10.31	12.55 -1.06 -3.20	12.74 -0.96 -3.72	37.47 -2.99 -8.53	26.11 -2.19 -8.14	18.94 -2.47 1.81	6.54 -2.67 16.09	9.97 -2.28 10.10	15.40 -9.64 64.87	16.11 -14.72 104.20	14.61 -32.35 251.21	21.53 -14.49 103.69	27.97 -12.45 86.94	11.65 -13.24 100.03	14.38 -1.73 0.60	15.75 -1.64 -1.55	13.51 0.05 -13.93
ARKWRIGHT___SUMMIT_WT_PWR 323751	10.05 -0.43 -3.94	4.34 0.14 -5.81	7.26 -0.21 -4.66	12.86 -0.85 -2.86	23.25 -2.22 -0.03	22.51 -2.17 0.67	27.28 -2.01 -5.06	32.50 -1.66 -12.11	15.80 -0.82 -6.21	14.96 -0.69 -5.66	40.53 -1.80 -10.41	27.75 -1.75 -9.34	25.34 -1.87 -3.98	12.41 -2.01 10.88	16.18 -1.70 4.46	30.96 -6.61 52.35	40.12 -9.49 85.42	46.05 -23.40 228.72	37.83 -11.58 90.31	48.43 -10.49 68.45	24.54 -9.83 90.55	19.43 -1.32 -4.04	18.40 -1.33 -3.89	17.35 -0.02 -17.83
ARTHUR_KILL_GT_1 23520	27.35 0.53 -20.30	28.12 -0.11 -29.84	27.04 0.20 -24.02	26.96 0.81 -15.29	27.56 1.97 -0.15	29.05 2.18 -1.52	52.93 2.19 -26.50	96.38 1.98 -72.35	86.22 0.99 -74.82	64.51 1.00 -53.53	103.20 3.35 -67.94	98.44 2.07 -76.21	134.33 2.49 -108.61	87.02 2.77 -58.94	112.64 2.39 -87.90	138.17 9.31 -38.93	204.01 13.67 -55.31	320.97 26.86 4.06	151.91 13.44 1.24	139.54 12.26 0.09	155.16 12.58 -17.67	147.13 1.70 -128.73	82.60 1.62 -65.14	141.32 -0.01 -141.80
ARTHUR_KILL_2 23512	27.34 0.51 -20.30	28.13 -0.11 -29.84	27.03 0.20 -24.02	26.94 0.78 -15.29	27.50 1.91 -0.15	28.98 2.11 -1.52	52.87 2.13 -26.50	96.32 1.92 -72.35	86.19 0.96 -74.82	64.48 0.97 -53.53	103.12 3.27 -67.94	98.39 2.03 -76.21	134.28 2.43 -108.61	86.95 2.71 -58.94	112.57 2.33 -87.90	137.94 9.08 -38.93	203.60 13.26 -55.31	319.97 25.87 4.06	151.49 13.01 1.24	139.15 11.88 0.09	154.79 12.21 -17.67	147.08 1.65 -128.73	82.56 1.58 -65.14	141.32 -0.01 -141.80
ARTHUR_KILL_3 23513	27.33 0.51 -20.29	28.12 -0.11 -29.84	27.03 0.20 -24.02	26.95 0.80 -15.29	27.53 1.94 -0.15	28.88 2.01 -1.52	52.81 2.08 -26.50	96.27 1.87 -72.34	86.15 0.92 -74.81	64.42 0.91 -53.52	102.87 3.03 -67.93	98.32 1.96 -76.20	134.15 2.32 -108.60	86.84 2.60 -58.93	112.51 2.27 -87.89	137.96 9.11 -38.93	203.72 13.38 -55.30	320.54 26.43 4.06	151.43 12.95 1.24	139.08 11.80 0.09	154.39 11.82 -17.66	146.15 1.59 -127.86	82.49 1.52 -65.13	141.31 -0.01 -141.79
ARTHUR_KILL_COGEN 323718	27.35 0.53 -20.30	28.12 -0.11 -29.84	27.04 0.20 -24.02	26.96 0.81 -15.29	27.56 1.97 -0.15	29.05 2.18 -1.52	52.93 2.19 -26.50	96.38 1.98 -72.35	86.22 0.99 -74.82	64.51 1.00 -53.53	103.20 3.35 -67.94	98.44 2.07 -76.21	134.33 2.49 -108.61	87.02 2.77 -58.94	112.64 2.39 -87.90	138.17 9.31 -38.93	204.01 13.67 -55.31	320.97 26.86 4.06	151.91 13.44 1.24	139.54 12.26 0.09	155.16 12.58 -17.67	147.13 1.70 -128.73	82.60 1.62 -65.14	141.32 -0.01 -141.80
ASHOKAN____ 23654	28.55 0.44 -21.58	30.00 -0.12 -31.73	28.53 0.18 -25.54	27.87 0.75 -16.26	27.62 2.02 -0.16	29.08 2.12 -1.62	54.60 2.19 -28.18	101.03 2.05 -76.93	90.94 1.00 -79.53	67.81 0.94 -56.89	106.84 2.72 -72.21	102.86 1.70 -81.00	140.69 2.02 -115.44	90.17 2.22 -62.64	117.50 2.03 -93.13	138.80 8.36 -40.50	207.21 13.39 -58.79	323.85 29.56 3.87	152.79 14.26 1.18	140.29 13.01 0.08	156.61 12.72 -18.97	153.65 1.57 -135.38	86.45 1.35 -69.26	150.30 -0.02 -150.78
ASTORIA_EAST_ENERGY_CC1 323581	27.37 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.84 -15.29	27.70 2.11 -0.15	29.13 2.26 -1.52	53.05 2.31 -26.50	96.49 2.09 -72.35	86.26 1.03 -74.82	64.51 1.00 -53.53	103.16 3.31 -67.94	98.47 2.10 -76.21	134.28 2.43 -108.61	86.98 2.74 -58.94	112.61 2.37 -87.90	138.15 9.30 -38.92	203.99 13.64 -55.31	320.91 26.81 4.06	151.81 13.33 1.24	139.64 12.36 0.09	154.86 12.28 -17.67	145.67 1.66 -127.31	82.58 1.61 -65.14	141.33 0.00 -141.80
ASTORIA_EAST_ENERGY_CC2 323582	27.37 0.55 -20.30	28.12 -0.11 -29.84	27.05 0.21 -24.02	26.99 0.84 -15.29	27.69 2.10 -0.15	29.12 2.25 -1.52	53.04 2.30 -26.50	96.49 2.08 -72.35	86.26 1.02 -74.82	64.51 1.00 -53.53	103.15 3.30 -67.94	98.46 2.09 -76.21	134.27 2.42 -108.61	86.96 2.72 -58.94	112.60 2.35 -87.90	138.13 9.28 -38.92	203.97 13.63 -55.31	320.91 26.81 4.06	151.84 13.37 1.24	139.67 12.40 0.09	154.84 12.26 -17.67	145.67 1.66 -127.31	82.58 1.60 -65.14	141.33 0.00 -141.80
ASTORIA_GT2_I 24094	27.37 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.84 -15.29	27.70 2.11 -0.15	29.13 2.26 -1.52	53.05 2.31 -26.50	96.49 2.09 -72.35	86.26 1.03 -74.82	64.51 1.00 -53.53	103.16 3.31 -67.94	98.47 2.10 -76.21	134.28 2.43 -108.61	86.98 2.74 -58.94	112.61 2.37 -87.90	138.20 9.35 -38.92	204.04 13.70 -55.31	321.06 26.95 4.06	151.88 13.40 1.24	139.71 12.44 0.09	154.88 12.30 -17.67	145.68 1.66 -127.31	82.58 1.61 -65.14	141.33 0.00 -141.80



ASTORIA_GT2_2 24095	27.37 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.84 -15.29	27.70 2.11 -0.15	29.13 2.26 -1.52	53.05 2.31 -26.50	96.49 2.09 -72.35	86.26 1.03 -74.82	64.51 1.00 -53.53	103.16 3.31 -67.94	98.47 2.10 -76.21	134.28 2.43 -108.61	86.98 2.74 -58.94	112.61 2.37 -87.90	138.20 9.35 -38.92	204.04 13.70 -55.31	321.06 26.95 4.06	151.88 13.40 1.24	139.71 12.44 0.09	154.88 12.30 -17.67	145.68 1.66 -127.31	82.58 1.61 -65.14	141.33 0.00 -141.80
ASTORIA_GT2_3 24096	27.37 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.84 -15.29	27.70 2.11 -0.15	29.13 2.26 -1.52	53.05 2.31 -26.50	96.49 2.09 -72.35	86.26 1.03 -74.82	64.51 1.00 -53.53	103.16 3.31 -67.94	98.47 2.10 -76.21	134.28 2.43 -108.61	86.98 2.74 -58.94	112.61 2.37 -87.90	138.20 9.35 -38.92	204.04 13.70 -55.31	321.06 26.95 4.06	151.88 13.40 1.24	139.71 12.44 0.09	154.88 12.30 -17.67	145.68 1.66 -127.31	82.58 1.61 -65.14	141.33 0.00 -141.80
ASTORIA_GT2_4 24097	27.37 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.84 -15.29	27.70 2.11 -0.15	29.13 2.26 -1.52	53.05 2.31 -26.50	96.49 2.09 -72.35	86.26 1.03 -74.82	64.51 1.00 -53.53	103.16 3.31 -67.94	98.47 2.10 -76.21	134.28 2.43 -108.61	86.98 2.74 -58.94	112.61 2.37 -87.90	138.20 9.35 -38.92	204.04 13.70 -55.31	321.06 26.95 4.06	151.88 13.40 1.24	139.71 12.44 0.09	154.88 12.30 -17.67	145.68 1.66 -127.31	82.58 1.61 -65.14	141.33 0.00 -141.80
ASTORIA_GT3_1 24098	27.37 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.84 -15.29	27.70 2.11 -0.15	29.13 2.26 -1.52	53.05 2.31 -26.50	96.49 2.09 -72.35	86.26 1.03 -74.82	64.51 1.00 -53.53	103.16 3.31 -67.94	98.47 2.10 -76.21	134.28 2.43 -108.61	86.98 2.74 -58.94	112.61 2.37 -87.90	138.20 9.35 -38.92	204.04 13.70 -55.31	321.06 26.95 4.06	151.88 13.40 1.24	139.71 12.44 0.09	154.88 12.30 -17.67	145.68 1.66 -127.31	82.58 1.61 -65.14	141.33 0.00 -141.80
ASTORIA_GT3_2 24099	27.37 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.84 -15.29	27.70 2.11 -0.15	29.13 2.26 -1.52	53.05 2.31 -26.50	96.49 2.09 -72.35	86.26 1.03 -74.82	64.51 1.00 -53.53	103.16 3.31 -67.94	98.47 2.10 -76.21	134.28 2.43 -108.61	86.98 2.74 -58.94	112.61 2.37 -87.90	138.20 9.35 -38.92	204.04 13.70 -55.31	321.06 26.95 4.06	151.88 13.40 1.24	139.71 12.44 0.09	154.88 12.30 -17.67	145.68 1.66 -127.31	82.58 1.61 -65.14	141.33 0.00 -141.80
ASTORIA_GT3_3 24100	27.37 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.84 -15.29	27.70 2.11 -0.15	29.13 2.26 -1.52	53.05 2.31 -26.50	96.49 2.09 -72.35	86.26 1.03 -74.82	64.51 1.00 -53.53	103.16 3.31 -67.94	98.47 2.10 -76.21	134.28 2.43 -108.61	86.98 2.74 -58.94	112.61 2.37 -87.90	138.20 9.35 -38.92	204.04 13.70 -55.31	321.06 26.95 4.06	151.88 13.40 1.24	139.71 12.44 0.09	154.88 12.30 -17.67	145.68 1.66 -127.31	82.58 1.61 -65.14	141.33 0.00 -141.80
ASTORIA_GT3_4 24101	27.37 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.84 -15.29	27.70 2.11 -0.15	29.13 2.26 -1.52	53.05 2.31 -26.50	96.49 2.09 -72.35	86.26 1.03 -74.82	64.51 1.00 -53.53	103.16 3.31 -67.94	98.47 2.10 -76.21	134.28 2.43 -108.61	86.98 2.74 -58.94	112.61 2.37 -87.90	138.20 9.35 -38.92	204.04 13.70 -55.31	321.06 26.95 4.06	151.88 13.40 1.24	139.71 12.44 0.09	154.88 12.30 -17.67	145.68 1.66 -127.31	82.58 1.61 -65.14	141.33 0.00 -141.80
ASTORIA_GT4_1 24102	27.37 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.84 -15.29	27.70 2.11 -0.15	29.13 2.26 -1.52	53.05 2.31 -26.50	96.49 2.09 -72.35	86.26 1.03 -74.82	64.51 1.00 -53.53	103.16 3.31 -67.94	98.47 2.10 -76.21	134.28 2.43 -108.61	86.98 2.74 -58.94	112.61 2.37 -87.90	138.20 9.35 -38.92	204.04 13.70 -55.31	321.06 26.95 4.06	151.88 13.40 1.24	139.71 12.44 0.09	154.88 12.30 -17.67	145.68 1.66 -127.31	82.58 1.61 -65.14	141.33 0.00 -141.80
ASTORIA_GT4_2 24103	27.37 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.84 -15.29	27.70 2.11 -0.15	29.13 2.26 -1.52	53.05 2.31 -26.50	96.49 2.09 -72.35	86.26 1.03 -74.82	64.51 1.00 -53.53	103.16 3.31 -67.94	98.47 2.10 -76.21	134.28 2.43 -108.61	86.98 2.74 -58.94	112.61 2.37 -87.90	138.20 9.35 -38.92	204.04 13.70 -55.31	321.06 26.95 4.06	151.88 13.40 1.24	139.71 12.44 0.09	154.88 12.30 -17.67	145.68 1.66 -127.31	82.58 1.61 -65.14	141.33 0.00 -141.80
ASTORIA_GT4_3 24104	27.37 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.84 -15.29	27.70 2.11 -0.15	29.13 2.26 -1.52	53.05 2.31 -26.50	96.49 2.09 -72.35	86.26 1.03 -74.82	64.51 1.00 -53.53	103.16 3.31 -67.94	98.47 2.10 -76.21	134.28 2.43 -108.61	86.98 2.74 -58.94	112.61 2.37 -87.90	138.20 9.35 -38.92	204.04 13.70 -55.31	321.06 26.95 4.06	151.88 13.40 1.24	139.71 12.44 0.09	154.88 12.30 -17.67	145.68 1.66 -127.31	82.58 1.61 -65.14	141.33 0.00 -141.80
ASTORIA_GT4_4 24105	27.37 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.84 -15.29	27.70 2.11 -0.15	29.13 2.26 -1.52	53.05 2.31 -26.50	96.49 2.09 -72.35	86.26 1.03 -74.82	64.51 1.00 -53.53	103.16 3.31 -67.94	98.47 2.10 -76.21	134.28 2.43 -108.61	86.98 2.74 -58.94	112.61 2.37 -87.90	138.20 9.35 -38.92	204.04 13.70 -55.31	321.06 26.95 4.06	151.88 13.40 1.24	139.71 12.44 0.09	154.88 12.30 -17.67	145.68 1.66 -127.31	82.58 1.61 -65.14	141.33 0.00 -141.80
ASTORIA_GT_1 23523	27.38 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.22 -24.02	27.01 0.86 -15.29	27.74 2.15 -0.15	29.17 2.30 -1.52	53.09 2.35 -26.50	96.53 2.13 -72.35	86.28 1.05 -74.82	64.53 1.02 -53.53	103.22 3.37 -67.94	98.51 2.14 -76.21	134.32 2.48 -108.61	87.03 2.79 -58.94	112.66 2.41 -87.90	138.37 9.52 -38.92	204.30 13.96 -55.31	321.66 27.56 4.06	152.17 13.69 1.24	139.96 12.69 0.09	155.13 12.55 -17.67	145.71 1.70 -127.31	82.61 1.63 -65.14	141.33 0.00 -141.80
ASTORIA_GT_10 24110	27.39 0.56 -20.30	28.11 -0.12 -29.84	27.06 0.22 -24.02	27.04 0.89 -15.29	27.72 2.13 -0.15	29.09 2.23 -1.52	53.01 2.27 -26.50	96.46 2.06 -72.35	86.25 1.02 -74.82	64.52 1.01 -53.53	103.20 3.35 -67.94	98.51 2.14 -76.21	134.34 2.50 -108.61	87.03 2.79 -58.94	112.69 2.44 -87.90	138.56 9.70 -38.93	204.59 14.25 -55.31	322.38 28.28 4.06	152.56 14.08 1.24	140.14 12.86 0.09	155.39 12.81 -17.67	147.16 1.73 -128.73	82.62 1.64 -65.14	141.32 -0.01 -141.80
ASTORIA_GT_11 24225	27.39 0.56 -20.30	28.11 -0.12 -29.84	27.06 0.22 -24.02	27.04 0.89 -15.29	27.72 2.13 -0.15	29.09 2.23 -1.52	53.01 2.27 -26.50	96.46 2.06 -72.35	86.25 1.02 -74.82	64.52 1.01 -53.53	103.20 3.35 -67.94	98.51 2.14 -76.21	134.34 2.50 -108.61	87.03 2.79 -58.94	112.69 2.44 -87.90	138.56 9.70 -38.93	204.59 14.25 -55.31	322.38 28.28 4.06	152.56 14.08 1.24	140.14 12.86 0.09	155.39 12.81 -17.67	147.16 1.73 -128.73	82.62 1.64 -65.14	141.32 -0.01 -141.80
ASTORIA_GT_12 24226	27.39 0.56 -20.30	28.11 -0.12 -29.84	27.06 0.22 -24.02	27.04 0.89 -15.29	27.72 2.13 -0.15	29.09 2.23 -1.52	53.01 2.27 -26.50	96.46 2.06 -72.35	86.25 1.02 -74.82	64.52 1.01 -53.53	103.20 3.35 -67.94	98.51 2.14 -76.21	134.34 2.50 -108.61	87.03 2.79 -58.94	112.69 2.44 -87.90	138.56 9.70 -38.93	204.59 14.25 -55.31	322.38 28.28 4.06	152.56 14.08 1.24	140.14 12.86 0.09	155.39 12.81 -17.67	147.16 1.73 -128.73	82.62 1.64 -65.14	141.32 -0.01 -141.80



ASTORIA_GT_13 24227	27.39 0.56 -20.30	28.11 -0.12 -29.84	27.06 0.22 -24.02	27.04 0.89 -15.29	27.72 2.13 -0.15	29.09 2.23 -1.52	53.01 2.27 -26.50	96.46 2.06 -72.35	86.25 1.02 -74.82	64.52 1.01 -53.53	103.20 3.35 -67.94	98.51 2.14 -76.21	134.34 2.50 -108.61	87.03 2.79 -58.94	112.69 2.44 -87.90	138.56 9.70 -38.93	204.59 14.25 -55.31	322.38 28.28 4.06	152.56 14.08 1.24	140.14 12.86 0.09	155.39 12.81 -17.67	147.16 1.73 -128.73	82.62 1.64 -65.14	141.32 -0.01 -141.80
ASTORIA_GT_5 24106	27.38 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.22 -24.02	27.01 0.86 -15.29	27.74 2.15 -0.15	29.17 2.30 -1.52	53.09 2.35 -26.50	96.53 2.13 -72.35	86.28 1.05 -74.82	64.53 1.02 -53.53	103.22 3.37 -67.94	98.51 2.14 -76.21	134.32 2.48 -108.61	87.03 2.79 -58.94	112.66 2.41 -87.90	138.37 9.52 -38.92	204.30 13.96 -55.31	321.66 27.56 4.06	152.17 13.69 1.24	139.96 12.69 0.09	155.13 12.55 -17.67	145.71 1.70 -127.31	82.61 1.63 -65.14	141.33 0.00 -141.80
ASTORIA_GT_7 24107	27.38 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.22 -24.02	27.01 0.86 -15.29	27.74 2.15 -0.15	29.17 2.30 -1.52	53.09 2.35 -26.50	96.53 2.13 -72.35	86.28 1.05 -74.82	64.53 1.02 -53.53	103.22 3.37 -67.94	98.51 2.14 -76.21	134.32 2.48 -108.61	87.03 2.79 -58.94	112.66 2.41 -87.90	138.37 9.52 -38.92	204.30 13.96 -55.31	321.66 27.56 4.06	152.17 13.69 1.24	139.96 12.69 0.09	155.13 12.55 -17.67	145.71 1.70 -127.31	82.61 1.63 -65.14	141.33 0.00 -141.80
ASTORIA_GT_8 24108	27.38 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.22 -24.02	27.01 0.86 -15.29	27.74 2.15 -0.15	29.17 2.30 -1.52	53.09 2.35 -26.50	96.53 2.13 -72.35	86.28 1.05 -74.82	64.53 1.02 -53.53	103.22 3.37 -67.94	98.51 2.14 -76.21	134.32 2.48 -108.61	87.03 2.79 -58.94	112.66 2.41 -87.90	138.37 9.52 -38.92	204.30 13.96 -55.31	321.66 27.56 4.06	152.17 13.69 1.24	139.96 12.69 0.09	155.13 12.55 -17.67	145.71 1.70 -127.31	82.61 1.63 -65.14	141.33 0.00 -141.80
ASTORIA___2 24149	27.37 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.84 -15.29	27.70 2.11 -0.15	29.13 2.26 -1.52	53.05 2.31 -26.50	96.49 2.09 -72.35	86.26 1.03 -74.82	64.51 1.00 -53.53	103.16 3.31 -67.94	98.47 2.10 -76.21	134.28 2.43 -108.61	86.98 2.74 -58.94	112.61 2.37 -87.90	138.20 9.35 -38.92	204.04 13.70 -55.31	321.06 26.95 4.06	151.88 13.40 1.24	139.71 12.44 0.09	154.88 12.30 -17.67	145.68 1.66 -127.31	82.58 1.61 -65.14	141.33 0.00 -141.80
ASTORIA___3 23516	27.39 0.56 -20.30	28.11 -0.12 -29.84	27.06 0.22 -24.02	27.04 0.89 -15.29	27.72 2.13 -0.15	29.09 2.23 -1.52	53.01 2.27 -26.50	96.46 2.06 -72.35	86.25 1.02 -74.82	64.52 1.01 -53.53	103.20 3.35 -67.94	98.51 2.14 -76.21	134.34 2.50 -108.61	87.03 2.79 -58.94	112.69 2.44 -87.90	138.56 9.70 -38.93	204.59 14.25 -55.31	322.38 28.28 4.06	152.56 14.08 1.24	140.14 12.86 0.09	155.39 12.81 -17.67	147.16 1.73 -128.73	82.62 1.64 -65.14	141.32 -0.01 -141.80
ASTORIA___4 23517	27.39 0.56 -20.30	28.11 -0.12 -29.84	27.06 0.22 -24.02	27.04 0.89 -15.29	27.72 2.13 -0.15	29.09 2.23 -1.52	53.01 2.27 -26.50	96.46 2.06 -72.35	86.25 1.02 -74.82	64.52 1.01 -53.53	103.20 3.35 -67.94	98.51 2.14 -76.21	134.34 2.50 -108.61	87.03 2.79 -58.94	112.69 2.44 -87.90	138.56 9.70 -38.93	204.59 14.25 -55.31	322.38 28.28 4.06	152.56 14.08 1.24	140.14 12.86 0.09	155.39 12.81 -17.67	147.16 1.73 -128.73	82.62 1.64 -65.14	141.32 -0.01 -141.80
ASTORIA___5 23518	27.39 0.56 -20.30	28.11 -0.12 -29.84	27.06 0.22 -24.02	27.04 0.88 -15.29	27.72 2.13 -0.15	29.09 2.23 -1.52	53.01 2.27 -26.50	96.46 2.06 -72.35	86.25 1.02 -74.82	64.52 1.01 -53.53	103.20 3.35 -67.94	98.51 2.14 -76.21	134.34 2.50 -108.61	87.03 2.79 -58.94	112.69 2.44 -87.90	138.56 9.70 -38.93	204.59 14.25 -55.31	322.38 28.28 4.06	152.56 14.08 1.24	140.14 12.86 0.09	155.39 12.81 -17.67	147.16 1.73 -128.73	82.62 1.64 -65.14	141.32 -0.01 -141.80
AST_ENERGY_2_CC3 323677	27.36 0.54 -20.29	28.12 -0.12 -29.84	27.04 0.21 -24.02	26.99 0.84 -15.29	27.60 2.01 -0.15	28.94 2.07 -1.52	52.85 2.11 -26.50	96.31 1.91 -72.34	86.16 0.94 -74.81	64.44 0.94 -53.52	102.98 3.14 -67.93	98.39 2.03 -76.20	134.21 2.38 -108.60	86.91 2.68 -58.93	112.57 2.33 -87.89	138.12 9.27 -38.93	203.77 13.43 -55.30	320.60 26.49 4.06	151.58 13.10 1.24	139.32 12.04 0.09	154.57 12.00 -17.66	145.62 1.63 -127.29	82.52 1.56 -65.13	141.32 0.00 -141.79
AST_ENERGY_2_CC4 323678	27.36 0.54 -20.29	28.12 -0.12 -29.84	27.04 0.21 -24.02	26.99 0.84 -15.29	27.60 2.01 -0.15	28.94 2.07 -1.52	52.85 2.11 -26.50	96.31 1.91 -72.34	86.16 0.94 -74.81	64.44 0.94 -53.52	102.98 3.14 -67.93	98.39 2.03 -76.20	134.21 2.38 -108.60	86.91 2.68 -58.93	112.57 2.33 -87.89	138.12 9.27 -38.93	203.77 13.43 -55.30	320.60 26.49 4.06	151.58 13.10 1.24	139.32 12.04 0.09	154.57 12.00 -17.66	145.62 1.63 -127.29	82.52 1.56 -65.13	141.32 0.00 -141.79
ATHENS_STG_1 23668	29.57 0.38 -22.66	31.62 -0.09 -33.32	29.79 0.16 -26.82	28.57 0.64 -17.07	27.14 1.53 -0.17	28.56 1.52 -1.70	55.34 1.52 -29.59	104.21 1.38 -80.78	94.61 0.67 -83.53	70.38 0.64 -59.76	109.85 2.09 -75.85	106.55 1.31 -85.08	146.01 1.52 -121.25	92.78 1.68 -65.79	121.69 1.47 -97.87	138.44 5.81 -42.70	205.41 8.63 -61.74	311.74 17.40 3.83	146.99 8.45 1.17	135.22 7.94 0.08	152.86 7.92 -20.03	159.93 1.06 -142.17	89.56 1.00 -72.72	157.85 -0.01 -158.33
ATHENS_STG_2 23670	29.57 0.38 -22.66	31.62 -0.09 -33.32	29.79 0.16 -26.82	28.57 0.64 -17.07	27.14 1.53 -0.17	28.56 1.52 -1.70	55.34 1.52 -29.59	104.21 1.38 -80.78	94.61 0.67 -83.53	70.38 0.64 -59.76	109.85 2.09 -75.85	106.55 1.31 -85.08	146.01 1.52 -121.25	92.78 1.68 -65.79	121.69 1.47 -97.87	138.44 5.81 -42.70	205.41 8.63 -61.74	311.74 17.40 3.83	146.99 8.45 1.17	135.22 7.94 0.08	152.86 7.92 -20.03	159.93 1.06 -142.17	89.56 1.00 -72.72	157.85 -0.01 -158.33
ATHENS_STG_3 23677	29.57 0.38 -22.66	31.62 -0.09 -33.32	29.79 0.16 -26.82	28.57 0.64 -17.07	27.14 1.53 -0.17	28.56 1.52 -1.70	55.34 1.52 -29.59	104.21 1.38 -80.78	94.61 0.67 -83.53	70.38 0.64 -59.76	109.85 2.09 -75.85	106.55 1.31 -85.08	146.01 1.52 -121.25	92.78 1.68 -65.79	121.69 1.47 -97.87	138.44 5.81 -42.70	205.41 8.63 -61.74	311.74 17.40 3.83	146.99 8.45 1.17	135.22 7.94 0.08	152.86 7.92 -20.03	159.93 1.06 -142.17	89.56 1.00 -72.72	157.85 -0.01 -158.33
AUBURN___LFGE 323710	9.24 0.10 -2.61	2.22 -0.01 -3.84	5.93 0.04 -3.09	12.94 0.11 -1.97	25.45 -0.01 -0.02	25.65 0.11 -0.20	27.89 0.25 -3.41	31.63 0.28 -9.30	20.18 0.15 -9.62	17.00 0.14 -6.88	41.18 0.53 -8.73	31.25 0.16 -10.93	37.39 0.20 -13.96	33.16 0.28 -7.58	33.79 0.19 -11.26	95.66 0.84 -4.89	143.39 1.24 -7.11	305.22 3.25 -3.80	142.03 1.15 -1.16	128.90 1.46 -0.08	129.93 0.81 -4.21	34.10 0.14 -17.26	24.84 0.14 -8.86	17.97 0.00 -18.43
BABYLON_RES_REC 323704	27.58 0.75 -20.30	28.09 -0.15 -29.85	27.12 0.28 -24.03	27.29 1.13 -15.29	28.37 2.78 -0.15	29.68 2.82 -1.52	53.63 2.89 -26.51	105.13 2.62 -80.46	219.52 1.26 -207.85	64.62 1.10 -53.53	103.59 3.73 -67.95	98.72 2.33 -76.22	137.47 2.88 -111.36	113.80 3.20 -85.29	113.01 2.76 -87.91	140.05 11.19 -38.94	206.05 15.70 -55.32	326.65 32.54 4.06	155.14 16.67 1.24	142.13 14.85 0.09	156.84 14.26 -17.66	145.95 1.93 -127.32	82.76 1.78 -65.14	141.33 -0.02 -141.82



BARRETT_IC_1 23704	27.48	28.11	27.08	27.14	28.03	29.33	53.27	104.79	219.35	64.51	103.29	98.55	137.26	113.55	112.79	139.06	204.42	322.56	152.92	140.10	155.06	145.73	82.57	141.34
	0.64	-0.13	0.24	0.99	2.45	2.46	2.53	2.28	1.10	0.99	3.43	2.17	2.67	2.95	2.54	10.20	14.08	28.45	14.45	12.83	12.49	1.71	1.59	-0.02
	-20.30	-29.85	-24.03	-15.29	-0.15	-1.52	-26.51	-80.46	-207.85	-53.53	-67.95	-76.22	-111.36	-85.29	-87.91	-38.94	-55.32	4.06	1.24	0.09	-17.66	-127.32	-65.14	-141.82
BARRETT_IC_10 23701	27.48	28.11	27.08	27.14	28.03	29.33	53.27	104.79	219.35	64.51	103.29	98.55	137.26	113.55	112.79	139.06	204.42	322.56	152.92	140.10	155.06	145.73	82.57	141.34
	0.64	-0.13	0.24	0.99	2.45	2.46	2.53	2.28	1.10	0.99	3.43	2.17	2.67	2.95	2.54	10.20	14.08	28.45	14.45	12.83	12.49	1.71	1.59	-0.02
	-20.30	-29.85	-24.03	-15.29	-0.15	-1.52	-26.51	-80.46	-207.85	-53.53	-67.95	-76.22	-111.36	-85.29	-87.91	-38.94	-55.32	4.06	1.24	0.09	-17.66	-127.32	-65.14	-141.82
BARRETT_IC_11 23702	27.48	28.11	27.08	27.14	28.03	29.33	53.27	104.79	219.35	64.51	103.29	98.55	137.26	113.55	112.79	139.06	204.42	322.56	152.92	140.10	155.06	145.73	82.57	141.34
	0.64	-0.13	0.24	0.99	2.45	2.46	2.53	2.28	1.10	0.99	3.43	2.17	2.67	2.95	2.54	10.20	14.08	28.45	14.45	12.83	12.49	1.71	1.59	-0.02
	-20.30	-29.85	-24.03	-15.29	-0.15	-1.52	-26.51	-80.46	-207.85	-53.53	-67.95	-76.22	-111.36	-85.29	-87.91	-38.94	-55.32	4.06	1.24	0.09	-17.66	-127.32	-65.14	-141.82
BARRETT_IC_12 23703	27.48	28.11	27.08	27.14	28.03	29.33	53.27	104.79	219.35	64.51	103.29	98.55	137.26	113.55	112.79	139.06	204.42	322.56	152.92	140.10	155.06	145.73	82.57	141.34
	0.64	-0.13	0.24	0.99	2.45	2.46	2.53	2.28	1.10	0.99	3.43	2.17	2.67	2.95	2.54	10.20	14.08	28.45	14.45	12.83	12.49	1.71	1.59	-0.02
	-20.30	-29.85	-24.03	-15.29	-0.15	-1.52	-26.51	-80.46	-207.85	-53.53	-67.95	-76.22	-111.36	-85.29	-87.91	-38.94	-55.32	4.06	1.24	0.09	-17.66	-127.32	-65.14	-141.82
BARRETT_IC_2 23705	27.48	28.11	27.08	27.14	28.03	29.33	53.27	104.79	219.35	64.51	103.29	98.55	137.26	113.55	112.79	139.06	204.42	322.56	152.92	140.10	155.06	145.73	82.57	141.34
	0.64	-0.13	0.24	0.99	2.45	2.46	2.53	2.28	1.10	0.99	3.43	2.17	2.67	2.95	2.54	10.20	14.08	28.45	14.45	12.83	12.49	1.71	1.59	-0.02
	-20.30	-29.85	-24.03	-15.29	-0.15	-1.52	-26.51	-80.46	-207.85	-53.53	-67.95	-76.22	-111.36	-85.29	-87.91	-38.94	-55.32	4.06	1.24	0.09	-17.66	-127.32	-65.14	-141.82
BARRETT_IC_3 23706	27.48	28.11	27.08	27.14	28.03	29.33	53.27	104.79	219.35	64.51	103.29	98.55	137.26	113.55	112.79	139.06	204.42	322.56	152.92	140.10	155.06	145.73	82.57	141.34
	0.64	-0.13	0.24	0.99	2.45	2.46	2.53	2.28	1.10	0.99	3.43	2.17	2.67	2.95	2.54	10.20	14.08	28.45	14.45	12.83	12.49	1.71	1.59	-0.02
	-20.30	-29.85	-24.03	-15.29	-0.15	-1.52	-26.51	-80.46	-207.85	-53.53	-67.95	-76.22	-111.36	-85.29	-87.91	-38.94	-55.32	4.06	1.24	0.09	-17.66	-127.32	-65.14	-141.82
BARRETT_IC_4 23707	27.48	28.11	27.08	27.14	28.03	29.33	53.27	104.79	219.35	64.51	103.29	98.55	137.26	113.55	112.79	139.06	204.42	322.56	152.92	140.10	155.06	145.73	82.57	141.34
	0.64	-0.13	0.24	0.99	2.45	2.46	2.53	2.28	1.10	0.99	3.43	2.17	2.67	2.95	2.54	10.20	14.08	28.45	14.45	12.83	12.49	1.71	1.59	-0.02
	-20.30	-29.85	-24.03	-15.29	-0.15	-1.52	-26.51	-80.46	-207.85	-53.53	-67.95	-76.22	-111.36	-85.29	-87.91	-38.94	-55.32	4.06	1.24	0.09	-17.66	-127.32	-65.14	-141.82
BARRETT_IC_5 23708	27.48	28.11	27.08	27.14	28.03	29.33	53.27	104.79	219.35	64.51	103.29	98.55	137.26	113.55	112.79	139.06	204.42	322.56	152.92	140.10	155.06	145.73	82.57	141.34
	0.64	-0.13	0.24	0.99	2.45	2.46	2.53	2.28	1.10	0.99	3.43	2.17	2.67	2.95	2.54	10.20	14.08	28.45	14.45	12.83	12.49	1.71	1.59	-0.02
	-20.30	-29.85	-24.03	-15.29	-0.15	-1.52	-26.51	-80.46	-207.85	-53.53	-67.95	-76.22	-111.36	-85.29	-87.91	-38.94	-55.32	4.06	1.24	0.09	-17.66	-127.32	-65.14	-141.82
BARRETT_IC_6 23709	27.48	28.11	27.08	27.14	28.03	29.33	53.27	104.79	219.35	64.51	103.29	98.55	137.26	113.55	112.79	139.06	204.42	322.56	152.92	140.10	155.06	145.73	82.57	141.34
	0.64	-0.13	0.24	0.99	2.45	2.46	2.53	2.28	1.10	0.99	3.43	2.17	2.67	2.95	2.54	10.20	14.08	28.45	14.45	12.83	12.49	1.71	1.59	-0.02
	-20.30	-29.85	-24.03	-15.29	-0.15	-1.52	-26.51	-80.46	-207.85	-53.53	-67.95	-76.22	-111.36	-85.29	-87.91	-38.94	-55.32	4.06	1.24	0.09	-17.66	-127.32	-65.14	-141.82
BARRETT_IC_7 23710	27.48	28.11	27.08	27.14	28.03	29.33	53.27	104.79	219.35	64.51	103.29	98.55	137.26	113.55	112.79	139.06	204.42	322.56	152.92	140.10	155.06	145.73	82.57	141.34
	0.64	-0.13	0.24	0.99	2.45	2.46	2.53	2.28	1.10	0.99	3.43	2.17	2.67	2.95	2.54	10.20	14.08	28.45	14.45	12.83	12.49	1.71	1.59	-0.02
	-20.30	-29.85	-24.03	-15.29	-0.15	-1.52	-26.51	-80.46	-207.85	-53.53	-67.95	-76.22	-111.36	-85.29	-87.91	-38.94	-55.32	4.06	1.24	0.09	-17.66	-127.32	-65.14	-141.82
BARRETT_IC_8 23711	27.48	28.11	27.08	27.14	28.03	29.33	53.27	104.79	219.35	64.51	103.29	98.55	137.26	113.55	112.79	139.06	204.42	322.56	152.92	140.10	155.06	145.73	82.57	141.34
	0.64	-0.13	0.24	0.99	2.45	2.46	2.53	2.28	1.10	0.99	3.43	2.17	2.67	2.95	2.54	10.20	14.08	28.45	14.45	12.83	12.49	1.71	1.59	-0.02
	-20.30	-29.85	-24.03	-15.29	-0.15	-1.52	-26.51	-80.46	-207.85	-53.53	-67.95	-76.22	-111.36	-85.29	-87.91	-38.94	-55.32	4.06	1.24	0.09	-17.66	-127.32	-65.14	-141.82
BARRETT_IC_9 23700	27.48	28.11	27.08	27.14	28.03	29.33	53.27	104.79	219.35	64.51	103.29	98.55	137.26	113.55	112.79	139.06	204.42	322.56	152.92	140.10	155.06	145.73	82.57	141.34
	0.64	-0.13	0.24	0.99	2.45	2.46	2.53	2.28	1.10	0.99	3.43	2.17	2.67	2.95	2.54	10.20	14.08	28.45	14.45	12.83	12.49	1.71	1.59	-0.02
	-20.30	-29.85	-24.03	-15.29	-0.15	-1.52	-26.51	-80.46	-207.85	-53.53	-67.95	-76.22	-111.36	-85.29	-87.91	-38.94	-55.32	4.06	1.24	0.09	-17.66	-127.32	-65.14	-141.82
BARRETT__1 23545	27.48	28.11	27.08	27.14	28.03	29.33	53.27	104.79	219.35	64.51	103.29	98.55	137.26	113.55	112.79	139.06	204.42	322.56	152.92	140.10	155.06	145.73	82.57	141.34
	0.64	-0.13	0.24	0.99	2.45	2.46	2.53	2.28	1.10	0.99	3.43	2.17	2.67	2.95	2.54	10.20	14.08	28.45	14.45	12.83	12.49	1.71	1.59	-0.02
	-20.30	-29.85	-24.03	-15.29	-0.15	-1.52	-26.51	-80.46	-207.85	-53.53	-67.95	-76.22	-111.36	-85.29	-87.91	-38.94	-55.32	4.06	1.24	0.09	-17.66	-127.32	-65.14	-141.82
BARRETT__2 23546	27.48	28.11	27.08	27.14	28.03	29.33	53.27	104.79	219.35	64.51	103.29	98.55	137.26	113.55	112.79	139.06	204.42	322.56	152.92	140.10	155.06	145.73	82.57	141.34
	0.64	-0.13	0.24	0.99	2.45	2.46	2.53	2.28	1.10	0.99	3.43	2.17	2.67	2.95	2.54	10.20	14.08	28.45	14.45	12.83	12.49	1.71	1.59	-0.02
	-20.30	-29.85	-24.03	-15.29	-0.15	-1.52	-26.51	-80.46	-207.85	-53.53	-67.95	-76.22	-111.36	-85.29	-87.91	-38.94	-55.32	4.06	1.24	0.09	-17.66	-127.32	-65.14	-141.82
BAYONEEC__CTG1 323682	27.35	28.12	27.04	26.98	27.59	28.94	52.87	96.32	86.17	64.44	103.01	98.39	134.22	86.91	112.57	138.18	204.00	321.01	151.68	139.35	154.72	145.63	82.53	141.31
	0.53	-0.11	0.21	0.82	2.00	2.07	2.13	1.93	0.95	0.94	3.17	2.03	2.39	2.68	2.33	9.33	13.66	26.90	13.21	12.08	12.15	1.64	1.56	-0.01
	-20.29	-29.84	-24.02	-15.29	-0.15	-1.52	-26.50	-72.34	-74.81	-53.52	-67.93	-76.20	-108.60	-58.93	-87.89	-38.93	-55.30	4.06	1.24	0.09	-17.67	-127.29	-65.13	-141.79



BAYONEEC___CTG10 323750	27.35 0.53 -20.29	28.12 -0.11 -29.84	27.04 0.21 -24.02	26.98 0.82 -15.29	27.59 2.00 -0.15	28.94 2.07 -1.52	52.87 2.13 -26.50	96.32 1.93 -72.34	86.17 0.95 -74.81	64.44 0.94 -53.52	103.01 3.17 -67.93	98.39 2.03 -76.20	134.22 2.39 -108.60	86.91 2.68 -58.93	112.57 2.33 -87.89	138.18 9.33 -38.93	204.00 13.66 -55.30	321.01 26.90 4.06	151.68 13.21 1.24	139.35 12.08 0.09	154.72 12.15 -17.66	145.63 1.64 -127.29	82.53 1.56 -65.13	141.31 -0.01 -141.79
BAYONEEC___CTG2 323683	27.35 0.53 -20.29	28.12 -0.11 -29.84	27.04 0.21 -24.02	26.98 0.82 -15.29	27.59 2.00 -0.15	28.94 2.07 -1.52	52.87 2.13 -26.50	96.32 1.93 -72.34	86.17 0.95 -74.81	64.44 0.94 -53.52	103.01 3.17 -67.93	98.39 2.03 -76.20	134.22 2.39 -108.60	86.91 2.68 -58.93	112.57 2.33 -87.89	138.18 9.33 -38.93	204.00 13.66 -55.30	321.01 26.90 4.06	151.68 13.21 1.24	139.35 12.08 0.09	154.72 12.15 -17.66	145.63 1.64 -127.29	82.53 1.56 -65.13	141.31 -0.01 -141.79
BAYONEEC___CTG3 323684	27.35 0.53 -20.29	28.12 -0.11 -29.84	27.04 0.21 -24.02	26.98 0.82 -15.29	27.59 2.00 -0.15	28.94 2.07 -1.52	52.87 2.13 -26.50	96.32 1.93 -72.34	86.17 0.95 -74.81	64.44 0.94 -53.52	103.01 3.17 -67.93	98.39 2.03 -76.20	134.22 2.39 -108.60	86.91 2.68 -58.93	112.57 2.33 -87.89	138.18 9.33 -38.93	204.00 13.66 -55.30	321.01 26.90 4.06	151.68 13.21 1.24	139.35 12.08 0.09	154.72 12.15 -17.66	145.63 1.64 -127.29	82.53 1.56 -65.13	141.31 -0.01 -141.79
BAYONEEC___CTG4 323685	27.35 0.53 -20.29	28.12 -0.11 -29.84	27.04 0.21 -24.02	26.98 0.82 -15.29	27.59 2.00 -0.15	28.94 2.07 -1.52	52.87 2.13 -26.50	96.32 1.93 -72.34	86.17 0.95 -74.81	64.44 0.94 -53.52	103.01 3.17 -67.93	98.39 2.03 -76.20	134.22 2.39 -108.60	86.91 2.68 -58.93	112.57 2.33 -87.89	138.18 9.33 -38.93	204.00 13.66 -55.30	321.01 26.90 4.06	151.68 13.21 1.24	139.35 12.08 0.09	154.72 12.15 -17.66	145.63 1.64 -127.29	82.53 1.56 -65.13	141.31 -0.01 -141.79
BAYONEEC___CTG5 323686	27.35 0.53 -20.29	28.12 -0.11 -29.84	27.04 0.21 -24.02	26.98 0.82 -15.29	27.59 2.00 -0.15	28.94 2.07 -1.52	52.87 2.13 -26.50	96.32 1.93 -72.34	86.17 0.95 -74.81	64.44 0.94 -53.52	103.01 3.17 -67.93	98.39 2.03 -76.20	134.22 2.39 -108.60	86.91 2.68 -58.93	112.57 2.33 -87.89	138.18 9.33 -38.93	204.00 13.66 -55.30	321.01 26.90 4.06	151.68 13.21 1.24	139.35 12.08 0.09	154.72 12.15 -17.66	145.63 1.64 -127.29	82.53 1.56 -65.13	141.31 -0.01 -141.79
BAYONEEC___CTG6 323687	27.35 0.53 -20.29	28.12 -0.11 -29.84	27.04 0.21 -24.02	26.98 0.82 -15.29	27.59 2.00 -0.15	28.94 2.07 -1.52	52.87 2.13 -26.50	96.32 1.93 -72.34	86.17 0.95 -74.81	64.44 0.94 -53.52	103.01 3.17 -67.93	98.39 2.03 -76.20	134.22 2.39 -108.60	86.91 2.68 -58.93	112.57 2.33 -87.89	138.18 9.33 -38.93	204.00 13.66 -55.30	321.01 26.90 4.06	151.68 13.21 1.24	139.35 12.08 0.09	154.72 12.15 -17.66	145.63 1.64 -127.29	82.53 1.56 -65.13	141.31 -0.01 -141.79
BAYONEEC___CTG7 323688	27.35 0.53 -20.29	28.12 -0.11 -29.84	27.04 0.21 -24.02	26.98 0.82 -15.29	27.59 2.00 -0.15	28.94 2.07 -1.52	52.87 2.13 -26.50	96.32 1.93 -72.34	86.17 0.95 -74.81	64.44 0.94 -53.52	103.01 3.17 -67.93	98.39 2.03 -76.20	134.22 2.39 -108.60	86.91 2.68 -58.93	112.57 2.33 -87.89	138.18 9.33 -38.93	204.00 13.66 -55.30	321.01 26.90 4.06	151.68 13.21 1.24	139.35 12.08 0.09	154.72 12.15 -17.66	145.63 1.64 -127.29	82.53 1.56 -65.13	141.31 -0.01 -141.79
BAYONEEC___CTG8 323689	27.35 0.53 -20.29	28.12 -0.11 -29.84	27.04 0.21 -24.02	26.98 0.82 -15.29	27.59 2.00 -0.15	28.94 2.07 -1.52	52.87 2.13 -26.50	96.32 1.93 -72.34	86.17 0.95 -74.81	64.44 0.94 -53.52	103.01 3.17 -67.93	98.39 2.03 -76.20	134.22 2.39 -108.60	86.91 2.68 -58.93	112.57 2.33 -87.89	138.18 9.33 -38.93	204.00 13.66 -55.30	321.01 26.90 4.06	151.68 13.21 1.24	139.35 12.08 0.09	154.72 12.15 -17.66	145.63 1.64 -127.29	82.53 1.56 -65.13	141.31 -0.01 -141.79
BAYONEEC___CTG9 323749	27.35 0.53 -20.29	28.12 -0.11 -29.84	27.04 0.21 -24.02	26.98 0.82 -15.29	27.59 2.00 -0.15	28.94 2.07 -1.52	52.87 2.13 -26.50	96.32 1.93 -72.34	86.17 0.95 -74.81	64.44 0.94 -53.52	103.01 3.17 -67.93	98.39 2.03 -76.20	134.22 2.39 -108.60	86.91 2.68 -58.93	112.57 2.33 -87.89	138.18 9.33 -38.93	204.00 13.66 -55.30	321.01 26.90 4.06	151.68 13.21 1.24	139.35 12.08 0.09	154.72 12.15 -17.66	145.63 1.64 -127.29	82.53 1.56 -65.13	141.31 -0.01 -141.79
BEACON___LESR 323632	33.89 0.53 -26.82	37.70 -0.13 -39.44	34.78 0.22 -31.75	31.94 0.87 -20.21	27.71 2.07 -0.20	29.44 2.09 -2.01	61.26 1.99 -35.03	119.49 1.81 -95.62	110.03 0.86 -98.76	81.43 0.79 -70.65	124.27 2.69 -89.66	122.44 1.69 -100.58	168.43 1.85 -143.35	105.12 2.02 -77.78	139.89 1.88 -115.67	147.77 7.47 -50.37	219.41 11.36 -73.01	318.29 23.22 3.09	149.63 10.86 0.95	137.42 10.13 0.07	159.77 10.53 -24.33	186.50 1.40 -168.39	103.32 1.35 -86.14	187.05 -0.03 -187.54
BEAVER RIVER___HYD 24048	7.02 0.04 -0.44	-0.96 0.00 -0.65	3.36 0.02 -0.52	11.30 0.11 -0.33	25.83 0.39 0.00	25.85 0.47 -0.03	25.41 0.59 -0.58	24.16 0.53 -1.58	12.19 0.13 -1.66	11.29 0.13 -1.19	33.99 0.57 -1.50	22.32 0.47 -1.69	26.28 0.64 -2.40	27.23 0.62 -1.31	24.75 0.47 -1.94	92.71 1.94 -0.84	139.94 3.73 -1.18	308.45 10.28 0.00	144.41 4.69 0.00	131.18 3.82 0.00	128.68 3.35 -0.41	19.78 0.39 -2.69	17.57 0.37 -1.37	2.51 0.00 -2.97
BEEBEE_GT_13 23619	8.89 -0.12 -2.48	2.06 0.03 -3.64	5.68 -0.06 -2.94	12.48 -0.28 -1.90	24.75 -0.72 -0.02	25.13 -0.70 -0.48	26.95 -0.53 -3.25	31.15 -0.38 -9.48	22.16 -0.18 -11.93	17.96 -0.14 -8.12	40.81 -0.33 -9.22	27.82 -0.39 -8.05	41.74 -0.48 -18.99	39.48 -0.54 -14.71	39.80 -0.46 -17.92	112.50 -2.15 -24.73	171.02 -3.18 -39.16	326.53 -6.30 -34.67	154.34 -2.70 -17.33	146.98 -2.22 -21.84	137.10 -2.89 -15.08	34.18 -0.36 -17.83	24.55 -0.38 -9.09	18.23 0.01 -18.68
BETHLEHEM___GRP 23843	33.74 0.41 -26.80	37.69 -0.10 -39.40	34.71 0.18 -31.72	31.75 0.70 -20.19	27.28 1.64 -0.20	28.95 1.60 -2.01	60.63 1.40 -35.00	118.79 1.22 -95.53	109.64 0.58 -98.65	81.09 0.54 -70.57	123.35 1.87 -89.57	121.80 1.16 -100.47	167.68 1.26 -143.20	104.35 1.35 -77.70	139.10 1.21 -115.55	145.04 4.79 -50.32	215.17 7.20 -72.93	309.86 14.79 3.10	145.80 7.04 0.95	133.93 6.64 0.07	156.03 6.81 -24.30	185.84 0.92 -168.22	102.88 0.99 -86.05	186.87 -0.02 -187.35
BETHLEHEM___GS1 323560	33.74 0.41 -26.80	37.69 -0.10 -39.40	34.71 0.18 -31.72	31.75 0.70 -20.19	27.28 1.64 -0.20	28.95 1.60 -2.01	60.63 1.40 -35.00	118.79 1.22 -95.53	109.64 0.58 -98.65	81.09 0.54 -70.57	123.35 1.87 -89.57	121.80 1.16 -100.47	167.68 1.26 -143.20	104.35 1.35 -77.70	139.10 1.21 -115.55	145.04 4.79 -50.32	215.17 7.20 -72.93	309.86 14.79 3.10	145.80 7.04 0.95	133.93 6.64 0.07	156.03 6.81 -24.30	185.84 0.92 -168.22	102.88 0.99 -86.05	186.87 -0.02 -187.35
BETHLEHEM___GS2 323561	33.74 0.41 -26.80	37.69 -0.10 -39.40	34.71 0.18 -31.72	31.75 0.70 -20.19	27.28 1.64 -0.20	28.95 1.60 -2.01	60.63 1.40 -35.00	118.79 1.22 -95.53	109.64 0.58 -98.65	81.09 0.54 -70.57	123.35 1.87 -89.57	121.80 1.16 -100.47	167.68 1.26 -143.20	104.35 1.35 -77.70	139.10 1.21 -115.55	145.04 4.79 -50.32	215.17 7.20 -72.93	309.86 14.79 3.10	145.80 7.04 0.95	133.93 6.64 0.07	156.03 6.81 -24.30	185.84 0.92 -168.22	102.88 0.99 -86.05	186.87 -0.02 -187.35



BETHLEHEM___GS3 323562	33.74 0.41 -26.80	37.69 -0.10 -39.40	34.71 0.18 -31.72	31.75 0.70 -20.19	27.28 1.64 -0.20	28.95 1.60 -2.01	60.63 1.40 -35.00	118.79 1.22 -95.53	109.64 0.58 -98.65	81.09 0.54 -70.57	123.35 1.87 -89.57	121.80 1.16 -100.47	167.68 1.26 -143.20	104.35 1.35 -77.70	139.10 1.21 -115.55	145.04 4.79 -50.32	215.17 7.20 -72.93	309.86 14.79 3.10	145.80 7.04 0.95	133.93 6.64 0.07	156.03 6.81 -24.30	185.84 0.92 -168.22	102.88 0.99 -86.05	186.87 -0.02 -187.35
BETHLEHEM___STEEL 23779	9.90 -0.38 -3.75	4.01 0.10 -5.52	7.05 -0.18 -4.42	12.82 -0.74 -2.70	23.69 -1.78 -0.03	22.71 -1.87 0.76	27.21 -1.84 -4.81	31.72 -1.58 -11.24	14.36 -0.78 -4.72	14.03 -0.67 -4.71	39.46 -1.96 -9.50	27.36 -1.60 -8.80	22.75 -1.79 -1.31	9.85 -1.95 13.50	13.40 -1.65 7.29	24.56 -7.00 58.36	29.53 -10.58 94.92	32.01 -23.84 242.31	32.39 -10.73 96.59	43.11 -9.07 75.18	19.12 -9.69 96.10	17.22 -1.28 -1.79	17.40 -1.25 -2.81	15.47 0.02 -15.91
BETHPAGE_CC_5 323564	27.54 0.71 -20.30	28.09 -0.14 -29.85	27.11 0.27 -24.03	27.23 1.07 -15.29	28.25 2.66 -0.15	29.56 2.70 -1.52	53.51 2.77 -26.51	105.02 2.51 -80.46	219.46 1.21 -207.85	64.57 1.06 -53.53	103.44 3.58 -67.95	98.64 2.26 -76.22	137.37 2.78 -111.36	113.67 3.07 -85.29	112.89 2.63 -87.91	139.49 10.63 -38.94	205.33 14.98 -55.32	324.93 30.83 4.06	154.20 15.72 1.24	141.24 13.97 0.09	156.10 13.52 -17.66	145.85 1.83 -127.32	82.66 1.68 -65.14	141.33 -0.02 -141.82
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	9.96 -0.36 -3.79	4.06 0.09 -5.58	7.11 -0.17 -4.47	12.90 -0.70 -2.73	23.77 -1.70 -0.03	22.83 -1.77 0.75	27.35 -1.74 -4.86	31.98 -1.49 -11.42	14.70 -0.74 -5.03	14.26 -0.63 -4.91	39.76 -1.85 -9.69	27.55 -1.53 -8.93	23.38 -1.70 -1.85	10.47 -1.85 12.98	14.07 -1.55 6.73	26.11 -6.60 57.21	31.91 -10.04 93.08	36.43 -22.67 239.06	34.23 -10.26 95.22	44.75 -8.66 73.95	20.99 -9.18 94.75	17.77 -1.23 -2.29	17.67 -1.21 -3.04	15.90 0.02 -16.34
BINGHAMTON___COGEN 23790	13.25 0.03 -6.70	8.24 0.00 -9.84	10.74 0.01 -7.92	15.90 0.02 -5.02	25.51 0.02 -0.05	25.70 0.05 -0.31	33.06 0.10 -8.73	45.64 0.14 -23.45	33.37 0.06 -22.90	26.69 0.07 -16.64	53.94 0.22 -21.80	43.37 -0.02 -23.23	55.46 0.05 -32.18	40.05 0.07 -14.68	46.71 0.07 -24.29	90.07 0.33 0.19	133.42 0.63 2.24	268.36 0.05 29.86	126.55 0.22 13.38	113.77 0.38 13.97	120.25 0.52 5.18	55.46 0.03 -38.73	35.49 -0.02 -19.67	45.16 0.01 -45.61
BLACK RIVER___HYD 24047	7.39 0.03 -0.83	-0.36 0.03 -1.23	3.82 0.02 -0.99	11.57 0.08 -0.63	25.81 0.36 -0.01	25.92 0.51 -0.06	26.07 0.75 -1.09	25.68 0.64 -2.98	13.61 0.11 -3.10	12.30 0.10 -2.22	35.30 0.57 -2.82	23.80 0.48 -3.16	28.38 0.65 -4.50	28.35 0.61 -2.44	26.41 0.44 -3.63	93.65 2.15 -1.58	141.67 4.38 -2.26	310.49 12.32 0.00	145.40 5.68 0.00	131.89 4.52 0.00	129.36 3.65 -0.80	22.36 0.46 -5.19	18.87 0.39 -2.65	5.32 0.01 -5.77
BLISS_WT_PWR 323608	10.02 -0.48 -3.98	4.38 0.14 -5.85	7.31 -0.19 -4.69	13.06 -0.68 -2.88	23.42 -2.05 -0.03	22.32 -2.36 0.66	27.00 -2.34 -5.11	32.27 -2.03 -12.25	15.81 -1.02 -6.42	14.91 -0.88 -5.81	39.86 -2.62 -10.56	27.62 -1.96 -9.42	25.42 -2.16 -4.34	12.51 -2.29 10.51	16.50 -1.76 4.09	30.81 -7.41 51.70	39.38 -11.33 84.33	46.85 -25.19 226.13	36.71 -13.58 89.42	47.95 -11.41 68.00	23.21 -12.25 89.46	19.43 -1.69 -4.41	18.32 -1.56 -4.04	17.71 0.01 -18.17
BLUE_CIRC_CHEM_DRP 24182	31.20 0.36 -24.31	34.05 -0.09 -35.75	31.75 0.15 -28.78	29.79 0.61 -18.32	27.05 1.43 -0.18	28.56 1.39 -1.82	57.28 1.30 -31.75	109.89 1.16 -86.67	100.52 0.54 -89.56	74.57 0.51 -64.07	114.95 1.72 -81.32	112.44 1.06 -91.22	154.41 1.17 -130.01	97.12 1.27 -70.54	128.42 1.16 -104.91	140.25 4.61 -45.71	208.14 6.89 -66.21	308.94 14.24 3.47	145.32 6.67 1.06	133.61 6.32 0.08	153.11 6.43 -21.77	170.14 0.85 -152.59	94.75 0.86 -78.05	169.45 -0.02 -169.94
BOC_GAS_DRP 24189	33.05 0.35 -26.16	36.77 -0.09 -38.47	33.93 0.15 -30.97	31.18 0.60 -19.71	27.05 1.42 -0.19	28.69 1.39 -1.96	59.73 1.33 -34.17	116.50 1.19 -93.26	107.32 0.57 -96.34	79.44 0.54 -68.92	121.17 1.78 -87.47	119.40 1.11 -98.12	164.34 1.26 -139.85	102.55 1.36 -75.88	136.40 1.21 -112.85	143.86 4.79 -49.14	213.38 7.13 -71.22	309.36 14.39 3.19	145.70 6.96 0.97	133.87 6.58 0.07	155.24 6.67 -23.66	181.81 0.89 -164.22	100.72 0.88 -84.00	182.41 -0.02 -182.89
BORALEX_4TH_BRANCH 23824	34.31 0.54 -27.25	38.31 -0.14 -40.06	35.30 0.24 -32.25	32.32 0.93 -20.53	27.82 2.18 -0.20	29.63 2.24 -2.04	62.10 2.28 -35.58	121.29 2.11 -97.13	111.86 0.98 -100.47	82.77 0.91 -71.87	126.06 2.92 -91.22	124.31 1.82 -102.33	171.14 2.07 -145.84	106.69 2.25 -79.13	142.06 2.04 -117.68	149.39 8.20 -51.26	221.70 12.38 -74.28	321.64 26.45 2.98	151.07 12.27 0.91	138.67 11.38 0.07	160.99 11.25 -24.83	189.32 1.49 -171.12	104.71 1.38 -87.49	189.99 -0.04 -190.50
BOWLINE___1 23526	26.66 0.42 -19.71	27.28 -0.09 -28.98	26.31 0.17 -23.33	26.39 0.68 -14.85	27.25 1.66 -0.14	28.55 1.74 -1.48	51.75 1.78 -25.74	93.94 1.63 -70.25	83.86 0.80 -72.66	62.73 0.77 -51.98	100.42 2.54 -65.96	95.78 1.62 -74.00	130.61 1.91 -105.46	84.65 2.12 -57.22	108.70 1.84 -84.52	132.53 7.25 -35.35	199.55 10.81 -53.70	315.51 21.47 4.13	149.11 10.66 1.26	136.97 9.70 0.09	151.68 9.70 -17.07	141.60 1.31 -123.60	80.29 1.21 -63.24	137.20 -0.01 -137.67
BOWLINE___2 23595	26.66 0.42 -19.71	27.28 -0.09 -28.98	26.31 0.17 -23.33	26.40 0.69 -14.85	27.27 1.69 -0.14	28.57 1.75 -1.48	51.75 1.78 -25.74	93.95 1.63 -70.26	83.87 0.80 -72.66	62.74 0.78 -51.98	100.44 2.55 -65.97	95.79 1.62 -74.00	130.62 1.92 -105.47	84.67 2.13 -57.23	108.72 1.85 -84.52	132.53 7.26 -35.35	199.55 10.81 -53.71	315.50 21.45 4.13	149.10 10.65 1.26	136.97 9.70 0.09	151.67 9.69 -17.07	141.61 1.31 -123.61	80.30 1.21 -63.25	137.22 -0.01 -137.69
BRANSCOMB___SOLAR 323811	35.68 0.54 -28.62	40.33 -0.14 -42.08	36.91 0.23 -33.87	33.32 0.90 -21.56	27.79 2.14 -0.21	29.76 2.27 -2.14	63.96 2.35 -37.37	126.24 2.19 -102.00	116.74 1.02 -105.31	86.27 0.95 -75.33	130.58 3.05 -95.61	129.31 1.90 -107.25	178.26 2.17 -152.86	110.58 2.33 -82.94	147.80 2.12 -123.33	152.33 8.72 -53.69	226.58 13.68 -77.86	325.33 29.98 2.82	152.63 13.79 0.86	140.08 12.78 0.06	163.57 12.49 -26.16	197.98 1.60 -179.68	109.19 1.45 -91.91	199.61 -0.04 -200.11
BROOKHAVEN___DRP 24191	27.65 0.83 -20.30	28.08 -0.16 -29.85	27.14 0.30 -24.03	27.37 1.21 -15.29	28.53 2.94 -0.15	29.84 2.98 -1.52	53.78 3.03 -26.51	105.23 2.72 -80.46	219.52 1.26 -207.85	64.60 1.08 -53.53	103.64 3.78 -67.95	98.80 2.42 -76.22	137.59 2.99 -111.36	113.88 3.28 -85.29	113.08 2.83 -87.91	140.25 11.38 -38.94	205.64 15.29 -55.32	325.14 31.03 4.06	155.71 17.24 1.24	142.61 15.34 0.09	157.23 14.65 -17.66	146.02 1.99 -127.32	82.85 1.87 -65.14	141.33 -0.02 -141.82
BROOKLYN_NAVY_YARD 23515	27.37 0.54 -20.29	28.11 -0.12 -29.84	27.05 0.22 -24.02	27.00 0.85 -15.29	27.62 2.03 -0.15	28.99 2.12 -1.52	52.92 2.18 -26.50	96.38 1.99 -72.34	86.20 0.98 -74.81	64.47 0.97 -53.52	102.98 3.14 -67.93	98.39 2.03 -76.20	134.17 2.34 -108.60	86.85 2.62 -58.93	112.52 2.29 -87.89	137.88 9.03 -38.93	203.54 13.20 -55.30	320.32 26.21 4.06	151.80 13.33 1.24	139.46 12.19 0.09	154.78 12.21 -17.66	145.66 1.66 -127.29	82.56 1.60 -65.13	141.32 -0.01 -141.79



BROOKLYN___ARMY_DRP 323595	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
BROOME_2_LFGE 323671	13.25 0.03 -6.70	8.24 0.00 -9.84	10.74 0.01 -7.92	15.90 0.02 -5.02	25.51 0.02 -0.05	25.70 0.05 -0.31	33.06 0.10 -8.73	45.64 0.14 -23.45	33.37 0.06 -22.90	26.69 0.07 -16.64	53.94 0.22 -21.80	43.37 -0.02 -23.23	55.46 0.05 -32.18	40.05 0.07 -14.68	46.71 0.07 -24.29	90.07 0.33 0.19	133.42 0.63 2.24	268.36 0.05 29.86	126.55 0.22 13.38	113.77 0.38 13.97	120.25 0.52 5.18	55.46 0.03 -38.73	35.49 -0.02 -19.67	45.16 0.01 -45.61
BROOME___LFGE 323600	13.25 0.03 -6.70	8.24 0.00 -9.84	10.74 0.01 -7.92	15.90 0.02 -5.02	25.51 0.02 -0.05	25.70 0.05 -0.31	33.06 0.10 -8.73	45.64 0.14 -23.45	33.37 0.06 -22.90	26.69 0.07 -16.64	53.94 0.22 -21.80	43.37 -0.02 -23.23	55.46 0.05 -32.18	40.05 0.07 -14.68	46.71 0.07 -24.29	90.07 0.33 0.19	133.42 0.63 2.24	268.36 0.05 29.86	126.55 0.22 13.38	113.77 0.38 13.97	120.25 0.52 5.18	55.46 0.03 -38.73	35.49 -0.02 -19.67	45.16 0.01 -45.61
BURROWS___LYONSDAL 23803	6.65 0.12 0.00	-1.64 -0.02 0.00	2.86 0.05 0.00	11.08 0.22 0.00	26.06 0.62 0.00	26.03 0.68 0.00	25.02 0.78 0.00	22.79 0.74 0.00	10.71 0.30 0.00	10.28 0.29 0.00	32.89 0.98 0.00	20.80 0.64 0.00	24.02 0.79 0.00	26.13 0.82 0.00	23.04 0.70 0.00	92.77 2.84 0.00	139.81 4.77 0.00	309.64 11.47 0.00	145.04 5.33 0.00	132.00 4.64 0.00	129.18 4.27 0.00	17.22 0.52 0.00	16.29 0.45 0.00	-0.47 -0.01 0.00
CAITHNESS_CC_1 323624	27.63 0.80 -20.30	28.08 -0.15 -29.85	27.14 0.30 -24.03	27.33 1.18 -15.29	28.46 2.87 -0.15	29.76 2.89 -1.52	53.69 2.95 -26.51	105.14 2.64 -80.46	219.48 1.23 -207.85	64.57 1.05 -53.53	103.55 3.69 -67.95	98.74 2.36 -76.22	137.52 2.93 -111.36	113.80 3.20 -85.29	113.01 2.76 -87.91	139.93 11.07 -38.94	205.17 14.82 -55.32	324.20 30.09 4.06	155.09 16.62 1.24	142.01 14.74 0.09	156.69 14.11 -17.66	145.94 1.92 -127.32	82.79 1.81 -65.14	141.33 -0.02 -141.82
CALPINE BETH_PAGE_GT4 24209	27.53 0.70 -20.30	28.09 -0.14 -29.85	27.10 0.26 -24.03	27.22 1.06 -15.29	28.23 2.64 -0.15	29.53 2.66 -1.52	53.49 2.75 -26.51	104.99 2.49 -80.46	219.45 1.19 -207.85	64.55 1.03 -53.53	103.36 3.49 -67.95	98.59 2.21 -76.22	137.31 2.71 -111.36	113.61 3.01 -85.29	112.83 2.58 -87.91	139.25 10.39 -38.94	205.01 14.67 -55.32	324.28 30.18 4.06	153.87 15.40 1.24	140.91 13.63 0.09	155.81 13.23 -17.66	145.81 1.79 -127.32	82.63 1.65 -65.14	141.33 -0.02 -141.82
CALPINE_BETH_PAGE_GT_4 323586	27.53 0.70 -20.30	28.09 -0.14 -29.85	27.10 0.26 -24.03	27.22 1.06 -15.29	28.23 2.64 -0.15	29.53 2.66 -1.52	53.49 2.75 -26.51	104.99 2.49 -80.46	219.45 1.19 -207.85	64.55 1.03 -53.53	103.36 3.49 -67.95	98.59 2.21 -76.22	137.31 2.71 -111.36	113.61 3.01 -85.29	112.83 2.58 -87.91	139.25 10.39 -38.94	205.01 14.67 -55.32	324.28 30.18 4.06	153.87 15.40 1.24	140.91 13.63 0.09	155.81 13.23 -17.66	145.81 1.79 -127.32	82.63 1.65 -65.14	141.33 -0.02 -141.82
CALPINE_BP_GT1 23823	27.53 0.70 -20.30	28.09 -0.14 -29.85	27.10 0.26 -24.03	27.22 1.06 -15.29	28.23 2.64 -0.15	29.53 2.66 -1.52	53.49 2.75 -26.51	104.99 2.49 -80.46	219.45 1.19 -207.85	64.55 1.03 -53.53	103.36 3.49 -67.95	98.59 2.21 -76.22	137.31 2.71 -111.36	113.61 3.01 -85.29	112.83 2.58 -87.91	139.25 10.39 -38.94	205.01 14.67 -55.32	324.28 30.18 4.06	153.87 15.40 1.24	140.91 13.63 0.09	155.81 13.23 -17.66	145.81 1.79 -127.32	82.63 1.65 -65.14	141.33 -0.02 -141.82
CALSPAN___DRP 24200	9.90 -0.38 -3.75	4.01 0.10 -5.52	7.05 -0.18 -4.42	12.82 -0.74 -2.70	23.69 -1.78 -0.03	22.71 -1.87 0.76	27.21 -1.84 -4.81	31.72 -1.58 -11.24	14.36 -0.78 -4.72	14.03 -0.67 -4.71	39.46 -1.96 -9.50	27.36 -1.60 -8.80	22.75 -1.79 -1.31	9.85 -1.95 13.50	13.40 -1.65 7.29	24.56 -7.00 58.36	29.53 -10.58 94.92	32.01 -23.84 242.31	32.39 -10.73 96.59	43.11 -9.07 75.18	19.12 -9.69 96.10	17.22 -1.28 -1.79	17.40 -1.25 -2.81	15.47 0.02 -15.91
CANDIGU_WT_PWR 323617	11.00 -0.28 -4.75	5.46 0.09 -6.98	8.29 -0.13 -5.61	13.90 -0.48 -3.52	24.32 -1.16 -0.04	24.10 -1.19 0.05	29.15 -1.21 -6.13	36.76 -1.01 -15.72	22.67 -0.49 -12.76	19.36 -0.43 -9.80	44.84 -1.30 -14.22	30.00 -1.13 -10.97	37.84 -1.17 -15.78	25.34 -1.30 -1.33	29.66 -1.13 -8.44	61.34 -4.44 24.15	88.31 -6.37 40.35	268.86 -15.55 13.76	117.12 -7.34 15.25	85.89 -6.58 34.89	121.48 -6.49 -3.06	40.59 -0.88 -24.77	25.67 -0.89 -10.72	32.25 0.02 -32.69
CARR STREET_E__SYR 24060	8.32 -0.04 -1.83	1.09 0.01 -2.69	4.95 -0.02 -2.17	12.13 -0.11 -1.38	25.14 -0.32 -0.01	25.19 -0.29 -0.14	26.42 -0.20 -2.39	28.43 -0.14 -6.52	17.11 -0.05 -6.74	14.77 -0.03 -4.82	37.87 -0.17 -6.12	26.87 -0.16 -6.87	32.82 -0.20 -9.79	30.40 -0.22 -5.31	30.04 -0.21 -7.90	92.39 -0.97 -3.43	138.36 -1.66 -4.99	294.59 -3.57 0.00	138.14 -1.57 0.00	125.98 -1.39 0.00	125.18 -1.50 -1.76	28.06 -0.15 -11.51	21.55 -0.16 -5.88	12.34 0.00 -12.80
CARTHAGE___PAPER 23857	7.27 0.06 -0.68	-0.60 0.01 -1.00	3.65 0.03 -0.81	11.51 0.13 -0.52	25.95 0.51 0.00	26.02 0.63 -0.05	25.94 0.81 -0.89	25.22 0.73 -2.44	13.13 0.18 -2.54	11.98 0.18 -1.82	34.97 0.75 -2.31	23.35 0.60 -2.59	27.70 0.78 -3.69	28.08 0.76 -2.00	25.91 0.59 -2.97	93.84 2.62 -1.29	141.88 5.00 -1.84	311.74 13.58 0.00	145.93 6.22 0.00	132.44 5.08 0.00	129.99 4.43 -0.65	21.46 0.53 -4.22	18.45 0.46 -2.15	4.22 0.00 -4.69
CASSADAGA_WT_PWR 323784	10.07 -0.42 -3.96	4.36 0.14 -5.83	7.28 -0.21 -4.67	12.87 -0.86 -2.87	23.22 -2.25 -0.03	22.49 -2.19 0.66	27.32 -2.01 -5.09	32.62 -1.63 -12.19	15.96 -0.80 -6.35	15.09 -0.65 -5.75	40.76 -1.65 -10.49	27.83 -1.71 -9.38	25.64 -1.83 -4.24	12.73 -1.96 10.61	16.53 -1.64 4.19	31.91 -6.25 51.77	41.64 -8.91 84.48	48.18 -22.23 227.75	38.50 -11.39 89.83	48.96 -10.55 67.84	24.95 -9.80 90.17	19.63 -1.29 -4.22	18.52 -1.29 -3.98	17.48 -0.06 -18.00
CE_DUNWOOD___DRP 24194	27.29 0.51 -20.25	28.06 -0.11 -29.78	26.98 0.20 -23.97	26.92 0.81 -15.26	27.56 1.96 -0.15	28.90 2.04 -1.52	52.77 2.09 -26.45	96.16 1.91 -72.19	86.00 0.94 -74.66	64.30 0.90 -53.41	102.69 2.99 -67.78	98.10 1.90 -76.04	133.84 2.24 -108.37	86.60 2.49 -58.80	112.23 2.17 -87.72	137.37 8.54 -38.90	202.88 12.66 -55.18	319.58 25.48 4.06	151.03 12.56 1.24	138.76 11.49 0.09	153.90 11.37 -17.61	145.25 1.53 -127.02	82.25 1.43 -64.99	141.00 -0.01 -141.48
CE_MILLWOOD___DRP 24193	27.20 0.49 -20.17	27.95 -0.11 -29.67	26.89 0.19 -23.88	26.84 0.78 -15.20	27.49 1.91 -0.15	28.84 1.98 -1.51	52.60 2.02 -26.35	95.83 1.85 -71.92	85.69 0.90 -74.37	64.07 0.88 -53.21	102.34 2.89 -67.53	97.75 1.84 -75.75	133.34 2.15 -107.96	86.27 2.39 -58.58	111.86 2.09 -87.42	137.02 8.25 -38.85	202.26 12.26 -54.98	318.67 24.58 4.07	150.59 12.13 1.25	138.37 11.10 0.09	153.46 11.01 -17.54	144.72 1.48 -126.53	81.96 1.38 -64.74	140.47 -0.01 -140.94



CE_NYC2_DRP 24202	27.39 0.57 -20.30	28.11 -0.12 -29.84	27.06 0.22 -24.02	27.04 0.89 -15.29	27.73 2.14 -0.15	29.10 2.24 -1.52	53.02 2.28 -26.50	96.47 2.07 -72.35	86.25 1.02 -74.82	64.52 1.01 -53.53	103.21 3.36 -67.94	98.51 2.14 -76.21	134.36 2.52 -108.61	87.05 2.81 -58.94	112.70 2.45 -87.90	138.64 9.78 -38.93	204.69 14.35 -55.31	322.66 28.56 4.06	152.64 14.17 1.24	140.21 12.94 0.09	155.46 12.88 -17.67	147.17 1.74 -128.73	82.63 1.65 -65.14	141.32 -0.01 -141.80
CE_NYC_DRP 24195	27.36 0.54 -20.29	28.12 -0.12 -29.84	27.04 0.21 -24.02	26.99 0.84 -15.29	27.62 2.02 -0.15	28.97 2.10 -1.52	52.89 2.16 -26.50	96.36 1.96 -72.34	86.19 0.97 -74.81	64.47 0.96 -53.52	103.06 3.22 -67.93	98.42 2.06 -76.20	134.25 2.42 -108.60	86.94 2.71 -58.93	112.61 2.37 -87.89	138.31 9.46 -38.93	204.18 13.84 -55.30	321.48 27.37 4.06	151.97 13.49 1.24	139.59 12.32 0.09	154.88 12.30 -17.66	145.66 1.66 -127.29	82.54 1.58 -65.13	141.31 -0.01 -141.78
CHAFFEE__LFGE 323603	10.03 -0.36 -3.86	4.16 0.09 -5.68	7.19 -0.17 -4.55	12.97 -0.68 -2.79	23.78 -1.69 -0.03	22.85 -1.78 0.71	27.45 -1.74 -4.95	32.30 -1.48 -11.72	15.21 -0.73 -5.53	14.60 -0.62 -5.24	40.10 -1.83 -10.01	27.76 -1.51 -9.10	24.32 -1.67 -2.76	11.42 -1.81 12.08	15.08 -1.50 5.76	28.34 -6.39 55.19	35.49 -9.66 89.88	41.94 -21.78 234.45	36.61 -9.97 93.13	47.24 -8.35 71.77	23.10 -8.95 92.87	18.55 -1.21 -3.05	18.04 -1.20 -3.41	16.56 0.02 -17.00
CHATEAUG_WT_PWR 323614	6.18 -0.35 0.00	-1.52 0.08 0.00	2.69 -0.12 0.00	10.44 -0.42 0.00	24.88 -0.57 0.00	25.08 -0.27 0.00	23.96 -0.27 0.00	21.93 -0.12 0.00	10.31 -0.10 0.00	9.65 -0.33 0.00	30.55 -1.37 0.00	19.27 -0.89 0.00	22.38 -0.85 0.00	24.25 -1.05 0.00	21.42 -0.92 0.00	88.07 -1.85 0.00	133.41 -1.62 0.00	296.41 -1.76 0.00	137.53 -2.18 0.00	124.31 -3.06 0.00	123.65 -1.27 0.00	16.52 -0.18 0.00	15.65 -0.19 0.00	-0.51 -0.05 0.00
CHAT_HIGH_FALL_HYD 323578	6.21 -0.32 0.00	-1.53 0.08 0.00	2.70 -0.11 0.00	10.47 -0.39 0.00	24.91 -0.53 0.00	25.07 -0.27 0.00	23.95 -0.28 0.00	21.91 -0.15 0.00	10.29 -0.12 0.00	9.66 -0.32 0.00	30.63 -1.29 0.00	19.35 -0.81 0.00	22.45 -0.78 0.00	24.33 -0.98 0.00	21.49 -0.86 0.00	88.22 -1.71 0.00	133.57 -1.46 0.00	296.92 -1.24 0.00	137.79 -1.92 0.00	124.63 -2.73 0.00	123.90 -1.02 0.00	16.53 -0.17 0.00	15.65 -0.18 0.00	-0.51 -0.04 0.00
CHAUTAUQUA__LFGE 323629	10.10 -0.34 -3.91	4.25 0.11 -5.75	7.25 -0.16 -4.61	13.01 -0.68 -2.83	23.69 -1.78 -0.03	22.91 -1.75 0.69	27.60 -1.65 -5.01	32.62 -1.35 -11.92	15.62 -0.67 -5.88	14.87 -0.56 -5.45	40.64 -1.49 -10.21	27.92 -1.50 -9.26	25.06 -1.56 -3.39	12.15 -1.69 11.47	15.82 -1.43 5.09	30.63 -5.61 53.68	39.28 -8.20 87.55	46.80 -20.45 230.91	38.48 -9.83 91.40	48.86 -8.69 69.81	25.36 -8.16 91.39	19.22 -1.12 -3.64	18.38 -1.14 -3.68	17.00 0.00 -17.46
CH_MIDHUDSON__DRP 24192	28.00 0.52 -20.95	29.08 -0.12 -30.81	27.83 0.21 -24.80	27.49 0.85 -15.79	27.64 2.04 -0.15	29.04 2.13 -1.57	53.76 2.16 -27.36	98.72 1.98 -74.69	88.60 0.96 -77.23	66.16 0.92 -55.25	105.03 3.00 -70.12	100.71 1.89 -78.66	137.55 2.21 -112.11	88.59 2.45 -60.83	114.98 2.15 -90.48	137.90 8.51 -39.47	204.88 12.76 -57.09	320.65 26.45 3.97	151.40 12.90 1.21	139.14 11.86 0.09	154.94 11.70 -18.33	149.68 1.56 -131.42	84.52 1.44 -67.24	145.90 -0.02 -146.38
CH_MISC_IPPS 23765	27.54 0.54 -20.47	28.37 -0.12 -30.10	27.26 0.22 -24.23	27.15 0.86 -15.42	27.69 2.10 -0.15	29.06 2.18 -1.53	53.18 2.21 -26.73	97.07 2.04 -72.97	86.86 0.98 -75.46	64.91 0.95 -53.98	103.49 3.07 -68.51	98.94 1.93 -76.85	135.02 2.26 -109.53	87.25 2.51 -59.43	112.92 2.21 -88.36	137.13 8.77 -38.43	204.08 13.27 -55.78	321.69 27.56 4.03	151.94 13.46 1.23	139.63 12.35 0.09	154.90 12.15 -17.84	146.70 1.61 -128.39	83.01 1.49 -65.69	142.53 -0.02 -143.01
CH_RES_BVR_FALLS 23983	5.30 -0.10 1.13	-3.25 0.01 1.66	1.45 -0.03 1.33	9.91 -0.10 0.85	25.26 -0.17 0.01	25.11 -0.15 0.09	22.62 -0.14 1.47	17.81 -0.23 4.01	6.20 -0.15 4.06	6.92 -0.16 2.91	27.58 -0.64 3.69	15.66 -0.37 4.14	17.09 -0.24 5.90	21.86 -0.24 3.20	17.41 -0.18 4.76	87.24 -0.61 2.07	131.16 -1.35 2.53	295.72 -2.45 0.00	138.40 -1.32 0.00	126.00 -1.37 0.00	122.60 -1.43 0.89	10.54 -0.24 5.93	12.59 -0.20 3.05	-7.11 -0.01 6.64
CH_RES_NIAGARA 23895	9.35 -0.63 -3.45	3.61 0.15 -5.07	6.59 -0.27 -4.06	12.20 -1.12 -2.46	22.80 -2.66 -0.03	21.45 -2.92 0.97	25.89 -2.83 -4.48	29.67 -2.52 -10.13	12.06 -1.22 -2.86	12.43 -1.07 -3.52	37.05 -3.23 -8.37	25.95 -2.40 -8.19	18.67 -2.76 1.80	5.60 -2.88 16.83	8.91 -2.58 10.85	13.56 -10.91 65.45	11.75 -16.56 106.73	9.17 -36.47 252.52	21.97 -16.59 101.16	32.37 -14.33 80.66	10.31 -14.85 99.76	14.44 -1.94 0.33	15.70 -1.83 -1.69	13.45 0.05 -13.87
CH_RES_SYRACUSE 23985	8.60 0.00 -2.07	1.44 0.00 -3.05	5.26 0.00 -2.46	12.38 -0.04 -1.56	25.31 -0.15 -0.02	25.40 -0.10 -0.16	26.92 -0.03 -2.71	29.46 0.01 -7.40	18.09 0.02 -7.65	15.49 0.03 -5.47	38.89 0.02 -6.95	27.91 -0.05 -7.80	34.29 -0.05 -11.11	31.28 -0.05 -6.03	31.25 -0.06 -8.96	93.55 -0.27 -3.89	140.32 -0.37 -5.66	300.61 -0.75 -3.20	140.39 -0.30 -0.98	127.21 -0.22 -0.07	127.91 -0.44 -3.43	29.96 -0.04 -13.30	22.50 -0.06 -6.72	14.21 0.00 -14.67
CLINTON_WT_PWR 323605	6.18 -0.35 0.00	-1.52 0.08 0.00	2.69 -0.12 0.00	10.44 -0.42 0.00	24.88 -0.57 0.00	25.08 -0.27 0.00	23.96 -0.27 0.00	21.93 -0.12 0.00	10.31 -0.10 0.00	9.65 -0.33 0.00	30.55 -1.37 0.00	19.27 -0.89 0.00	22.38 -0.85 0.00	24.25 -1.05 0.00	21.42 -0.92 0.00	88.07 -1.85 0.00	133.41 -1.62 0.00	296.41 -1.76 0.00	137.53 -2.18 0.00	124.31 -3.06 0.00	123.65 -1.27 0.00	16.52 -0.18 0.00	15.65 -0.19 0.00	-0.51 -0.05 0.00
CLINTON__LFGE 323618	6.31 -0.22 0.00	-1.56 0.05 0.00	2.75 -0.07 0.00	10.65 -0.21 0.00	25.37 -0.07 0.00	25.62 0.28 0.00	24.54 0.31 0.00	22.48 0.43 0.00	10.57 0.16 0.00	9.90 -0.08 0.00	31.27 -0.65 0.00	19.72 -0.44 0.00	22.90 -0.33 0.00	24.81 -0.50 0.00	21.91 -0.43 0.00	90.11 0.19 0.00	136.70 1.67 0.00	303.99 5.83 0.00	141.22 1.50 0.00	127.75 0.39 0.00	126.91 2.00 0.00	16.93 0.23 0.00	16.00 0.16 0.00	-0.53 -0.06 0.00
COLONIE_LFGE__ 323577	34.99 0.46 -27.99	39.43 -0.12 -41.16	36.15 0.20 -33.13	32.74 0.79 -21.09	27.52 1.87 -0.20	29.37 1.93 -2.10	62.73 1.94 -36.56	123.61 1.77 -99.79	114.43 0.83 -103.19	84.58 0.77 -73.82	128.10 2.50 -93.70	126.82 1.56 -105.10	174.78 1.76 -149.79	108.48 1.90 -81.28	144.93 1.72 -120.86	149.48 6.93 -52.62	221.96 10.63 -76.30	318.09 22.78 2.86	149.50 10.66 0.88	137.22 9.92 0.06	160.31 9.80 -25.59	193.81 1.29 -175.82	106.94 1.21 -89.90	195.24 -0.03 -195.74
COPENHAGEN_WT_PWR 323753	7.41 -0.03 -0.91	-0.22 0.05 -1.34	3.88 -0.01 -1.07	11.53 -0.01 -0.68	25.61 0.16 -0.01	25.73 0.32 -0.07	26.02 0.59 -1.19	25.75 0.45 -3.25	13.74 -0.04 -3.37	12.35 -0.04 -2.41	35.15 0.17 -3.06	23.86 0.26 -3.44	28.55 0.42 -4.90	28.32 0.35 -2.66	26.50 0.20 -3.95	92.96 1.32 -1.72	140.74 3.24 -2.47	308.08 9.91 0.00	144.36 4.65 0.00	130.87 3.51 0.00	128.25 2.47 -0.87	22.68 0.31 -5.67	18.98 0.25 -2.89	5.86 0.02 -6.30



CORNELL____ 23752	11.30 0.13 -4.63	5.18 -0.03 -6.82	8.35 0.05 -5.48	14.53 0.19 -3.48	25.92 0.45 -0.03	26.09 0.52 -0.23	30.90 0.62 -6.04	38.93 0.65 -16.23	26.61 0.31 -15.89	21.82 0.29 -11.54	47.87 0.85 -15.10	52.65 0.41 -32.08	46.11 0.51 -22.36	36.16 0.57 -10.28	39.77 0.48 -16.94	92.25 2.10 -0.23	137.66 3.64 1.00	292.35 8.04 13.85	136.48 3.83 7.07	121.74 3.54 9.17	127.71 3.36 0.57	52.43 0.41 -35.32	35.80 0.31 -19.66	31.40 -0.01 -31.87
COXSACKIE____GT 23611	29.29 0.56 -22.20	30.91 -0.13 -32.65	29.33 0.24 -26.28	28.51 0.92 -16.73	27.75 2.15 -0.16	29.20 2.19 -1.66	55.42 2.19 -29.00	103.22 2.01 -79.15	93.19 0.96 -81.82	69.42 0.90 -58.53	109.15 2.94 -74.29	105.27 1.77 -83.34	144.03 2.03 -118.77	91.98 2.23 -64.45	120.16 1.98 -95.83	139.73 8.09 -41.71	208.06 12.54 -60.48	321.85 27.47 3.78	151.66 13.11 1.16	139.03 11.75 0.08	156.40 11.88 -19.61	157.59 1.58 -139.31	88.62 1.51 -71.27	154.67 -0.03 -155.16
CPV_VALLEY____CC1 323721	24.57 0.35 -17.69	24.32 -0.08 -26.01	23.89 0.14 -20.93	24.75 0.56 -13.33	26.94 1.37 -0.13	28.09 1.43 -1.32	48.79 1.46 -23.09	86.43 1.33 -63.05	76.27 0.66 -65.20	57.25 0.63 -46.64	93.16 2.05 -59.20	87.86 1.29 -66.40	119.39 1.51 -94.64	78.37 1.71 -51.35	99.95 1.47 -76.14	128.31 5.81 -32.57	191.85 8.62 -48.19	310.98 17.17 4.35	146.89 8.51 1.33	135.08 7.81 0.10	147.71 7.77 -15.02	128.62 1.05 -110.87	73.56 0.98 -56.74	123.05 0.00 -123.52
CPV_VALLEY____CC2 323722	24.57 0.35 -17.69	24.32 -0.08 -26.01	23.89 0.14 -20.93	24.75 0.56 -13.33	26.94 1.37 -0.13	28.09 1.43 -1.32	48.79 1.46 -23.09	86.43 1.33 -63.05	76.27 0.66 -65.20	57.25 0.63 -46.64	93.16 2.05 -59.20	87.86 1.29 -66.40	119.39 1.51 -94.64	78.37 1.71 -51.35	99.95 1.47 -76.14	128.31 5.81 -32.57	191.85 8.62 -48.19	310.98 17.17 4.35	146.89 8.51 1.33	135.08 7.81 0.10	147.71 7.77 -15.02	128.62 1.05 -110.87	73.56 0.98 -56.74	123.05 0.00 -123.52
CRESCENT____HYD 24018	34.99 0.46 -27.99	39.43 -0.12 -41.16	36.15 0.20 -33.13	32.74 0.79 -21.09	27.52 1.87 -0.20	29.37 1.93 -2.10	62.73 1.94 -36.56	123.61 1.77 -99.79	114.43 0.83 -103.19	84.58 0.77 -73.82	128.10 2.50 -93.70	126.82 1.56 -105.10	174.78 1.76 -149.79	108.48 1.90 -81.28	144.93 1.72 -120.86	149.48 6.93 -52.62	221.96 10.63 -76.30	318.09 22.78 2.86	149.50 10.66 0.88	137.22 9.92 0.06	160.31 9.80 -25.59	193.81 1.29 -175.82	106.94 1.21 -89.90	195.24 -0.03 -195.74
CRICKET____VALLEY_CC1 323756	28.41 0.49 -21.39	29.73 -0.11 -31.46	28.33 0.20 -25.32	27.77 0.79 -16.12	27.50 1.90 -0.16	28.96 2.01 -1.60	54.21 2.04 -27.94	100.17 1.86 -76.26	90.17 0.89 -78.87	67.26 0.85 -56.42	106.30 2.78 -71.61	102.24 1.75 -80.33	139.76 2.05 -114.48	89.68 2.26 -62.12	116.80 1.98 -92.48	138.14 7.68 -40.53	204.83 11.50 -58.30	318.13 23.88 3.92	150.15 11.64 1.20	137.99 10.72 0.09	154.24 10.55 -18.78	152.32 1.41 -134.21	85.80 1.31 -68.66	148.99 -0.01 -149.47
CRICKET____VALLEY_CC2 323757	28.41 0.49 -21.39	29.73 -0.11 -31.46	28.33 0.20 -25.32	27.77 0.79 -16.12	27.50 1.90 -0.16	28.96 2.01 -1.60	54.21 2.04 -27.94	100.17 1.86 -76.26	90.17 0.89 -78.87	67.26 0.85 -56.42	106.30 2.78 -71.61	102.24 1.75 -80.33	139.76 2.05 -114.48	89.68 2.26 -62.12	116.80 1.98 -92.48	138.14 7.68 -40.53	204.83 11.50 -58.30	318.13 23.88 3.92	150.15 11.64 1.20	137.99 10.72 0.09	154.24 10.55 -18.78	152.32 1.41 -134.21	85.80 1.31 -68.66	148.99 -0.01 -149.47
CRICKET____VALLEY_CC3 323758	28.41 0.49 -21.39	29.73 -0.11 -31.46	28.33 0.20 -25.32	27.77 0.79 -16.12	27.50 1.90 -0.16	28.96 2.01 -1.60	54.21 2.04 -27.94	100.17 1.86 -76.26	90.17 0.89 -78.87	67.26 0.85 -56.42	106.30 2.78 -71.61	102.24 1.75 -80.33	139.76 2.05 -114.48	89.68 2.26 -62.12	116.80 1.98 -92.48	138.14 7.68 -40.53	204.83 11.50 -58.30	318.13 23.88 3.92	150.15 11.64 1.20	137.99 10.72 0.09	154.24 10.55 -18.78	152.32 1.41 -134.21	85.80 1.31 -68.66	148.99 -0.01 -149.47
CRUCIBLE_METL_DRP 24180	8.60 0.00 -2.07	1.44 0.00 -3.05	5.26 0.00 -2.46	12.38 -0.04 -1.56	25.31 -0.15 -0.02	25.40 -0.10 -0.16	26.92 -0.03 -2.71	29.46 0.01 -7.40	18.09 0.02 -7.65	15.49 0.03 -5.47	38.89 0.02 -6.95	27.91 -0.05 -7.80	34.29 -0.05 -11.11	31.28 -0.05 -6.03	31.25 -0.06 -8.96	93.55 -0.27 -3.89	140.32 -0.37 -5.66	300.61 -0.75 -3.20	140.39 -0.30 -0.98	127.21 -0.22 -0.07	127.91 -0.44 -3.43	29.96 -0.04 -13.30	22.50 -0.06 -6.72	14.21 0.00 -14.67
DAHOWA____HYDRO 323763	35.81 0.56 -28.72	40.47 -0.14 -42.22	37.04 0.24 -33.99	33.43 0.94 -21.64	27.89 2.24 -0.21	29.90 2.40 -2.15	64.24 2.50 -37.50	126.74 2.34 -102.35	117.13 1.09 -105.62	86.56 1.01 -75.56	131.04 3.23 -95.90	129.75 2.01 -107.57	178.86 2.31 -153.32	110.98 2.48 -83.19	148.30 2.25 -123.70	153.12 9.35 -53.85	227.85 14.72 -78.10	327.81 32.46 2.82	153.69 14.84 0.86	141.11 13.82 0.06	164.62 13.46 -26.24	198.69 1.71 -180.28	109.60 1.54 -92.23	200.30 -0.04 -200.81
DANC____LFGE 323619	7.65 -0.05 -1.17	0.15 0.04 -1.72	4.18 -0.02 -1.39	11.66 -0.08 -0.88	25.34 -0.12 -0.01	25.42 -0.01 -0.09	25.93 0.16 -1.53	26.34 0.11 -4.18	14.66 -0.09 -4.34	13.00 -0.08 -3.10	35.78 -0.07 -3.94	24.63 0.05 -4.41	29.63 0.11 -6.29	28.77 0.05 -3.41	27.39 -0.03 -5.08	92.26 0.13 -2.20	139.12 0.90 -3.19	301.68 3.52 0.00	141.42 1.71 0.00	128.50 1.14 0.00	126.49 0.46 -1.12	24.12 0.07 -7.34	19.63 0.05 -3.75	7.71 0.02 -8.16
DANSKAMMER____1 23586	27.54 0.54 -20.47	28.37 -0.12 -30.10	27.26 0.22 -24.23	27.15 0.86 -15.42	27.69 2.10 -0.15	29.06 2.18 -1.53	53.18 2.21 -26.73	97.07 2.04 -72.97	86.86 0.98 -75.46	64.91 0.95 -53.98	103.49 3.07 -68.51	98.94 1.93 -76.85	135.02 2.26 -109.53	87.25 2.51 -59.43	112.92 2.21 -88.36	137.13 8.77 -38.43	204.08 13.27 -55.78	321.69 27.56 4.03	151.94 13.46 1.23	139.63 12.35 0.09	154.90 12.15 -17.84	146.70 1.61 -128.39	83.01 1.49 -65.69	142.53 -0.02 -143.01
DANSKAMMER____2 23589	27.54 0.54 -20.47	28.37 -0.12 -30.10	27.26 0.22 -24.23	27.15 0.86 -15.42	27.69 2.10 -0.15	29.06 2.18 -1.53	53.18 2.21 -26.73	97.07 2.04 -72.97	86.86 0.98 -75.46	64.91 0.95 -53.98	103.49 3.07 -68.51	98.94 1.93 -76.85	135.02 2.26 -109.53	87.25 2.51 -59.43	112.92 2.21 -88.36	137.13 8.77 -38.43	204.08 13.27 -55.78	321.69 27.56 4.03	151.94 13.46 1.23	139.63 12.35 0.09	154.90 12.15 -17.84	146.70 1.61 -128.39	83.01 1.49 -65.69	142.53 -0.02 -143.01
DANSKAMMER____3 23590	27.54 0.54 -20.47	28.37 -0.12 -30.10	27.26 0.22 -24.23	27.15 0.86 -15.42	27.69 2.10 -0.15	29.06 2.18 -1.53	53.18 2.21 -26.73	97.07 2.04 -72.97	86.86 0.98 -75.46	64.91 0.95 -53.98	103.49 3.07 -68.51	98.94 1.93 -76.85	135.02 2.26 -109.53	87.25 2.51 -59.43	112.92 2.21 -88.36	137.13 8.77 -38.43	204.08 13.27 -55.78	321.69 27.56 4.03	151.94 13.46 1.23	139.63 12.35 0.09	154.90 12.15 -17.84	146.70 1.61 -128.39	83.01 1.49 -65.69	142.53 -0.02 -143.01
DANSKAMMER____4 23591	27.54 0.54 -20.47	28.37 -0.12 -30.10	27.26 0.22 -24.23	27.15 0.86 -15.42	27.69 2.10 -0.15	29.06 2.18 -1.53	53.18 2.21 -26.73	97.07 2.04 -72.97	86.86 0.98 -75.46	64.91 0.95 -53.98	103.49 3.07 -68.51	98.94 1.93 -76.85	135.02 2.26 -109.53	87.25 2.51 -59.43	112.92 2.21 -88.36	137.13 8.77 -38.43	204.08 13.27 -55.78	321.69 27.56 4.03	151.94 13.46 1.23	139.63 12.35 0.09	154.90 12.15 -17.84	146.70 1.61 -128.39	83.01 1.49 -65.69	142.53 -0.02 -143.01



DANSKAMMER___DIESEL 23592	27.54 0.54 -20.47	28.37 -0.12 -30.10	27.26 0.22 -24.23	27.15 0.86 -15.42	27.69 2.10 -0.15	29.06 2.18 -1.53	53.18 2.21 -26.73	97.07 2.04 -72.97	86.86 0.98 -75.46	64.91 0.95 -53.98	103.49 3.07 -68.51	98.94 1.93 -76.85	135.02 2.26 -109.53	87.25 2.51 -59.43	112.92 2.21 -88.36	137.13 8.77 -38.43	204.08 13.27 -55.78	321.69 27.56 4.03	151.94 13.46 1.23	139.63 12.35 0.09	154.90 12.15 -17.84	146.70 1.61 -128.39	83.01 1.49 -65.69	142.53 -0.02 -143.01
DASHVILLE___HYD 23610	27.66 0.42 -20.71	28.75 -0.10 -30.46	27.49 0.17 -24.52	27.15 0.68 -15.60	27.33 1.73 -0.15	28.70 1.80 -1.55	53.13 1.85 -27.05	97.59 1.71 -73.83	87.58 0.83 -76.34	65.39 0.80 -54.61	103.74 2.51 -69.32	99.51 1.60 -77.75	135.94 1.89 -110.81	87.54 2.10 -60.13	113.58 1.87 -89.38	136.12 7.37 -38.82	202.58 11.12 -56.43	316.82 22.65 3.99	149.64 11.15 1.22	137.60 10.32 0.09	153.15 10.15 -18.08	147.94 1.33 -129.91	83.49 1.18 -66.47	144.23 -0.01 -144.70
DELAWARE___LFGE 323621	15.67 0.27 -8.87	11.37 -0.06 -13.04	13.43 0.11 -10.50	17.99 0.44 -6.69	26.56 1.05 -0.06	27.04 1.04 -0.65	36.90 1.09 -11.58	54.68 1.02 -31.61	43.54 0.50 -32.63	33.80 0.48 -23.34	63.07 1.53 -29.62	54.31 0.92 -33.23	71.66 1.07 -47.36	52.19 1.18 -25.70	61.57 1.04 -38.18	110.59 4.12 -16.54	165.45 6.29 -24.12	299.99 12.86 11.04	142.60 6.26 3.37	133.00 5.89 0.24	134.26 5.81 -3.54	72.38 0.77 -54.91	44.83 0.67 -28.32	61.08 -0.01 -61.55
DOGLEVILLE___HYD 23807	6.25 0.20 0.48	-2.38 -0.06 0.71	2.33 0.09 0.57	10.87 0.38 0.36	26.44 1.00 0.00	26.37 1.06 0.04	24.76 1.15 0.63	21.40 1.07 1.72	9.18 0.49 1.73	9.21 0.46 1.24	31.71 1.36 1.57	19.27 0.86 1.76	21.80 1.08 2.51	25.10 1.16 1.36	21.34 1.01 2.02	93.16 4.11 0.88	140.22 6.42 1.22	312.33 14.17 0.00	146.95 7.24 0.00	133.85 6.49 0.00	130.62 6.14 0.43	14.61 0.80 2.89	15.02 0.68 1.49	-3.72 -0.01 3.24
DUNKIRK___1 23563	10.11 -0.33 -3.90	4.24 0.11 -5.74	7.25 -0.16 -4.60	13.03 -0.66 -2.82	23.75 -1.72 -0.03	22.96 -1.70 0.69	27.63 -1.61 -5.00	32.63 -1.32 -11.90	15.59 -0.66 -5.84	14.85 -0.55 -5.42	40.62 -1.48 -10.18	27.93 -1.48 -9.25	25.00 -1.54 -3.31	12.09 -1.66 11.56	15.76 -1.41 5.18	30.52 -5.54 53.87	39.07 -8.12 87.85	46.67 -20.28 231.21	38.48 -9.68 91.55	48.85 -8.51 70.00	25.40 -8.00 91.51	19.19 -1.10 -3.58	18.36 -1.13 -3.66	16.95 0.00 -17.41
DUNKIRK___2 23564	10.11 -0.33 -3.90	4.24 0.11 -5.74	7.25 -0.16 -4.60	13.03 -0.66 -2.82	23.75 -1.72 -0.03	22.96 -1.70 0.69	27.63 -1.61 -5.00	32.63 -1.32 -11.90	15.59 -0.66 -5.84	14.85 -0.55 -5.42	40.62 -1.48 -10.18	27.93 -1.48 -9.25	25.00 -1.54 -3.31	12.09 -1.66 11.56	15.76 -1.41 5.18	30.52 -5.54 53.87	39.07 -8.12 87.85	46.67 -20.28 231.21	38.48 -9.68 91.55	48.85 -8.51 70.00	25.40 -8.00 91.51	19.19 -1.10 -3.58	18.36 -1.13 -3.66	16.95 0.00 -17.41
DUNKIRK___3 23565	10.10 -0.33 -3.90	4.24 0.11 -5.75	7.25 -0.16 -4.61	13.03 -0.66 -2.83	23.76 -1.71 -0.03	22.95 -1.70 0.69	27.60 -1.64 -5.01	32.60 -1.36 -11.90	15.58 -0.68 -5.84	14.82 -0.58 -5.42	40.50 -1.60 -10.18	27.94 -1.51 -9.29	24.96 -1.59 -3.32	12.03 -1.71 11.57	15.71 -1.45 5.18	30.22 -5.84 53.86	38.52 -8.64 87.87	46.67 -21.21 230.29	38.55 -9.95 91.21	48.87 -8.63 69.86	25.51 -8.33 91.08	19.26 -1.14 -3.69	18.37 -1.16 -3.69	17.02 0.01 -17.47
DUNKIRK___4 23566	10.10 -0.33 -3.90	4.24 0.11 -5.75	7.25 -0.16 -4.61	13.03 -0.66 -2.83	23.76 -1.71 -0.03	22.95 -1.70 0.69	27.60 -1.64 -5.01	32.60 -1.36 -11.90	15.58 -0.68 -5.84	14.82 -0.58 -5.42	40.50 -1.60 -10.18	27.94 -1.51 -9.29	24.96 -1.59 -3.32	12.03 -1.71 11.57	15.71 -1.45 5.18	30.22 -5.84 53.86	38.52 -8.64 87.87	46.67 -21.21 230.29	38.55 -9.95 91.21	48.87 -8.63 69.86	25.51 -8.33 91.08	19.26 -1.14 -3.69	18.37 -1.16 -3.69	17.02 0.01 -17.47
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	27.35 0.53 -20.30	28.12 -0.12 -29.84	27.04 0.21 -24.02	26.98 0.83 -15.29	27.62 2.03 -0.15	28.97 2.11 -1.52	52.89 2.16 -26.50	96.37 1.97 -72.35	86.19 0.96 -74.82	64.44 0.93 -53.52	102.95 3.10 -67.93	98.34 1.98 -76.20	134.15 2.31 -108.60	86.81 2.58 -58.93	112.48 2.25 -87.89	137.75 8.90 -38.93	203.51 13.17 -55.30	320.51 26.40 4.06	151.50 13.02 1.24	139.16 11.89 0.09	154.38 11.81 -17.66	145.58 1.59 -127.29	82.45 1.49 -65.13	141.31 -0.01 -141.78
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	26.80 0.45 -19.82	27.43 -0.10 -29.14	26.45 0.18 -23.46	26.52 0.73 -14.93	27.36 1.77 -0.14	28.68 1.85 -1.48	52.00 1.89 -25.88	94.44 1.74 -70.65	84.31 0.85 -73.05	63.06 0.81 -52.26	100.87 2.62 -66.33	96.22 1.65 -74.40	131.21 1.94 -106.04	85.01 2.17 -57.54	109.69 1.89 -85.45	134.35 7.51 -36.92	200.31 11.28 -54.00	317.06 23.00 4.11	149.77 11.31 1.26	137.65 10.38 0.09	152.35 10.25 -17.18	142.36 1.37 -124.28	80.70 1.27 -63.59	137.97 -0.01 -138.44
E179THST_138_KV_TB4_REV_LBMP_J 345001	27.38 0.55 -20.30	28.11 -0.12 -29.84	27.05 0.22 -24.02	27.01 0.86 -15.29	27.64 2.05 -0.15	29.05 2.19 -1.52	52.96 2.22 -26.50	96.42 2.02 -72.35	86.23 1.00 -74.82	64.49 0.98 -53.53	103.07 3.21 -67.94	98.41 2.04 -76.21	134.24 2.39 -108.61	86.94 2.70 -58.94	112.58 2.33 -87.90	138.11 9.26 -38.92	203.92 13.58 -55.31	321.10 26.99 4.06	151.94 13.47 1.24	139.67 12.40 0.09	154.85 12.28 -17.67	145.66 1.65 -127.31	82.54 1.56 -65.14	141.32 -0.01 -141.80
EAST HAMPTON___GT 23717	27.93 1.10 -20.30	28.02 -0.21 -29.85	27.26 0.42 -24.03	27.76 1.61 -15.29	29.43 3.84 -0.15	30.80 3.93 -1.52	54.76 4.02 -26.51	106.17 3.66 -80.46	219.78 1.52 -207.85	64.95 1.44 -53.53	105.00 5.14 -67.95	99.65 3.27 -76.22	138.51 3.92 -111.36	114.91 4.31 -85.29	113.99 3.74 -87.91	144.13 15.26 -38.94	210.30 19.95 -55.32	334.18 40.07 4.06	162.36 23.89 1.24	149.04 21.77 0.09	163.47 20.89 -17.66	146.84 2.82 -127.32	83.62 2.64 -65.14	141.32 -0.03 -141.82
EAST RIVER___6 23660	27.36 0.54 -20.29	28.12 -0.12 -29.84	27.04 0.21 -24.02	26.99 0.84 -15.29	27.62 2.02 -0.15	28.97 2.11 -1.52	52.90 2.17 -26.50	96.36 1.96 -72.34	86.19 0.97 -74.81	64.46 0.96 -53.52	103.05 3.21 -67.93	98.42 2.06 -76.20	134.25 2.42 -108.60	86.95 2.71 -58.93	112.61 2.37 -87.89	138.30 9.44 -38.93	204.17 13.83 -55.30	321.42 27.31 4.06	151.97 13.49 1.24	139.58 12.31 0.09	154.88 12.30 -17.66	145.66 1.66 -127.29	82.55 1.58 -65.13	141.32 -0.01 -141.79
EAST RIVER___7 23524	27.36 0.54 -20.29	28.12 -0.12 -29.84	27.04 0.21 -24.02	26.99 0.84 -15.29	27.62 2.02 -0.15	28.97 2.11 -1.52	52.90 2.17 -26.50	96.36 1.96 -72.34	86.19 0.97 -74.81	64.46 0.96 -53.52	103.05 3.21 -67.93	98.42 2.06 -76.20	134.25 2.42 -108.60	86.95 2.71 -58.93	112.61 2.37 -87.89	138.30 9.44 -38.93	204.17 13.83 -55.30	321.42 27.31 4.06	151.97 13.49 1.24	139.58 12.31 0.09	154.88 12.30 -17.66	145.66 1.66 -127.29	82.55 1.58 -65.13	141.32 -0.01 -141.79
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	27.29 0.51 -20.25	28.06 -0.11 -29.78	26.98 0.20 -23.97	26.92 0.81 -15.26	27.56 1.96 -0.15	28.90 2.04 -1.52	52.77 2.09 -26.45	96.16 1.91 -72.19	86.00 0.94 -74.66	64.30 0.90 -53.41	102.69 2.99 -67.78	98.10 1.90 -76.04	133.84 2.24 -108.37	86.60 2.49 -58.80	112.23 2.17 -87.72	137.37 8.54 -38.90	202.88 12.66 -55.18	319.58 25.48 4.06	151.03 12.56 1.24	138.76 11.49 0.09	153.90 11.37 -17.61	145.25 1.53 -127.02	82.25 1.43 -64.99	141.00 -0.01 -141.48



EAST_HAMPTON___DIESEL 23722	27.93 1.10 -20.30	28.02 -0.21 -29.85	27.26 0.42 -24.03	27.77 1.61 -15.29	29.44 3.85 -0.15	30.80 3.94 -1.52	54.77 4.03 -26.51	106.17 3.66 -80.46	219.79 1.53 -207.85	64.96 1.44 -53.53	105.01 5.15 -67.95	99.65 3.27 -76.22	138.53 3.93 -111.36	114.92 4.32 -85.29	114.00 3.74 -87.91	144.17 15.31 -38.94	210.40 20.04 -55.32	334.33 40.22 4.06	162.40 23.93 1.24	149.09 21.82 0.09	163.51 20.94 -17.66	146.85 2.82 -127.32	83.63 2.65 -65.14	141.32 -0.03 -141.82
EAST_RIVER___1 323558	27.36 0.54 -20.29	28.12 -0.12 -29.84	27.04 0.21 -24.02	26.99 0.84 -15.29	27.62 2.02 -0.15	28.97 2.10 -1.52	52.89 2.16 -26.50	96.36 1.96 -72.34	86.19 0.97 -74.81	64.47 0.96 -53.52	103.06 3.22 -67.93	98.42 2.06 -76.20	134.25 2.42 -108.60	86.94 2.71 -58.93	112.61 2.37 -87.89	138.31 9.46 -38.93	204.18 13.84 -55.30	321.48 27.37 4.06	151.97 13.49 1.24	139.59 12.32 0.09	154.88 12.30 -17.66	145.66 1.66 -127.29	82.54 1.58 -65.13	141.31 -0.01 -141.78
EAST_RIVER___2 323559	27.36 0.54 -20.29	28.12 -0.12 -29.84	27.04 0.21 -24.02	26.99 0.84 -15.29	27.62 2.02 -0.15	28.97 2.11 -1.52	52.90 2.17 -26.50	96.36 1.96 -72.34	86.19 0.97 -74.81	64.46 0.96 -53.52	103.05 3.21 -67.93	98.42 2.06 -76.20	134.25 2.42 -108.60	86.95 2.71 -58.93	112.61 2.37 -87.89	138.30 9.44 -38.93	204.17 13.83 -55.30	321.42 27.31 4.06	151.97 13.49 1.24	139.58 12.31 0.09	154.88 12.30 -17.66	145.66 1.66 -127.29	82.55 1.58 -65.13	141.32 -0.01 -141.79
EAST___DELAWARE_HYD 23607	25.21 0.39 -18.29	25.20 -0.08 -26.89	24.61 0.15 -21.65	25.26 0.62 -13.78	27.11 1.53 -0.13	28.35 1.64 -1.37	49.85 1.73 -23.88	88.88 1.63 -65.20	78.62 0.79 -67.42	58.95 0.73 -48.23	95.40 2.27 -61.21	90.25 1.42 -68.67	122.75 1.66 -97.86	80.27 1.86 -53.10	102.85 1.64 -78.86	131.70 7.69 -34.09	196.17 11.30 -49.84	318.78 24.89 4.28	151.68 13.27 1.31	138.26 10.99 0.09	151.21 10.66 -15.63	132.67 1.30 -114.67	75.66 1.14 -58.68	127.28 -0.01 -127.75
ELEC_TRO_TEK 24086	27.48 0.64 -20.30	28.11 -0.13 -29.85	27.08 0.24 -24.03	27.13 0.98 -15.29	27.99 2.40 -0.15	29.31 2.44 -1.52	53.25 2.50 -26.51	104.78 2.27 -80.46	219.35 1.09 -207.85	64.51 0.99 -53.53	103.28 3.42 -67.95	98.53 2.15 -76.22	137.22 2.63 -111.36	113.50 2.90 -85.29	112.75 2.49 -87.91	138.86 10.00 -38.94	204.45 14.10 -55.32	322.95 28.85 4.06	153.05 14.57 1.24	140.26 12.98 0.09	155.30 12.72 -17.66	145.75 1.73 -127.32	82.58 1.60 -65.14	141.34 -0.02 -141.82
ELLENBURG_WT_PWR 323604	6.18 -0.35 0.00	-1.52 0.08 0.00	2.69 -0.12 0.00	10.44 -0.42 0.00	24.88 -0.57 0.00	25.08 -0.27 0.00	23.96 -0.27 0.00	21.93 -0.12 0.00	10.31 -0.10 0.00	9.65 -0.33 0.00	30.55 -1.37 0.00	19.27 -0.89 0.00	22.38 -0.85 0.00	24.25 -1.05 0.00	21.42 -0.92 0.00	88.07 -1.85 0.00	133.41 -1.62 0.00	296.41 -1.76 0.00	137.53 -2.18 0.00	124.31 -3.06 0.00	123.65 -1.27 0.00	16.52 -0.18 0.00	15.65 -0.19 0.00	-0.51 -0.05 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	9.78 -0.43 -3.67	3.90 0.10 -5.41	6.94 -0.20 -4.33	12.69 -0.81 -2.64	23.50 -1.97 -0.03	22.51 -2.06 0.77	26.93 -2.02 -4.71	31.27 -1.74 -10.96	13.90 -0.85 -4.34	13.70 -0.74 -4.46	38.95 -2.19 -9.22	27.07 -1.74 -8.65	22.10 -1.96 -0.83	9.16 -2.13 14.02	12.64 -1.81 7.89	23.21 -7.67 59.04	27.06 -11.64 96.34	25.15 -26.17 246.83	30.38 -11.75 97.58	42.76 -10.00 74.60	16.35 -10.61 97.96	16.44 -1.39 -1.13	17.04 -1.35 -2.56	14.80 0.03 -15.23
EMPIRE_CC_1 323656	32.43 0.40 -25.50	35.78 -0.10 -37.49	33.17 0.17 -30.18	30.76 0.68 -19.21	27.24 1.61 -0.19	28.89 1.63 -1.91	59.13 1.59 -33.30	114.35 1.40 -90.90	105.03 0.64 -93.98	77.81 0.60 -67.23	119.21 1.97 -85.33	117.12 1.24 -95.71	161.01 1.36 -136.41	100.72 1.40 -74.02	133.69 1.26 -110.08	142.84 4.95 -47.97	211.72 7.22 -69.47	309.67 14.78 3.27	145.75 7.04 1.00	134.13 6.84 0.07	155.37 7.45 -23.00	177.76 0.99 -160.07	98.66 0.96 -81.87	177.74 -0.03 -178.24
EMPIRE_CC_2 323658	32.43 0.40 -25.50	35.78 -0.10 -37.49	33.17 0.17 -30.18	30.76 0.68 -19.21	27.24 1.61 -0.19	28.89 1.63 -1.91	59.13 1.59 -33.30	114.35 1.40 -90.90	105.03 0.64 -93.98	77.81 0.60 -67.23	119.21 1.97 -85.33	117.12 1.24 -95.71	161.01 1.36 -136.41	100.72 1.40 -74.02	133.69 1.26 -110.08	142.84 4.95 -47.97	211.72 7.22 -69.47	309.67 14.78 3.27	145.75 7.04 1.00	134.13 6.84 0.07	155.37 7.45 -23.00	177.76 0.99 -160.07	98.66 0.96 -81.87	177.74 -0.03 -178.24
ERIE_WT_PWR 323693	9.90 -0.39 -3.75	4.01 0.10 -5.52	7.05 -0.18 -4.42	12.82 -0.74 -2.70	23.68 -1.79 -0.03	22.71 -1.87 0.76	27.21 -1.84 -4.81	31.72 -1.57 -11.24	14.36 -0.77 -4.72	14.03 -0.66 -4.71	39.46 -1.96 -9.50	27.36 -1.61 -8.80	22.75 -1.79 -1.31	9.85 -1.95 13.50	13.40 -1.65 7.29	24.57 -6.99 58.36	29.53 -10.58 94.92	32.00 -23.85 242.31	32.39 -10.73 96.59	43.11 -9.07 75.18	19.12 -9.69 96.10	17.21 -1.28 -1.79	17.39 -1.26 -2.81	15.48 0.02 -15.91
ETNA_115_KV_TB1_REV_LBMP_C 345029	11.27 0.12 -4.61	5.15 -0.02 -6.78	8.31 0.05 -5.46	14.50 0.18 -3.46	25.89 0.41 -0.03	26.07 0.48 -0.24	30.83 0.58 -6.01	38.84 0.61 -16.18	26.63 0.29 -15.93	21.81 0.28 -11.55	47.80 0.82 -15.07	49.58 0.38 -29.04	46.20 0.47 -22.49	36.40 0.54 -10.55	39.96 0.45 -17.16	92.97 1.96 -1.08	138.80 3.39 -0.38	292.60 7.44 13.00	136.76 3.55 6.51	122.47 3.32 8.21	127.72 3.15 0.34	50.86 0.38 -33.77	34.68 0.29 -18.55	31.27 0.00 -31.73
E_CANADA_CAP_HY 24051	40.99 0.44 -34.02	48.31 -0.10 -50.02	43.26 0.18 -40.27	37.20 0.71 -25.63	27.30 1.61 -0.25	29.59 1.70 -2.55	70.31 1.65 -44.42	144.80 1.51 -121.24	136.20 0.79 -125.00	100.12 0.71 -89.42	147.54 2.13 -113.49	148.80 1.33 -127.31	206.23 1.55 -181.44	125.47 1.71 -98.45	170.22 1.50 -146.37	159.53 5.97 -63.64	236.50 9.05 -92.41	314.70 21.41 4.88	148.57 10.35 1.49	136.26 9.01 0.11	163.90 8.62 -30.36	231.27 1.21 -213.36	126.07 1.02 -109.21	237.29 -0.02 -237.78
E_CANADA_MHWK_HY 24050	6.25 0.20 0.48	-2.38 -0.06 0.71	2.33 0.09 0.57	10.87 0.38 0.36	26.44 1.00 0.00	26.37 1.06 0.04	24.76 1.15 0.63	21.40 1.07 1.72	9.18 0.49 1.73	9.21 0.46 1.24	31.71 1.36 1.57	19.27 0.86 1.76	21.80 1.08 2.51	25.10 1.16 1.36	21.34 1.01 2.02	93.16 4.11 0.88	140.22 6.42 1.22	312.33 14.17 0.00	146.95 7.24 0.00	133.85 6.49 0.00	130.62 6.14 0.43	14.61 0.80 2.89	15.02 0.68 1.49	-3.72 -0.01 3.24
E_FISHKILL___LBMP 23776	27.72 0.48 -20.71	28.74 -0.10 -30.46	27.53 0.19 -24.52	27.24 0.77 -15.61	27.46 1.86 -0.15	28.83 1.94 -1.55	53.25 1.97 -27.05	97.69 1.79 -73.84	87.65 0.87 -76.36	65.45 0.84 -54.63	104.02 2.76 -69.33	99.69 1.75 -77.78	136.13 2.05 -110.85	87.73 2.28 -60.15	113.86 1.99 -89.52	136.92 7.81 -39.18	203.06 11.58 -56.44	317.62 23.46 4.01	149.98 11.50 1.23	137.87 10.60 0.09	153.49 10.49 -18.08	148.04 1.41 -129.93	83.63 1.31 -66.48	144.24 -0.01 -144.72
FALCON___SEABRD_CC1 323796	6.27 -0.26 0.00	-1.54 0.06 0.00	2.73 -0.08 0.00	10.58 -0.28 0.00	25.22 -0.23 0.00	25.49 0.14 0.00	24.39 0.16 0.00	22.33 0.28 0.00	10.50 0.09 0.00	9.83 -0.15 0.00	31.02 -0.89 0.00	19.57 -0.59 0.00	22.73 -0.51 0.00	24.64 -0.67 0.00	21.76 -0.58 0.00	89.40 -0.52 0.00	135.64 0.60 0.00	301.50 3.33 0.00	139.98 0.27 0.00	126.68 -0.68 0.00	125.89 0.97 0.00	16.81 0.10 0.00	15.89 0.06 0.00	-0.53 -0.06 0.00



FALCON___SEABRD_CC2 323797	6.27 -0.26 0.00	-1.54 0.06 0.00	2.73 -0.08 0.00	10.58 -0.28 0.00	25.22 -0.23 0.00	25.49 0.14 0.00	24.39 0.16 0.00	22.33 0.28 0.00	10.50 0.09 0.00	9.83 -0.15 0.00	31.02 -0.89 0.00	19.57 -0.59 0.00	22.73 -0.51 0.00	24.64 -0.67 0.00	21.76 -0.58 0.00	89.40 -0.52 0.00	135.64 0.60 0.00	301.50 3.33 0.00	139.98 0.27 0.00	126.68 -0.68 0.00	125.89 0.97 0.00	16.81 0.10 0.00	15.89 0.06 0.00	-0.53 -0.06 0.00
FAR ROCKAWAY___4 23548	27.55 0.72 -20.30	28.09 -0.16 -29.85	27.11 0.27 -24.03	27.26 1.11 -15.29	28.35 2.76 -0.15	29.66 2.80 -1.52	53.62 2.88 -26.51	105.14 2.63 -80.46	219.52 1.27 -207.85	64.67 1.15 -53.53	103.78 3.92 -67.95	98.85 2.47 -76.22	137.62 3.03 -111.36	113.94 3.34 -85.29	113.13 2.88 -87.91	140.55 11.69 -38.94	206.64 16.29 -55.32	328.44 34.33 4.06	155.72 17.25 1.24	142.65 15.37 0.09	157.56 14.98 -17.66	146.03 2.00 -127.32	82.81 1.83 -65.14	141.33 -0.02 -141.82
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	27.37 0.55 -20.29	28.11 -0.12 -29.84	27.05 0.22 -24.02	27.01 0.86 -15.29	27.67 2.07 -0.15	29.01 2.15 -1.52	52.94 2.21 -26.50	96.40 2.01 -72.34	86.21 0.99 -74.81	64.48 0.98 -53.52	103.11 3.26 -67.93	98.46 2.10 -76.20	134.30 2.47 -108.60	86.99 2.76 -58.93	112.64 2.40 -87.89	138.47 9.62 -38.93	204.43 14.10 -55.30	322.01 27.90 4.06	152.22 13.75 1.24	139.85 12.58 0.09	155.13 12.55 -17.66	145.69 1.69 -127.29	82.58 1.61 -65.13	141.31 -0.01 -141.79
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	27.37 0.55 -20.29	28.11 -0.12 -29.84	27.05 0.22 -24.02	27.01 0.85 -15.29	27.66 2.07 -0.15	29.01 2.15 -1.52	52.94 2.20 -26.50	96.40 2.01 -72.34	86.21 0.99 -74.81	64.48 0.98 -53.52	103.11 3.26 -67.93	98.45 2.09 -76.20	134.29 2.46 -108.60	86.98 2.75 -58.93	112.64 2.40 -87.89	138.44 9.59 -38.93	204.37 14.03 -55.30	321.99 27.88 4.06	152.20 13.73 1.24	139.82 12.55 0.09	155.13 12.55 -17.66	145.69 1.69 -127.29	82.58 1.61 -65.13	141.31 -0.01 -141.79
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	27.37 0.54 -20.29	28.11 -0.12 -29.84	27.04 0.21 -24.02	27.00 0.85 -15.29	27.64 2.04 -0.15	28.99 2.12 -1.52	52.91 2.18 -26.50	96.38 1.98 -72.34	86.20 0.98 -74.81	64.47 0.97 -53.52	103.07 3.23 -67.93	98.43 2.07 -76.20	134.26 2.43 -108.60	86.95 2.72 -58.93	112.61 2.38 -87.89	138.35 9.50 -38.93	204.24 13.90 -55.30	321.62 27.51 4.06	152.01 13.54 1.24	139.66 12.39 0.09	154.93 12.36 -17.66	145.67 1.67 -127.29	82.55 1.58 -65.13	141.32 -0.01 -141.79
FARRAGUT___LBMP 323566	27.36 0.54 -20.29	28.12 -0.12 -29.84	27.04 0.21 -24.02	26.99 0.84 -15.29	27.62 2.02 -0.15	28.97 2.10 -1.52	52.89 2.16 -26.50	96.36 1.96 -72.34	86.19 0.96 -74.81	64.46 0.95 -53.52	103.04 3.20 -67.93	98.40 2.05 -76.20	134.23 2.40 -108.60	86.92 2.69 -58.93	112.58 2.35 -87.89	138.26 9.40 -38.93	204.06 13.72 -55.30	321.31 27.20 4.06	151.84 13.37 1.24	139.52 12.25 0.09	154.81 12.24 -17.66	145.65 1.65 -127.29	82.54 1.57 -65.13	141.32 -0.01 -141.79
FENNER___WINDPWR 24204	8.92 0.10 -2.28	1.72 -0.03 -3.35	5.56 0.04 -2.70	12.75 0.18 -1.72	25.91 0.45 -0.02	26.01 0.49 -0.17	27.79 0.58 -2.98	30.76 0.58 -8.12	19.11 0.28 -8.42	16.27 0.26 -6.02	40.33 0.77 -7.64	31.41 0.41 -10.84	35.93 0.48 -12.22	32.45 0.52 -6.63	32.66 0.46 -9.85	96.20 2.00 -4.28	144.47 3.20 -6.24	302.38 7.17 2.95	142.21 3.40 0.90	130.38 3.08 0.06	128.66 2.88 -0.87	32.36 0.37 -15.28	24.27 0.31 -8.13	15.38 0.00 -15.85
FIBERTEK___ENERGY 23856	8.60 0.00 -2.07	1.44 0.00 -3.05	5.26 0.00 -2.46	12.38 -0.04 -1.56	25.31 -0.15 -0.02	25.40 -0.10 -0.16	26.92 -0.03 -2.71	29.46 0.01 -7.40	18.09 0.02 -7.65	15.49 0.03 -5.47	38.89 0.02 -6.95	27.91 -0.05 -7.80	34.29 -0.05 -11.11	31.28 -0.05 -6.03	31.25 -0.06 -8.96	93.55 -0.27 -3.89	140.32 -0.37 -5.66	300.61 -0.75 -3.20	140.39 -0.30 -0.98	127.21 -0.22 -0.07	127.91 -0.44 -3.43	29.96 -0.04 -13.30	22.50 -0.06 -6.72	14.21 0.00 -14.67
FITZPATRICK____ 23598	7.62 -0.16 -1.25	0.27 0.04 -1.84	4.22 -0.07 -1.48	11.50 -0.30 -0.94	24.65 -0.80 -0.01	24.65 -0.79 -0.09	25.16 -0.71 -1.64	25.88 -0.65 -4.47	14.75 -0.28 -4.63	13.03 -0.26 -3.31	35.22 -0.89 -4.20	24.28 -0.60 -4.71	29.22 -0.73 -6.71	28.17 -0.78 -3.64	27.05 -0.71 -5.41	89.33 -2.94 -2.35	134.04 -4.41 -3.42	288.45 -9.71 0.00	135.23 -4.49 0.00	123.31 -4.05 0.00	122.03 -4.09 -1.21	24.08 -0.51 -7.89	19.39 -0.47 -4.03	8.33 0.01 -8.78
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	27.61 0.55 -20.53	28.45 -0.12 -30.19	27.34 0.22 -24.30	27.22 0.89 -15.47	27.74 2.15 -0.15	29.12 2.24 -1.54	53.33 2.28 -26.81	97.34 2.10 -73.18	87.10 1.02 -75.68	65.09 0.97 -54.14	103.79 3.16 -68.71	99.22 1.99 -77.08	135.41 2.33 -109.85	87.50 2.58 -59.60	113.25 2.27 -88.63	137.53 9.02 -38.58	204.64 13.67 -55.94	322.52 28.38 4.03	152.32 13.85 1.23	139.98 12.70 0.09	155.29 12.48 -17.90	147.13 1.66 -128.76	83.25 1.53 -65.88	142.94 -0.02 -143.42
FORT ORANGE____ 23900	33.79 0.43 -26.82	37.72 -0.11 -39.44	34.75 0.19 -31.75	31.81 0.74 -20.21	27.37 1.74 -0.20	29.02 1.66 -2.01	60.70 1.43 -35.03	118.92 1.24 -95.62	109.75 0.59 -98.76	81.18 0.55 -70.65	123.46 1.88 -89.66	121.92 1.17 -100.58	167.85 1.27 -143.35	104.46 1.37 -77.78	139.24 1.23 -115.67	145.18 4.88 -50.37	215.45 7.41 -73.01	310.38 15.30 3.09	146.01 7.25 0.95	134.19 6.90 0.07	156.37 7.12 -24.33	186.13 1.03 -168.39	103.05 1.07 -86.14	187.05 -0.02 -187.54
FORT_DRUM_COGEN 23780	7.37 0.03 -0.81	-0.40 0.02 -1.19	3.78 0.02 -0.95	11.55 0.08 -0.61	25.81 0.36 -0.01	25.91 0.51 -0.06	26.03 0.74 -1.05	25.57 0.63 -2.88	13.51 0.11 -3.00	12.22 0.10 -2.14	35.20 0.57 -2.72	23.69 0.48 -3.05	28.23 0.65 -4.35	28.27 0.61 -2.36	26.29 0.45 -3.51	93.58 2.13 -1.52	141.58 4.36 -2.18	310.32 12.15 0.00	145.32 5.60 0.00	131.86 4.49 0.00	129.31 3.62 -0.77	22.17 0.46 -5.01	18.78 0.39 -2.56	5.11 0.01 -5.56
FPL_FAR_ROCK_GT1 24212	27.55 0.72 -20.30	28.09 -0.16 -29.85	27.11 0.27 -24.03	27.26 1.11 -15.29	28.35 2.76 -0.15	29.66 2.80 -1.52	53.62 2.88 -26.51	105.14 2.63 -80.46	219.52 1.27 -207.85	64.67 1.15 -53.53	103.78 3.92 -67.95	98.85 2.47 -76.22	137.62 3.03 -111.36	113.94 3.34 -85.29	113.13 2.88 -87.91	140.55 11.69 -38.94	206.64 16.29 -55.32	328.44 34.33 4.06	155.72 17.25 1.24	142.65 15.37 0.09	157.56 14.98 -17.66	146.03 2.00 -127.32	82.81 1.83 -65.14	141.33 -0.02 -141.82
FPL_FAR_ROCK_GT2 23815	27.55 0.72 -20.30	28.09 -0.16 -29.85	27.11 0.27 -24.03	27.26 1.11 -15.29	28.35 2.76 -0.15	29.66 2.80 -1.52	53.62 2.88 -26.51	105.14 2.63 -80.46	219.52 1.27 -207.85	64.67 1.15 -53.53	103.78 3.92 -67.95	98.85 2.47 -76.22	137.62 3.03 -111.36	113.94 3.34 -85.29	113.13 2.88 -87.91	140.55 11.69 -38.94	206.64 16.29 -55.32	328.44 34.33 4.06	155.72 17.25 1.24	142.65 15.37 0.09	157.56 14.98 -17.66	146.03 2.00 -127.32	82.81 1.83 -65.14	141.33 -0.02 -141.82
FRANKLIN_FALL_HYD 24054	6.35 -0.18 0.00	-1.57 0.04 0.00	2.75 -0.06 0.00	10.69 -0.17 0.00	25.38 -0.06 0.00	25.46 0.12 0.00	24.30 0.07 0.00	22.20 0.15 0.00	10.42 0.01 0.00	9.84 -0.14 0.00	31.34 -0.58 0.00	19.86 -0.30 0.00	23.07 -0.16 0.00	25.01 -0.29 0.00	22.05 -0.29 0.00	90.00 0.07 0.00	136.02 0.98 0.00	302.96 4.80 0.00	140.76 1.04 0.00	127.41 0.04 0.00	126.31 1.40 0.00	16.83 0.13 0.00	15.96 0.13 0.00	-0.51 -0.05 0.00



FREEPORT_EQUS_GT1 23764	27.54 0.71 -20.30	28.09 -0.14 -29.85	27.11 0.27 -24.03	27.23 1.07 -15.29	28.24 2.65 -0.15	29.55 2.68 -1.52	53.51 2.76 -26.51	104.97 2.46 -80.46	219.43 1.18 -207.85	64.59 1.07 -53.53	103.44 3.58 -67.95	98.64 2.26 -76.22	137.35 2.76 -111.36	113.67 3.07 -85.29	112.88 2.62 -87.91	139.50 10.64 -38.94	205.41 15.06 -55.32	325.16 31.06 4.06	154.20 15.72 1.24	141.26 13.98 0.09	156.22 13.64 -17.66	145.91 1.89 -127.32	82.72 1.74 -65.14	141.33 -0.02 -141.82
FREEPORT___CT2 23818	27.54 0.71 -20.30	28.09 -0.14 -29.85	27.11 0.27 -24.03	27.23 1.07 -15.29	28.24 2.65 -0.15	29.55 2.68 -1.52	53.51 2.76 -26.51	104.97 2.46 -80.46	219.43 1.18 -207.85	64.59 1.07 -53.53	103.44 3.58 -67.95	98.64 2.26 -76.22	137.35 2.76 -111.36	113.67 3.07 -85.29	112.88 2.62 -87.91	139.50 10.64 -38.94	205.41 15.06 -55.32	325.16 31.06 4.06	154.20 15.72 1.24	141.26 13.98 0.09	156.22 13.64 -17.66	145.91 1.89 -127.32	82.72 1.74 -65.14	141.33 -0.02 -141.82
FULTON COGEN____ 23766	8.07 -0.08 -1.62	0.79 0.02 -2.38	4.69 -0.04 -1.91	11.91 -0.17 -1.22	25.00 -0.45 -0.01	25.03 -0.44 -0.12	26.00 -0.35 -2.12	27.53 -0.30 -5.77	16.26 -0.12 -5.97	14.14 -0.11 -4.27	36.93 -0.41 -5.42	25.96 -0.29 -6.08	31.55 -0.36 -8.67	29.62 -0.38 -4.71	28.98 -0.35 -6.99	91.42 -1.54 -3.04	137.26 -2.19 -4.42	293.29 -4.88 0.00	137.52 -2.19 0.00	125.37 -2.00 0.00	124.36 -2.11 -1.56	26.63 -0.26 -10.19	20.78 -0.26 -5.20	10.87 0.00 -11.33
FULTON___LFGE 323630	39.77 0.70 -32.54	46.05 -0.18 -47.85	41.63 0.30 -38.52	36.60 1.23 -24.52	28.75 3.07 -0.24	31.04 3.25 -2.44	69.90 3.18 -42.49	140.91 2.89 -115.97	131.33 1.42 -119.50	96.80 1.33 -85.48	144.20 3.79 -108.50	144.34 2.47 -121.71	199.72 3.03 -173.45	122.64 3.21 -94.12	165.16 2.89 -139.93	162.60 11.82 -60.86	242.12 18.74 -88.35	337.06 43.11 4.21	158.32 19.90 1.29	145.16 17.89 0.09	171.55 17.40 -29.23	222.97 2.16 -204.11	122.18 1.86 -104.48	226.96 -0.05 -227.48
G.F.CEMENT___DRP 24184	35.99 0.58 -28.88	40.70 -0.15 -42.46	37.24 0.25 -34.18	33.58 0.96 -21.76	27.97 2.31 -0.21	30.04 2.53 -2.16	64.64 2.70 -37.71	127.52 2.55 -102.92	117.74 1.19 -106.14	87.02 1.11 -75.93	131.78 3.49 -96.37	130.45 2.19 -108.10	179.82 2.52 -154.07	111.61 2.70 -83.60	149.11 2.46 -124.31	154.28 10.24 -54.11	229.78 16.27 -78.48	331.34 36.00 2.82	155.15 16.30 0.86	142.54 15.24 0.06	166.03 14.74 -26.38	199.82 1.85 -181.27	110.22 1.63 -92.75	201.43 -0.05 -201.94
GARDENVILLE___LBMP 24039	9.88 -0.40 -3.75	4.02 0.10 -5.52	7.04 -0.19 -4.42	12.80 -0.77 -2.71	23.61 -1.86 -0.03	22.66 -1.94 0.75	27.10 -1.92 -4.79	31.61 -1.64 -11.20	14.34 -0.80 -4.73	14.00 -0.69 -4.71	39.32 -2.07 -9.47	27.26 -1.67 -8.77	22.80 -1.86 -1.43	9.91 -2.02 13.38	13.44 -1.72 7.19	24.91 -7.22 57.79	29.88 -10.99 94.16	27.68 -24.76 245.73	31.37 -11.21 97.13	43.89 -9.51 73.95	17.21 -10.05 97.65	16.87 -1.33 -1.50	17.31 -1.30 -2.77	15.22 0.03 -15.66
GENERAL___MILLS 23808	9.90 -0.38 -3.75	4.01 0.10 -5.52	7.05 -0.18 -4.42	12.82 -0.74 -2.70	23.69 -1.78 -0.03	22.71 -1.87 0.76	27.21 -1.84 -4.81	31.72 -1.58 -11.24	14.36 -0.78 -4.72	14.03 -0.67 -4.71	39.46 -1.96 -9.50	27.36 -1.60 -8.80	22.75 -1.79 -1.31	9.85 -1.95 13.50	13.40 -1.65 7.29	24.56 -7.00 58.36	29.53 -10.58 94.92	32.01 -23.84 242.31	32.39 -10.73 96.59	43.11 -9.07 75.18	19.12 -9.69 96.10	17.22 -1.28 -1.79	17.40 -1.25 -2.81	15.47 0.02 -15.91
GE_PLASTICS___DRP 24183	33.13 0.39 -26.21	36.84 -0.10 -38.54	34.01 0.17 -31.03	31.27 0.66 -19.75	27.20 1.56 -0.19	28.84 1.53 -1.97	59.90 1.43 -34.23	116.76 1.26 -93.44	107.53 0.60 -96.52	79.60 0.57 -69.05	121.45 1.90 -87.64	119.64 1.18 -98.31	164.65 1.31 -140.11	102.76 1.43 -76.03	136.67 1.27 -113.05	144.20 5.04 -49.23	213.93 7.54 -71.35	310.48 15.50 3.18	146.13 7.39 0.97	134.26 6.97 0.07	155.70 7.08 -23.71	182.20 0.96 -164.54	100.97 0.96 -84.16	182.76 -0.02 -183.25
GILBOA___1 23756	26.89 0.32 -20.03	27.77 -0.08 -29.46	26.67 0.14 -23.71	26.52 0.57 -15.09	26.93 1.35 -0.15	28.05 1.21 -1.50	51.60 1.21 -26.16	94.56 1.10 -71.41	84.79 0.53 -73.85	63.31 0.50 -52.83	100.61 1.64 -67.05	96.40 1.03 -75.21	131.62 1.19 -107.20	84.78 1.31 -58.16	109.99 1.15 -86.49	132.12 4.55 -37.65	196.29 6.67 -54.59	306.22 12.91 4.86	144.49 6.27 1.49	133.46 6.21 0.11	148.16 6.20 -17.04	143.11 0.83 -125.58	80.89 0.78 -64.27	139.43 -0.01 -139.91
GILBOA___2 23757	26.89 0.32 -20.03	27.77 -0.08 -29.46	26.67 0.14 -23.71	26.52 0.57 -15.09	26.93 1.35 -0.15	28.05 1.21 -1.50	51.60 1.21 -26.16	94.56 1.10 -71.41	84.79 0.53 -73.85	63.31 0.50 -52.83	100.61 1.64 -67.05	96.40 1.03 -75.21	131.62 1.19 -107.20	84.78 1.31 -58.16	109.99 1.15 -86.49	132.12 4.55 -37.65	196.29 6.67 -54.59	306.22 12.91 4.86	144.49 6.27 1.49	133.46 6.21 0.11	148.16 6.20 -17.04	143.11 0.83 -125.58	80.89 0.78 -64.27	139.43 -0.01 -139.91
GILBOA___3 23758	26.89 0.32 -20.03	27.77 -0.08 -29.46	26.67 0.14 -23.71	26.52 0.57 -15.09	26.93 1.35 -0.15	28.05 1.21 -1.50	51.60 1.21 -26.16	94.56 1.10 -71.41	84.79 0.53 -73.85	63.31 0.50 -52.83	100.61 1.64 -67.05	96.40 1.03 -75.21	131.62 1.19 -107.20	84.78 1.31 -58.16	109.99 1.15 -86.49	132.12 4.55 -37.65	196.29 6.67 -54.59	306.22 12.91 4.86	144.49 6.27 1.49	133.46 6.21 0.11	148.16 6.20 -17.04	143.11 0.83 -125.58	80.89 0.78 -64.27	139.43 -0.01 -139.91
GILBOA___4 23759	26.89 0.32 -20.03	27.77 -0.08 -29.46	26.67 0.14 -23.71	26.52 0.57 -15.09	26.93 1.35 -0.15	28.05 1.21 -1.50	51.60 1.21 -26.16	94.56 1.10 -71.41	84.79 0.53 -73.85	63.31 0.50 -52.83	100.61 1.64 -67.05	96.40 1.03 -75.21	131.62 1.19 -107.20	84.78 1.31 -58.16	109.99 1.15 -86.49	132.12 4.55 -37.65	196.29 6.67 -54.59	306.22 12.91 4.86	144.49 6.27 1.49	133.46 6.21 0.11	148.16 6.20 -17.04	143.11 0.83 -125.58	80.89 0.78 -64.27	139.43 -0.01 -139.91
GILBOA____ 23599	26.89 0.32 -20.03	27.77 -0.08 -29.46	26.67 0.14 -23.71	26.52 0.57 -15.09	26.93 1.35 -0.15	28.05 1.21 -1.50	51.60 1.21 -26.16	94.56 1.10 -71.41	84.79 0.53 -73.85	63.31 0.50 -52.83	100.61 1.64 -67.05	96.40 1.03 -75.21	131.62 1.19 -107.20	84.78 1.31 -58.16	109.99 1.15 -86.49	132.12 4.55 -37.65	196.29 6.67 -54.59	306.22 12.91 4.86	144.49 6.27 1.49	133.46 6.21 0.11	148.16 6.20 -17.04	143.11 0.83 -125.58	80.89 0.78 -64.27	139.43 -0.01 -139.91
GINNA____ 23603	8.54 -0.38 -2.40	2.00 0.09 -3.53	5.48 -0.17 -2.84	11.99 -0.70 -1.83	23.79 -1.67 -0.02	24.08 -1.64 -0.38	25.95 -1.43 -3.15	29.81 -1.23 -8.99	20.54 -0.58 -10.70	16.85 -0.52 -7.38	38.95 -1.61 -8.65	26.77 -1.15 -7.76	38.52 -1.35 -16.64	35.77 -1.49 -11.95	36.19 -1.31 -15.15	102.26 -5.48 -17.81	154.91 -8.15 -28.03	307.29 -17.25 -26.37	144.38 -7.86 -12.53	134.89 -7.03 -14.55	129.63 -7.53 -12.25	32.34 -0.99 -16.63	23.22 -0.98 -8.36	17.41 0.03 -17.84
GLEN PARK____ 23778	7.45 0.06 -0.85	-0.34 0.02 -1.26	3.85 0.03 -1.01	11.63 0.13 -0.65	25.93 0.48 -0.01	26.05 0.64 -0.06	26.23 0.88 -1.12	25.89 0.79 -3.05	13.76 0.18 -3.17	12.42 0.17 -2.27	35.57 0.77 -2.88	24.00 0.61 -3.23	28.63 0.79 -4.61	28.56 0.75 -2.50	26.63 0.57 -3.71	94.21 2.67 -1.61	142.56 5.21 -2.32	312.37 14.20 0.00	146.15 6.44 0.00	132.62 5.26 0.00	130.13 4.39 -0.82	22.59 0.57 -5.32	19.03 0.47 -2.71	5.45 0.01 -5.91



GLENWOOD_IC_1_G5 23712	27.46 0.64 -20.30	28.11 -0.14 -29.85	27.09 0.24 -24.03	27.13 0.98 -15.29	28.00 2.41 -0.15	29.34 2.47 -1.52	53.27 2.53 -26.51	104.82 2.31 -80.46	219.38 1.12 -207.85	64.56 1.04 -53.53	103.40 3.54 -67.95	98.62 2.23 -76.22	137.28 2.69 -111.36	113.58 2.98 -85.29	112.83 2.57 -87.91	139.15 10.29 -38.94	205.24 14.90 -55.32	324.51 30.41 4.06	153.61 15.14 1.24	140.90 13.62 0.09	155.92 13.34 -17.66	145.82 1.79 -127.32	82.63 1.65 -65.14	141.33 -0.02 -141.82
GLENWOOD_IC_2_G1 23688	27.42 0.58 -20.30	28.11 -0.12 -29.85	27.07 0.23 -24.03	27.07 0.91 -15.29	27.82 2.23 -0.15	29.16 2.29 -1.52	53.09 2.35 -26.51	104.65 2.14 -80.46	219.30 1.04 -207.85	64.50 0.98 -53.53	103.18 3.32 -67.95	98.48 2.10 -76.22	137.09 2.50 -111.36	113.38 2.78 -85.29	112.66 2.41 -87.91	138.47 9.61 -38.94	204.26 13.92 -55.32	322.33 28.22 4.06	152.51 14.04 1.24	139.99 12.71 0.09	155.12 12.54 -17.66	145.71 1.69 -127.32	82.54 1.56 -65.14	141.34 -0.01 -141.82
GLENWOOD_IC_3_G1 23689	27.42 0.58 -20.30	28.11 -0.12 -29.85	27.07 0.23 -24.03	27.07 0.91 -15.29	27.82 2.23 -0.15	29.16 2.29 -1.52	53.09 2.35 -26.51	104.65 2.14 -80.46	219.30 1.04 -207.85	64.50 0.98 -53.53	103.18 3.32 -67.95	98.48 2.10 -76.22	137.09 2.50 -111.36	113.38 2.78 -85.29	112.66 2.41 -87.91	138.47 9.61 -38.94	204.26 13.92 -55.32	322.33 28.22 4.06	152.51 14.04 1.24	139.99 12.71 0.09	155.12 12.54 -17.66	145.71 1.69 -127.32	82.54 1.56 -65.14	141.34 -0.01 -141.82
GLENWOOD___4 23550	27.46 0.64 -20.30	28.11 -0.14 -29.85	27.09 0.24 -24.03	27.13 0.98 -15.29	28.00 2.41 -0.15	29.34 2.47 -1.52	53.27 2.53 -26.51	104.82 2.31 -80.46	219.38 1.12 -207.85	64.56 1.04 -53.53	103.40 3.54 -67.95	98.62 2.23 -76.22	137.28 2.69 -111.36	113.58 2.98 -85.29	112.83 2.57 -87.91	139.15 10.29 -38.94	205.24 14.90 -55.32	324.51 30.41 4.06	153.61 15.14 1.24	140.90 13.62 0.09	155.92 13.34 -17.66	145.82 1.79 -127.32	82.63 1.65 -65.14	141.33 -0.02 -141.82
GLENWOOD___5 23614	27.46 0.64 -20.30	28.11 -0.14 -29.85	27.09 0.24 -24.03	27.13 0.98 -15.29	28.00 2.41 -0.15	29.34 2.47 -1.52	53.27 2.53 -26.51	104.82 2.31 -80.46	219.38 1.12 -207.85	64.56 1.04 -53.53	103.40 3.54 -67.95	98.62 2.23 -76.22	137.28 2.69 -111.36	113.58 2.98 -85.29	112.83 2.57 -87.91	139.15 10.29 -38.94	205.24 14.90 -55.32	324.51 30.41 4.06	153.61 15.14 1.24	140.90 13.62 0.09	155.92 13.34 -17.66	145.82 1.79 -127.32	82.63 1.65 -65.14	141.33 -0.02 -141.82
GLOBAL GREEN_PORT_GT1 23814	27.90 1.08 -20.30	28.03 -0.21 -29.85	27.25 0.41 -24.03	27.73 1.58 -15.29	29.35 3.76 -0.15	30.71 3.85 -1.52	54.68 3.93 -26.51	106.09 3.59 -80.46	219.65 1.39 -207.85	64.89 1.37 -53.53	104.90 5.04 -67.95	99.57 3.19 -76.22	138.44 3.84 -111.36	114.82 4.23 -85.29	113.92 3.66 -87.91	143.81 18.66 -38.94	209.01 18.66 -55.32	330.46 36.36 4.06	161.89 23.42 1.24	148.48 21.21 0.09	162.91 20.34 -17.66	146.81 2.78 -127.32	83.59 2.61 -65.14	141.32 -0.03 -141.82
GLOBE___DSASP 323697	9.32 -0.65 -3.44	3.61 0.15 -5.07	6.58 -0.28 -4.05	12.17 -1.15 -2.46	22.73 -2.74 -0.03	21.37 -3.01 0.97	25.79 -2.93 -4.48	29.58 -2.61 -10.13	12.04 -1.25 -2.88	12.41 -1.11 -3.53	36.93 -3.36 -8.37	25.88 -2.48 -8.20	18.66 -2.85 1.73	5.62 -2.95 16.74	8.91 -2.67 10.77	13.52 -11.24 65.16	11.67 -17.07 106.30	8.14 -37.59 252.43	21.57 -17.18 100.96	32.31 -14.85 80.20	9.83 -15.35 99.74	14.38 -2.01 0.32	15.66 -1.88 -1.70	13.43 0.05 -13.84
GOETHSLN___LBMP 323567	27.33 0.51 -20.29	28.12 -0.11 -29.84	27.03 0.20 -24.02	26.95 0.80 -15.29	27.53 1.94 -0.15	28.87 2.01 -1.52	52.80 2.07 -26.50	96.26 1.86 -72.34	86.15 0.92 -74.81	64.41 0.90 -53.52	102.86 3.02 -67.93	98.31 1.95 -76.20	134.14 2.31 -108.60	86.82 2.59 -58.93	112.50 2.26 -87.89	137.92 9.06 -38.93	203.64 13.30 -55.30	320.40 26.29 4.06	151.37 12.90 1.24	139.03 11.76 0.09	154.33 11.75 -17.66	145.58 1.58 -127.29	82.47 1.51 -65.13	141.31 -0.01 -141.79
GOODYEAR_LAKE_HYD 323669	12.98 0.30 -6.15	7.37 -0.07 -9.05	10.22 0.13 -7.28	15.98 0.49 -4.64	26.65 1.17 -0.05	26.98 1.18 -0.45	33.51 1.25 -8.03	45.14 1.17 -21.91	33.49 0.59 -22.49	26.63 0.56 -16.09	54.09 1.75 -20.42	44.11 1.04 -22.91	57.10 1.22 -32.65	44.38 1.35 -17.72	49.86 1.18 -26.33	106.08 4.72 -11.44	158.97 7.30 -16.64	304.31 15.59 9.45	144.45 7.63 2.89	134.14 6.98 0.21	133.30 6.76 -1.62	55.50 0.89 -37.91	36.22 0.77 -19.62	42.15 -0.01 -42.62
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	13.22 0.03 -6.66	8.18 0.00 -9.79	10.69 0.01 -7.87	15.87 0.02 -4.99	25.51 0.02 -0.05	25.70 0.05 -0.30	33.00 0.10 -8.68	45.48 0.13 -23.29	33.16 0.06 -22.70	26.55 0.06 -16.50	53.77 0.20 -21.65	43.03 -0.04 -22.91	55.13 0.03 -31.86	39.78 0.05 -14.42	46.38 0.05 -23.99	89.59 0.31 0.64	132.64 0.56 2.96	267.12 -0.18 30.87	126.01 0.12 13.82	113.25 0.28 14.40	119.79 0.49 5.61	55.04 0.03 -38.31	35.25 -0.03 -19.45	44.84 0.01 -45.30
GOUDEY___7 23579	13.22 0.03 -6.66	8.18 0.00 -9.79	10.70 0.01 -7.87	15.88 0.03 -4.99	25.53 0.04 -0.05	25.72 0.07 -0.30	33.03 0.12 -8.68	45.50 0.15 -23.29	33.18 0.07 -22.70	26.56 0.07 -16.50	53.80 0.23 -21.65	43.05 -0.02 -22.91	55.15 0.06 -31.86	39.80 0.08 -14.42	46.40 0.08 -23.99	89.68 0.40 0.64	132.80 0.73 2.96	267.50 0.20 30.87	126.15 0.26 13.82	113.39 0.42 14.40	119.93 0.63 5.61	55.06 0.04 -38.31	35.26 -0.02 -19.45	44.85 0.01 -45.30
GOUDEY___8 23580	13.22 0.03 -6.66	8.18 0.00 -9.79	10.69 0.01 -7.87	15.87 0.02 -4.99	25.51 0.02 -0.05	25.70 0.05 -0.30	33.00 0.10 -8.68	45.48 0.13 -23.29	33.16 0.06 -22.70	26.55 0.06 -16.50	53.77 0.20 -21.65	43.03 -0.04 -22.91	55.13 0.03 -31.86	39.78 0.05 -14.42	46.38 0.05 -23.99	89.59 0.31 0.64	132.64 0.56 2.96	267.12 -0.18 30.87	126.01 0.12 13.82	113.25 0.28 14.40	119.79 0.49 5.61	55.04 0.03 -38.31	35.25 -0.03 -19.45	44.84 0.01 -45.30
GOWANUS_GT1_1 24077	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
GOWANUS_GT1_2 24078	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
GOWANUS_GT1_3 24079	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80



GOWANUS_GT1_4 24080	27.40	28.11	27.06	27.05	27.75	29.16	53.07	96.52	86.28	64.55	103.34	98.58	134.45	87.15	112.77	138.90	205.06	323.13	152.95	140.49	155.91	147.23	82.69	141.32
	0.58	-0.12	0.23	0.90	2.17	2.30	2.34	2.11	1.05	1.04	3.49	2.20	2.61	2.91	2.52	10.04	14.72	29.02	14.47	13.22	13.33	1.80	1.71	-0.01
	-20.30	-29.84	-24.02	-15.29	-0.15	-1.52	-26.50	-72.35	-74.82	-53.53	-67.94	-76.21	-108.61	-58.94	-87.90	-38.93	-55.31	4.06	1.24	0.09	-17.67	-128.73	-65.14	-141.80
GOWANUS_GT1_5 24084	27.40	28.11	27.06	27.05	27.75	29.16	53.07	96.52	86.28	64.55	103.34	98.58	134.45	87.15	112.77	138.90	205.06	323.13	152.95	140.49	155.91	147.23	82.69	141.32
	0.58	-0.12	0.23	0.90	2.17	2.30	2.34	2.11	1.05	1.04	3.49	2.20	2.61	2.91	2.52	10.04	14.72	29.02	14.47	13.22	13.33	1.80	1.71	-0.01
	-20.30	-29.84	-24.02	-15.29	-0.15	-1.52	-26.50	-72.35	-74.82	-53.53	-67.94	-76.21	-108.61	-58.94	-87.90	-38.93	-55.31	4.06	1.24	0.09	-17.67	-128.73	-65.14	-141.80
GOWANUS_GT1_6 24111	27.40	28.11	27.06	27.05	27.75	29.16	53.07	96.52	86.28	64.55	103.34	98.58	134.45	87.15	112.77	138.90	205.06	323.13	152.95	140.49	155.91	147.23	82.69	141.32
	0.58	-0.12	0.23	0.90	2.17	2.30	2.34	2.11	1.05	1.04	3.49	2.20	2.61	2.91	2.52	10.04	14.72	29.02	14.47	13.22	13.33	1.80	1.71	-0.01
	-20.30	-29.84	-24.02	-15.29	-0.15	-1.52	-26.50	-72.35	-74.82	-53.53	-67.94	-76.21	-108.61	-58.94	-87.90	-38.93	-55.31	4.06	1.24	0.09	-17.67	-128.73	-65.14	-141.80
GOWANUS_GT1_7 24112	27.40	28.11	27.06	27.05	27.75	29.16	53.07	96.52	86.28	64.55	103.34	98.58	134.45	87.15	112.77	138.90	205.06	323.13	152.95	140.49	155.91	147.23	82.69	141.32
	0.58	-0.12	0.23	0.90	2.17	2.30	2.34	2.11	1.05	1.04	3.49	2.20	2.61	2.91	2.52	10.04	14.72	29.02	14.47	13.22	13.33	1.80	1.71	-0.01
	-20.30	-29.84	-24.02	-15.29	-0.15	-1.52	-26.50	-72.35	-74.82	-53.53	-67.94	-76.21	-108.61	-58.94	-87.90	-38.93	-55.31	4.06	1.24	0.09	-17.67	-128.73	-65.14	-141.80
GOWANUS_GT1_8 24113	27.40	28.11	27.06	27.05	27.75	29.16	53.07	96.52	86.28	64.55	103.34	98.58	134.45	87.15	112.77	138.90	205.06	323.13	152.95	140.49	155.91	147.23	82.69	141.32
	0.58	-0.12	0.23	0.90	2.17	2.30	2.34	2.11	1.05	1.04	3.49	2.20	2.61	2.91	2.52	10.04	14.72	29.02	14.47	13.22	13.33	1.80	1.71	-0.01
	-20.30	-29.84	-24.02	-15.29	-0.15	-1.52	-26.50	-72.35	-74.82	-53.53	-67.94	-76.21	-108.61	-58.94	-87.90	-38.93	-55.31	4.06	1.24	0.09	-17.67	-128.73	-65.14	-141.80
GOWANUS_GT2_1 24114	27.40	28.11	27.06	27.05	27.75	29.16	53.07	96.52	86.28	64.55	103.34	98.58	134.45	87.15	112.77	138.90	205.06	323.13	152.95	140.49	155.91	147.23	82.69	141.32
	0.58	-0.12	0.23	0.90	2.17	2.30	2.34	2.11	1.05	1.04	3.49	2.20	2.61	2.91	2.52	10.04	14.72	29.02	14.47	13.22	13.33	1.80	1.71	-0.01
	-20.30	-29.84	-24.02	-15.29	-0.15	-1.52	-26.50	-72.35	-74.82	-53.53	-67.94	-76.21	-108.61	-58.94	-87.90	-38.93	-55.31	4.06	1.24	0.09	-17.67	-128.73	-65.14	-141.80
GOWANUS_GT2_2 24115	27.40	28.11	27.06	27.05	27.75	29.16	53.07	96.52	86.28	64.55	103.34	98.58	134.45	87.15	112.77	138.90	205.06	323.13	152.95	140.49	155.91	147.23	82.69	141.32
	0.58	-0.12	0.23	0.90	2.17	2.30	2.34	2.11	1.05	1.04	3.49	2.20	2.61	2.91	2.52	10.04	14.72	29.02	14.47	13.22	13.33	1.80	1.71	-0.01
	-20.30	-29.84	-24.02	-15.29	-0.15	-1.52	-26.50	-72.35	-74.82	-53.53	-67.94	-76.21	-108.61	-58.94	-87.90	-38.93	-55.31	4.06	1.24	0.09	-17.67	-128.73	-65.14	-141.80
GOWANUS_GT2_3 24116	27.40	28.11	27.06	27.05	27.75	29.16	53.07	96.52	86.28	64.55	103.34	98.58	134.45	87.15	112.77	138.90	205.06	323.13	152.95	140.49	155.91	147.23	82.69	141.32
	0.58	-0.12	0.23	0.90	2.17	2.30	2.34	2.11	1.05	1.04	3.49	2.20	2.61	2.91	2.52	10.04	14.72	29.02	14.47	13.22	13.33	1.80	1.71	-0.01
	-20.30	-29.84	-24.02	-15.29	-0.15	-1.52	-26.50	-72.35	-74.82	-53.53	-67.94	-76.21	-108.61	-58.94	-87.90	-38.93	-55.31	4.06	1.24	0.09	-17.67	-128.73	-65.14	-141.80
GOWANUS_GT2_4 24117	27.40	28.11	27.06	27.05	27.75	29.16	53.07	96.52	86.28	64.55	103.34	98.58	134.45	87.15	112.77	138.90	205.06	323.13	152.95	140.49	155.91	147.23	82.69	141.32
	0.58	-0.12	0.23	0.90	2.17	2.30	2.34	2.11	1.05	1.04	3.49	2.20	2.61	2.91	2.52	10.04	14.72	29.02	14.47	13.22	13.33	1.80	1.71	-0.01
	-20.30	-29.84	-24.02	-15.29	-0.15	-1.52	-26.50	-72.35	-74.82	-53.53	-67.94	-76.21	-108.61	-58.94	-87.90	-38.93	-55.31	4.06	1.24	0.09	-17.67	-128.73	-65.14	-141.80
GOWANUS_GT2_5 24118	27.40	28.11	27.06	27.05	27.75	29.16	53.07	96.52	86.28	64.55	103.34	98.58	134.45	87.15	112.77	138.90	205.06	323.13	152.95	140.49	155.91	147.23	82.69	141.32
	0.58	-0.12	0.23	0.90	2.17	2.30	2.34	2.11	1.05	1.04	3.49	2.20	2.61	2.91	2.52	10.04	14.72	29.02	14.47	13.22	13.33	1.80	1.71	-0.01
	-20.30	-29.84	-24.02	-15.29	-0.15	-1.52	-26.50	-72.35	-74.82	-53.53	-67.94	-76.21	-108.61	-58.94	-87.90	-38.93	-55.31	4.06	1.24	0.09	-17.67	-128.73	-65.14	-141.80
GOWANUS_GT2_6 24119	27.40	28.11	27.06	27.05	27.75	29.16	53.07	96.52	86.28	64.55	103.34	98.58	134.45	87.15	112.77	138.90	205.06	323.13	152.95	140.49	155.91	147.23	82.69	141.32
	0.58	-0.12	0.23	0.90	2.17	2.30	2.34	2.11	1.05	1.04	3.49	2.20	2.61	2.91	2.52	10.04	14.72	29.02	14.47	13.22	13.33	1.80	1.71	-0.01
	-20.30	-29.84	-24.02	-15.29	-0.15	-1.52	-26.50	-72.35	-74.82	-53.53	-67.94	-76.21	-108.61	-58.94	-87.90	-38.93	-55.31	4.06	1.24	0.09	-17.67	-128.73	-65.14	-141.80
GOWANUS_GT2_7 24120	27.40	28.11	27.06	27.05	27.75	29.16	53.07	96.52	86.28	64.55	103.34	98.58	134.45	87.15	112.77	138.90	205.06	323.13	152.95	140.49	155.91	147.23	82.69	141.32
	0.58	-0.12	0.23	0.90	2.17	2.30	2.34	2.11	1.05	1.04	3.49	2.20	2.61	2.91	2.52	10.04	14.72	29.02	14.47	13.22	13.33	1.80	1.71	-0.01
	-20.30	-29.84	-24.02	-15.29	-0.15	-1.52	-26.50	-72.35	-74.82	-53.53	-67.94	-76.21	-108.61	-58.94	-87.90	-38.93	-55.31	4.06	1.24	0.09	-17.67	-128.73	-65.14	-141.80
GOWANUS_GT2_8 24121	27.40	28.11	27.06	27.05	27.75	29.16	53.07	96.52	86.28	64.55	103.34	98.58	134.45	87.15	112.77	138.90	205.06	323.13	152.95	140.49	155.91	147.23	82.69	141.32
	0.58	-0.12	0.23	0.90	2.17	2.30	2.34	2.11	1.05	1.04	3.49	2.20	2.61	2.91	2.52	10.04	14.72	29.02	14.47	13.22	13.33	1.80	1.71	-0.01
	-20.30	-29.84	-24.02	-15.29	-0.15	-1.52	-26.50	-72.35	-74.82	-53.53	-67.94	-76.21	-108.61	-58.94	-87.90	-38.93	-55.31	4.06	1.24	0.09	-17.67	-128.73	-65.14	-141.80
GOWANUS_GT3_1 24122	27.40	28.11	27.06	27.05	27.75	29.16	53.07	96.52	86.28	64.55	103.34	98.58	134.45	87.15	112.77	138.90	205.06	323.13	152.95	140.49	155.91	147.23	82.69	141.32
	0.58	-0.12	0.23	0.90	2.17	2.30	2.34	2.11	1.05	1.04	3.49	2.20	2.61	2.91	2.52	10.04	14.72	29.02	14.47	13.22	13.33	1.80	1.71	-0.01
	-20.30	-29.84	-24.02	-15.29	-0.15	-1.52	-26.50	-72.35	-74.82	-53.53	-67.94	-76.21	-108.61	-58.94	-87.90	-38.93	-55.31	4.06	1.24	0.09	-17.67	-128.73	-65.14	-141.80
GOWANUS_GT3_2 24123	27.40	28.11	27.06	27.05	27.75	29.16	53.07	96.52	86.28	64.55	103.34	98.58	134.45	87.15	112.77	138.90	205.06	323.13	152.95	140.49	155.91	147.23	82.69	141.32
	0.58	-0.12	0.23	0.90	2.17	2.30	2.34	2.11	1.05	1.04	3.49	2.20	2.61	2.91	2.52	10.04	14.72	29.02	14.47	13.22	13.33	1.80	1.71	-0.01
	-20.30	-29.84	-24.02	-																				



GOWANUS_GT3_3 24124	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
GOWANUS_GT3_4 24125	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
GOWANUS_GT3_5 24126	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
GOWANUS_GT3_6 24127	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
GOWANUS_GT3_7 24128	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
GOWANUS_GT3_8 24129	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
GOWANUS_GT4_1 24130	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
GOWANUS_GT4_2 24131	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
GOWANUS_GT4_3 24132	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
GOWANUS_GT4_4 24133	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
GOWANUS_GT4_5 24134	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
GOWANUS_GT4_6 24135	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
GOWANUS_GT4_7 24136	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
GOWANUS_GT4_8 24137	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
GREENIDGE___3 23582	10.63 -0.03 -4.13	4.48 0.02 -6.07	7.67 -0.02 -4.89	13.87 -0.07 -3.09	25.28 -0.20 -0.03	25.39 -0.12 -0.16	29.62 0.02 -5.37	36.46 0.13 -14.28	23.93 0.06 -13.46	19.92 0.05 -9.88	45.14 0.02 -13.21	25.92 -0.13 -18.53	41.70 -0.05 -7.36	32.62 -0.04 -13.34	35.66 -0.03 4.57	84.77 -0.58 8.60	125.80 -0.63 6.32	290.28 -1.56 6.32	132.99 -0.67 6.05	113.61 -0.71 13.03	126.88 -0.91 -2.87	37.07 -0.10 -20.47	24.68 -0.12 -8.96	28.21 0.01 -28.66



GREENIDGE___4 23583	10.63 -0.03 -4.13	4.48 0.02 -6.07	7.67 -0.02 -4.89	13.87 -0.07 -3.09	25.28 -0.20 -0.03	25.39 -0.12 -0.16	29.62 0.02 -5.37	36.46 0.13 -14.28	23.93 0.06 -13.46	19.92 0.05 -9.88	45.14 0.02 -13.21	25.92 -0.13 -5.89	41.70 -0.05 -18.53	32.62 -0.04 -7.36	35.66 -0.03 -13.34	84.77 -0.58 4.57	125.80 -0.63 8.60	290.28 -1.56 6.32	132.99 -0.67 6.05	113.61 -0.71 13.03	126.88 -0.91 -2.87	37.07 -0.10 -20.47	24.68 -0.12 -8.96	28.21 0.01 -28.66
GREENWD_138_KV_38B11_REV_LBMP_J 345004	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
GROVEVILLE___HYD 323602	27.61 0.55 -20.53	28.45 -0.12 -30.19	27.34 0.22 -24.30	27.22 0.89 -15.47	27.74 2.15 -0.15	29.12 2.24 -1.54	53.33 2.28 -26.81	97.34 2.10 -73.18	87.10 1.02 -75.68	65.09 0.97 -54.14	103.79 3.16 -68.71	99.22 1.99 -77.08	135.41 2.33 -109.85	87.50 2.58 -59.60	113.25 2.27 -88.63	137.53 9.02 -38.58	204.64 13.67 -55.94	322.52 28.38 4.03	152.32 13.85 1.23	139.98 12.70 0.09	155.29 12.48 -17.90	147.13 1.66 -128.76	83.25 1.53 -65.88	142.94 -0.02 -143.42
HAMPSHIRE___PAPER_HYD 323593	6.45 -0.08 0.00	-1.58 0.03 0.00	2.78 -0.03 0.00	10.77 -0.09 0.00	25.35 -0.09 0.00	25.24 -0.10 0.00	24.09 -0.14 0.00	21.87 -0.19 0.00	10.20 -0.21 0.00	9.80 -0.18 0.00	31.54 -0.38 0.00	20.12 -0.05 0.00	23.31 0.08 0.00	25.31 0.01 0.00	22.24 -0.10 0.00	89.31 -0.62 0.00	134.71 -0.32 0.00	299.63 1.46 0.00	140.01 0.29 0.00	127.18 -0.18 0.00	124.74 -0.18 0.00	16.63 -0.07 0.00	15.89 0.05 0.00	-0.47 0.00 0.00
HARDSCRABBLE_WT_PWR 323673	6.19 0.14 0.48	-2.36 -0.04 0.71	2.30 0.06 0.57	10.78 0.28 0.36	26.19 0.75 0.00	26.11 0.80 0.04	24.50 0.89 0.63	21.13 0.80 1.72	9.05 0.37 1.73	9.09 0.34 1.24	31.34 0.99 1.57	19.04 0.64 1.76	21.52 0.80 2.51	24.80 0.85 1.36	21.05 0.73 2.02	91.99 2.95 0.88	138.45 4.64 1.22	308.71 10.55 0.00	145.53 5.82 0.00	132.31 4.95 0.00	129.03 4.54 0.43	14.42 0.61 2.89	14.84 0.50 1.49	-3.71 0.00 3.24
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	26.08 0.45 -19.10	26.37 -0.10 -28.08	25.60 0.18 -22.61	25.98 0.73 -14.39	27.40 1.81 -0.14	28.67 1.90 -1.43	51.12 1.95 -24.94	91.93 1.80 -68.08	81.69 0.88 -70.40	61.19 0.84 -50.36	98.53 2.70 -63.92	93.57 1.70 -71.70	127.43 2.01 -102.19	82.99 2.23 -55.45	106.35 1.96 -82.05	132.41 7.79 -34.69	198.86 11.79 -52.04	318.07 24.10 4.19	150.24 11.81 1.28	138.03 10.76 0.09	152.00 10.64 -16.45	137.86 1.41 -119.75	78.40 1.28 -61.28	132.92 -0.01 -133.39
HARZA MOOSE___RIVER 24016	6.65 0.12 0.00	-1.64 -0.02 0.00	2.86 0.05 0.00	11.08 0.22 0.00	26.06 0.62 0.00	26.03 0.68 0.00	25.02 0.78 0.00	22.79 0.74 0.00	10.71 0.30 0.00	10.28 0.29 0.00	32.89 0.98 0.00	20.80 0.64 0.00	24.02 0.79 0.00	26.13 0.82 0.00	23.04 0.70 0.00	92.77 2.84 0.00	139.81 4.77 0.00	309.64 11.47 0.00	145.04 5.33 0.00	132.00 4.64 0.00	129.18 4.27 0.00	17.22 0.52 0.00	16.29 0.45 0.00	-0.47 -0.01 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	27.39 0.57 -20.30	28.11 -0.12 -29.84	27.06 0.22 -24.02	27.04 0.89 -15.29	27.73 2.14 -0.15	29.10 2.24 -1.52	53.01 2.28 -26.50	96.47 2.06 -72.35	86.25 1.02 -74.82	64.52 1.01 -53.53	103.21 3.36 -67.94	98.51 2.14 -76.21	134.35 2.50 -108.61	87.04 2.80 -58.94	112.69 2.44 -87.90	138.57 9.72 -38.93	204.60 14.25 -55.31	322.46 28.36 4.06	152.58 14.11 1.24	140.18 12.90 0.09	155.40 12.82 -17.67	147.16 1.73 -128.73	82.62 1.64 -65.14	141.32 -0.01 -141.80
HEMPSTEAD____ 23647	27.49 0.66 -20.30	28.10 -0.14 -29.85	27.09 0.25 -24.03	27.16 1.00 -15.29	28.06 2.47 -0.15	29.38 2.52 -1.52	53.33 2.58 -26.51	104.85 2.35 -80.46	219.39 1.13 -207.85	64.54 1.02 -53.53	103.34 3.48 -67.95	98.58 2.20 -76.22	137.26 2.67 -111.36	113.57 2.97 -85.29	112.80 2.54 -87.91	139.10 10.24 -38.94	204.93 14.58 -55.32	323.97 29.87 4.06	153.50 15.03 1.24	140.69 13.42 0.09	155.67 13.09 -17.66	145.81 1.78 -127.32	82.62 1.64 -65.14	141.33 -0.02 -141.82
HICKLING___1 23621	11.77 -0.06 -5.30	6.23 0.04 -7.80	9.04 -0.04 -6.27	14.67 -0.14 -3.96	25.07 -0.41 -0.04	25.08 -0.37 -0.09	30.79 -0.33 -6.89	39.98 -0.22 -18.15	26.74 -0.12 -16.45	22.09 -0.11 -12.22	48.35 -0.25 -16.68	30.37 -0.46 -10.67	44.92 -0.39 -22.07	32.08 -0.42 -7.19	36.96 -0.35 -14.96	76.78 -1.24 11.91	112.75 -1.49 20.78	259.42 -5.21 33.54	119.76 -2.38 17.57	101.70 -2.03 23.63	116.35 -1.70 6.87	42.28 -0.27 -25.86	27.42 -0.35 -11.94	35.29 0.02 -35.73
HICKLING___2 23622	11.77 -0.06 -5.30	6.23 0.04 -7.80	9.04 -0.04 -6.27	14.67 -0.14 -3.96	25.07 -0.41 -0.04	25.08 -0.37 -0.09	30.79 -0.33 -6.89	39.98 -0.22 -18.15	26.74 -0.12 -16.45	22.09 -0.11 -12.22	48.35 -0.25 -16.68	30.37 -0.46 -10.67	44.92 -0.39 -22.07	32.08 -0.42 -7.19	36.96 -0.35 -14.96	76.78 -1.24 11.91	112.75 -1.49 20.78	259.42 -5.21 33.54	119.76 -2.38 17.57	101.70 -2.03 23.63	116.35 -1.70 6.87	42.28 -0.27 -25.86	27.42 -0.35 -11.94	35.29 0.02 -35.73
HIGH FALLS___HY 23754	27.06 0.47 -20.06	27.78 -0.11 -29.50	26.75 0.19 -23.74	26.75 0.78 -15.11	27.55 1.96 -0.15	28.90 2.05 -1.50	52.56 2.13 -26.20	95.55 1.98 -71.51	85.32 0.96 -73.94	63.79 0.91 -52.90	101.78 2.73 -67.13	97.19 1.72 -75.31	132.59 2.02 -107.33	85.81 2.26 -58.24	110.91 2.02 -86.55	135.80 8.32 -37.55	202.59 12.90 -54.65	320.97 26.88 4.07	151.82 13.36 1.25	139.49 12.22 0.09	154.41 12.07 -17.42	144.06 1.54 -125.81	81.56 1.35 -64.37	139.67 -0.01 -140.14
HILLBURN___GT 23639	26.32 0.42 -19.36	26.76 -0.10 -28.47	25.90 0.17 -22.92	26.14 0.70 -14.59	27.36 1.77 -0.14	28.65 1.86 -1.45	51.42 1.90 -25.29	92.82 1.75 -69.02	82.65 0.86 -71.38	61.87 0.83 -51.06	99.36 2.64 -64.81	94.53 1.68 -72.69	128.84 2.00 -103.61	83.74 2.22 -56.22	107.42 1.93 -83.14	132.58 7.62 -35.04	199.29 11.50 -52.76	316.96 22.96 4.16	149.81 11.37 1.28	137.61 10.34 0.09	151.97 10.34 -16.71	139.48 1.36 -121.41	79.20 1.23 -62.13	134.78 -0.01 -135.25
HISHELDN_WT_PWR 323625	10.12 -0.45 -4.04	4.46 0.12 -5.95	7.38 -0.20 -4.77	13.02 -0.79 -2.95	23.56 -1.91 -0.03	23.01 -2.00 0.33	27.31 -2.06 -5.14	32.54 -1.78 -12.26	16.30 -0.86 -6.75	15.20 -0.76 -5.97	40.26 -2.26 -10.61	27.55 -1.77 -9.16	26.38 -1.97 -5.11	13.67 -2.15 9.48	17.39 -1.85 3.11	33.68 -7.62 48.63	44.19 -11.31 79.53	288.45 -26.33 -16.62	113.72 -12.16 13.84	58.09 -10.54 58.73	133.15 -11.00 -19.24	37.70 -1.46 -22.45	22.40 -1.39 -7.95	28.57 0.03 -29.00
HOLTSVILLE_IC_1 23690	27.62 0.79 -20.30	28.09 -0.16 -29.85	27.13 0.29 -24.03	27.32 1.17 -15.29	28.44 2.85 -0.15	29.73 2.86 -1.52	53.65 2.91 -26.51	105.12 2.61 -80.46	219.48 1.22 -207.85	64.57 1.05 -53.53	103.52 3.66 -67.95	98.73 2.35 -76.22	137.51 2.92 -111.36	113.78 3.18 -85.29	112.98 2.73 -87.91	139.84 10.98 -38.94	205.09 14.74 -55.32	324.03 29.92 4.06	154.72 16.25 1.24	141.71 14.44 0.09	156.40 13.82 -17.66	145.90 1.88 -127.32	82.75 1.77 -65.14	141.33 -0.02 -141.82



HOLTSVILLE_IC_10 23699	27.67 0.83 -20.30	28.08 -0.16 -29.85	27.15 0.31 -24.03	27.38 1.23 -15.29	28.54 2.96 -0.15	29.85 2.98 -1.52	53.78 3.04 -26.51	105.24 2.73 -80.46	219.52 1.26 -207.85	64.59 1.08 -53.53	103.65 3.79 -67.95	98.84 2.46 -76.22	137.64 3.05 -111.36	113.88 3.28 -85.29	113.06 2.81 -87.91	140.24 11.37 -38.94	206.00 15.66 -55.32	326.25 32.14 4.06	155.77 17.30 1.24	142.62 15.34 0.09	157.24 14.66 -17.66	146.02 2.00 -127.32	82.86 1.88 -65.14	141.33 -0.03 -141.82
HOLTSVILLE_IC_2 23691	27.62 0.79 -20.30	28.09 -0.16 -29.85	27.13 0.29 -24.03	27.32 1.17 -15.29	28.44 2.85 -0.15	29.73 2.86 -1.52	53.65 2.91 -26.51	105.12 2.61 -80.46	219.48 1.22 -207.85	64.57 1.05 -53.53	103.52 3.66 -67.95	98.73 2.35 -76.22	137.51 2.92 -111.36	113.78 3.18 -85.29	112.98 2.73 -87.91	139.84 10.98 -38.94	205.09 14.74 -55.32	324.03 29.92 4.06	154.72 16.25 1.24	141.71 14.44 0.09	156.40 13.82 -17.66	145.90 1.88 -127.32	82.75 1.77 -65.14	141.33 -0.02 -141.82
HOLTSVILLE_IC_3 23692	27.62 0.79 -20.30	28.09 -0.16 -29.85	27.13 0.29 -24.03	27.32 1.17 -15.29	28.44 2.85 -0.15	29.73 2.86 -1.52	53.65 2.91 -26.51	105.12 2.61 -80.46	219.48 1.22 -207.85	64.57 1.05 -53.53	103.52 3.66 -67.95	98.73 2.35 -76.22	137.51 2.92 -111.36	113.78 3.18 -85.29	112.98 2.73 -87.91	139.84 10.98 -38.94	205.09 14.74 -55.32	324.03 29.92 4.06	154.72 16.25 1.24	141.71 14.44 0.09	156.40 13.82 -17.66	145.90 1.88 -127.32	82.75 1.77 -65.14	141.33 -0.02 -141.82
HOLTSVILLE_IC_4 23693	27.62 0.79 -20.30	28.09 -0.16 -29.85	27.13 0.29 -24.03	27.32 1.17 -15.29	28.44 2.85 -0.15	29.73 2.86 -1.52	53.65 2.91 -26.51	105.12 2.61 -80.46	219.48 1.22 -207.85	64.57 1.05 -53.53	103.52 3.66 -67.95	98.73 2.35 -76.22	137.51 2.92 -111.36	113.78 3.18 -85.29	112.98 2.73 -87.91	139.84 10.98 -38.94	205.09 14.74 -55.32	324.03 29.92 4.06	154.72 16.25 1.24	141.71 14.44 0.09	156.40 13.82 -17.66	145.90 1.88 -127.32	82.75 1.77 -65.14	141.33 -0.02 -141.82
HOLTSVILLE_IC_5 23694	27.62 0.79 -20.30	28.09 -0.16 -29.85	27.13 0.29 -24.03	27.32 1.17 -15.29	28.44 2.85 -0.15	29.73 2.86 -1.52	53.65 2.91 -26.51	105.12 2.61 -80.46	219.48 1.22 -207.85	64.57 1.05 -53.53	103.52 3.66 -67.95	98.73 2.35 -76.22	137.51 2.92 -111.36	113.78 3.18 -85.29	112.98 2.73 -87.91	139.84 10.98 -38.94	205.09 14.74 -55.32	324.03 29.92 4.06	154.72 16.25 1.24	141.71 14.44 0.09	156.40 13.82 -17.66	145.90 1.88 -127.32	82.75 1.77 -65.14	141.33 -0.02 -141.82
HOLTSVILLE_IC_6 23695	27.67 0.83 -20.30	28.08 -0.16 -29.85	27.15 0.31 -24.03	27.38 1.23 -15.29	28.54 2.96 -0.15	29.85 2.98 -1.52	53.78 3.04 -26.51	105.24 2.73 -80.46	219.52 1.26 -207.85	64.59 1.08 -53.53	103.65 3.79 -67.95	98.84 2.46 -76.22	137.64 3.05 -111.36	113.88 3.28 -85.29	113.06 2.81 -87.91	140.24 11.37 -38.94	206.00 15.66 -55.32	326.25 32.14 4.06	155.77 17.30 1.24	142.62 15.34 0.09	157.24 14.66 -17.66	146.02 2.00 -127.32	82.86 1.88 -65.14	141.33 -0.03 -141.82
HOLTSVILLE_IC_7 23696	27.67 0.83 -20.30	28.08 -0.16 -29.85	27.15 0.31 -24.03	27.38 1.23 -15.29	28.54 2.96 -0.15	29.85 2.98 -1.52	53.78 3.04 -26.51	105.24 2.73 -80.46	219.52 1.26 -207.85	64.59 1.08 -53.53	103.65 3.79 -67.95	98.84 2.46 -76.22	137.64 3.05 -111.36	113.88 3.28 -85.29	113.06 2.81 -87.91	140.24 11.37 -38.94	206.00 15.66 -55.32	326.25 32.14 4.06	155.77 17.30 1.24	142.62 15.34 0.09	157.24 14.66 -17.66	146.02 2.00 -127.32	82.86 1.88 -65.14	141.33 -0.03 -141.82
HOLTSVILLE_IC_8 23697	27.67 0.83 -20.30	28.08 -0.16 -29.85	27.15 0.31 -24.03	27.38 1.23 -15.29	28.54 2.96 -0.15	29.85 2.98 -1.52	53.78 3.04 -26.51	105.24 2.73 -80.46	219.52 1.26 -207.85	64.59 1.08 -53.53	103.65 3.79 -67.95	98.84 2.46 -76.22	137.64 3.05 -111.36	113.88 3.28 -85.29	113.06 2.81 -87.91	140.24 11.37 -38.94	206.00 15.66 -55.32	326.25 32.14 4.06	155.77 17.30 1.24	142.62 15.34 0.09	157.24 14.66 -17.66	146.02 2.00 -127.32	82.86 1.88 -65.14	141.33 -0.03 -141.82
HOLTSVILLE_IC_9 23698	27.67 0.83 -20.30	28.08 -0.16 -29.85	27.15 0.31 -24.03	27.38 1.23 -15.29	28.54 2.96 -0.15	29.85 2.98 -1.52	53.78 3.04 -26.51	105.24 2.73 -80.46	219.52 1.26 -207.85	64.59 1.08 -53.53	103.65 3.79 -67.95	98.84 2.46 -76.22	137.64 3.05 -111.36	113.88 3.28 -85.29	113.06 2.81 -87.91	140.24 11.37 -38.94	206.00 15.66 -55.32	326.25 32.14 4.06	155.77 17.30 1.24	142.62 15.34 0.09	157.24 14.66 -17.66	146.02 2.00 -127.32	82.86 1.88 -65.14	141.33 -0.03 -141.82
HOWARD_WT_PWR 323690	10.74 -0.26 -4.47	5.04 0.08 -6.57	7.98 -0.12 -5.28	13.78 -0.40 -3.32	24.48 -0.99 -0.03	24.26 -1.08 0.01	28.99 -1.04 -5.80	36.18 -0.81 -14.94	22.48 -0.39 -12.46	19.14 -0.33 -9.49	44.39 -1.10 -13.57	26.67 -0.97 -7.47	37.99 -0.96 -15.72	26.52 -1.14 -2.36	30.40 -0.97 -9.03	66.02 -3.97 19.93	96.59 -5.04 33.41	288.38 -11.22 -1.43	125.08 -5.48 9.15	92.18 -5.30 29.88	128.34 -5.50 -8.93	39.00 -0.76 -23.05	24.48 -0.79 -9.43	31.04 0.01 -31.49
HQ_GEN_CEDARS 23644	6.35 -0.18 0.00	-1.57 0.04 0.00	2.74 -0.07 0.00	10.61 -0.25 0.00	24.96 -0.48 0.00	24.82 -0.52 0.00	23.56 -0.67 0.00	21.25 -0.80 0.00	9.90 -0.51 0.00	9.56 -0.42 0.00	30.83 -1.08 0.00	19.63 -0.53 0.00	22.70 -0.53 0.00	24.67 -0.64 0.00	21.75 -0.59 0.00	87.70 -2.22 0.00	131.79 -3.24 0.00	292.77 -5.39 0.00	136.55 -3.16 0.00	124.15 -3.22 0.00	122.07 -2.85 0.00	16.09 -0.61 0.00	15.50 -0.33 0.00	-0.47 -0.01 0.00
HQ_GEN_CEDARS_PROXY 323590	6.35 -0.18 0.00	-1.57 0.04 0.00	2.74 -0.07 0.00	10.61 -0.25 0.00	24.96 -0.48 0.00	24.82 -0.52 0.00	23.56 -0.67 0.00	21.25 -0.80 0.00	9.90 -0.51 0.00	9.56 -0.42 -5.82	30.83 -1.08 0.00	19.63 -0.53 0.00	22.70 -0.53 0.00	24.67 -0.64 0.00	21.75 -0.59 0.00	87.70 -2.22 0.00	131.79 -3.24 0.00	292.77 -5.39 0.00	136.55 -3.16 0.00	124.15 -3.22 0.00	122.07 -2.85 0.00	16.09 -0.61 0.00	15.50 -0.33 0.00	-0.47 -0.01 0.00
HQ_GEN_IMPORT 323601	6.37 -0.16 0.00	1.31 0.04 -2.88	5.63 -0.06 -2.88	12.76 -0.25 -2.14	24.93 -0.51 0.00	24.82 -0.53 0.00	23.65 -0.58 0.00	21.50 -0.55 0.00	10.13 -0.28 0.00	9.71 -0.27 0.00	31.03 -0.88 0.00	19.66 -0.50 0.00	22.68 -0.56 0.00	24.67 -0.63 0.00	21.79 -0.55 0.00	87.85 -2.08 0.00	131.93 -3.10 0.00	292.32 -5.84 0.00	125.54 -3.02 11.15	124.41 -2.95 0.00	122.12 -2.80 0.00	16.30 -0.41 0.00	15.46 -0.38 0.00	-0.46 0.00 0.00
HQ_GEN_WHEEL 23651	6.37 -0.16 0.00	1.31 0.04 -2.88	5.63 -0.06 -2.88	12.76 -0.25 -2.14	24.93 -0.51 0.00	24.82 -0.53 0.00	23.65 -0.58 0.00	21.50 -0.55 0.00	10.13 -0.28 0.00	9.71 -0.27 0.00	31.03 -0.88 0.00	19.66 -0.50 0.00	22.68 -0.56 0.00	24.67 -0.63 0.00	21.79 -0.55 0.00	87.85 -2.08 0.00	131.93 -3.10 0.00	292.32 -5.84 0.00	125.54 -3.02 11.15	124.41 -2.95 0.00	122.12 -2.80 0.00	16.30 -0.41 0.00	15.46 -0.38 0.00	-0.46 0.00 0.00
HUDSON_AVE_GT_3 23810	27.37 0.55 -20.29	28.11 -0.12 -29.84	27.05 0.22 -24.02	27.01 0.86 -15.29	27.67 2.08 -0.15	29.03 2.16 -1.52	52.95 2.22 -26.50	96.41 2.02 -72.34	86.22 0.99 -74.81	64.48 0.98 -53.52	103.14 3.30 -67.93	98.47 2.11 -76.20	134.31 2.48 -108.60	87.00 2.77 -58.93	112.65 2.42 -87.89	138.54 9.69 -38.93	204.53 14.20 -55.30	322.31 28.21 4.06	152.35 13.88 1.24	139.97 12.70 0.09	155.25 12.68 -17.66	145.71 1.71 -127.29	82.59 1.62 -65.13	141.31 -0.01 -141.79



HUDSON AVE_GT_4 23540	27.37 0.55 -20.29	28.11 -0.12 -29.84	27.05 0.22 -24.02	27.01 0.86 -15.29	27.67 2.08 -0.15	29.03 2.16 -1.52	52.95 2.22 -26.50	96.41 2.02 -72.34	86.22 0.99 -74.81	64.48 0.98 -53.52	103.14 3.30 -67.93	98.47 2.11 -76.20	134.31 2.48 -108.60	87.00 2.77 -58.93	112.65 2.42 -87.89	138.54 9.69 -38.93	204.53 14.20 -55.30	322.31 28.21 4.06	152.35 13.88 1.24	139.97 12.70 0.09	155.25 12.68 -17.66	145.71 1.71 -127.29	82.59 1.62 -65.13	141.31 -0.01 -141.79
HUDSON AVE_GT_5 23657	27.37 0.55 -20.29	28.11 -0.12 -29.84	27.05 0.22 -24.02	27.01 0.86 -15.29	27.67 2.08 -0.15	29.03 2.16 -1.52	52.95 2.22 -26.50	96.41 2.02 -72.34	86.22 0.99 -74.81	64.48 0.98 -53.52	103.14 3.30 -67.93	98.47 2.11 -76.20	134.31 2.48 -108.60	87.00 2.77 -58.93	112.65 2.42 -87.89	138.54 9.69 -38.93	204.53 14.20 -55.30	322.31 28.21 4.06	152.35 13.88 1.24	139.97 12.70 0.09	155.25 12.68 -17.66	145.71 1.71 -127.29	82.59 1.62 -65.13	141.31 -0.01 -141.79
HUDSON_AVE_10 24168	27.37 0.54 -20.29	28.11 -0.12 -29.84	27.05 0.22 -24.02	27.00 0.85 -15.29	27.62 2.03 -0.15	28.99 2.12 -1.52	52.92 2.18 -26.50	96.38 1.99 -72.34	86.20 0.98 -74.81	64.47 0.97 -53.52	102.98 3.14 -67.93	98.39 2.03 -76.20	134.17 2.34 -108.60	86.85 2.62 -58.93	112.52 2.29 -87.89	137.88 9.03 -38.93	203.54 13.20 -55.30	320.32 26.21 4.06	151.80 13.33 1.24	139.46 12.19 0.09	154.78 12.21 -17.66	145.66 1.66 -127.29	82.56 1.60 -65.13	141.32 -0.01 -141.79
HUNTER MOUNT___DRP 323613	29.29 0.56 -22.20	30.91 -0.13 -32.65	29.33 0.24 -26.28	28.51 0.92 -16.73	27.75 2.15 -0.16	29.20 2.19 -1.66	55.42 2.19 -29.00	103.22 2.01 -79.15	93.19 0.96 -81.82	69.42 0.90 -58.53	109.15 2.94 -74.29	105.27 1.77 -83.34	144.03 2.03 -118.77	91.98 2.23 -64.45	120.16 1.98 -95.83	139.73 8.09 -41.71	208.06 12.54 -60.48	321.85 27.47 3.78	151.66 13.11 1.16	139.03 11.75 0.08	156.40 11.88 -19.61	157.59 1.58 -139.31	88.62 1.51 -71.27	154.67 -0.03 -155.16
HUNTINGTON_RES_REC 323705	27.59 0.76 -20.30	28.09 -0.15 -29.85	27.12 0.28 -24.03	27.28 1.12 -15.29	28.33 2.74 -0.15	29.60 2.74 -1.52	53.51 2.77 -26.51	105.03 2.52 -80.46	219.47 1.21 -207.85	64.54 1.03 -53.53	103.43 3.57 -67.95	98.64 2.26 -76.22	137.39 2.80 -111.36	113.69 3.09 -85.29	112.89 2.63 -87.91	139.47 10.61 -38.94	204.86 14.51 -55.32	323.74 29.63 4.06	154.00 15.53 1.24	141.01 13.73 0.09	155.76 13.18 -17.66	145.82 1.79 -127.32	82.65 1.67 -65.14	141.33 -0.02 -141.82
HUNTLEY___63 23557	9.58 -0.45 -3.50	3.65 0.11 -5.15	6.72 -0.21 -4.12	12.50 -0.85 -2.49	23.42 -2.05 -0.03	22.21 -2.13 1.01	26.70 -2.07 -4.53	30.40 -1.79 -10.14	11.95 -0.86 -2.40	12.52 -0.74 -3.28	38.00 -2.21 -8.30	26.53 -1.75 -8.12	18.22 -1.98 3.03	4.87 -2.10 18.33	8.29 -1.82 12.24	12.01 -7.80 70.12	9.48 -11.80 113.76	17.80 -25.91 254.45	23.91 -11.66 104.15	29.97 -9.96 87.43	14.20 -10.58 100.14	14.81 -1.39 0.50	15.91 -1.35 -1.42	13.66 0.03 -14.09
HUNTLEY___64 23558	9.58 -0.45 -3.50	3.65 0.11 -5.15	6.72 -0.21 -4.12	12.50 -0.85 -2.49	23.42 -2.05 -0.03	22.21 -2.13 1.01	26.70 -2.07 -4.53	30.40 -1.79 -10.14	11.95 -0.86 -2.40	12.52 -0.74 -3.28	38.00 -2.21 -8.30	26.53 -1.75 -8.12	18.22 -1.98 3.03	4.87 -2.10 18.33	8.29 -1.82 12.24	12.01 -7.80 70.12	9.48 -11.80 113.76	17.80 -25.91 254.45	23.91 -11.66 104.15	29.97 -9.96 87.43	14.20 -10.58 100.14	14.81 -1.39 0.50	15.91 -1.35 -1.42	13.66 0.03 -14.09
HUNTLEY___65 23559	9.58 -0.45 -3.50	3.65 0.11 -5.15	6.72 -0.21 -4.12	12.50 -0.85 -2.49	23.42 -2.05 -0.03	22.21 -2.13 1.01	26.70 -2.07 -4.53	30.40 -1.79 -10.14	11.95 -0.86 -2.40	12.52 -0.74 -3.28	38.00 -2.21 -8.30	26.53 -1.75 -8.12	18.22 -1.98 3.03	4.87 -2.10 18.33	8.29 -1.82 12.24	12.01 -7.80 70.12	9.48 -11.80 113.76	17.80 -25.91 254.45	23.91 -11.66 104.15	29.97 -9.96 87.43	14.20 -10.58 100.14	14.81 -1.39 0.50	15.91 -1.35 -1.42	13.66 0.03 -14.09
HUNTLEY___66 23560	9.58 -0.45 -3.50	3.65 0.11 -5.15	6.72 -0.21 -4.12	12.50 -0.85 -2.49	23.42 -2.05 -0.03	22.21 -2.13 1.01	26.70 -2.07 -4.53	30.40 -1.79 -10.14	11.95 -0.86 -2.40	12.52 -0.74 -3.28	38.00 -2.21 -8.30	26.53 -1.75 -8.12	18.22 -1.98 3.03	4.87 -2.10 18.33	8.29 -1.82 12.24	12.01 -7.80 70.12	9.48 -11.80 113.76	17.80 -25.91 254.45	23.91 -11.66 104.15	29.97 -9.96 87.43	14.20 -10.58 100.14	14.81 -1.39 0.50	15.91 -1.35 -1.42	13.66 0.03 -14.09
HUNTLEY___67 23561	9.66 -0.47 -3.60	3.80 0.11 -5.30	6.83 -0.22 -4.24	12.55 -0.90 -2.59	23.31 -2.16 -0.03	22.27 -2.28 0.80	26.67 -2.20 -4.64	30.87 -1.92 -10.74	13.49 -0.94 -4.02	13.40 -0.82 -4.24	38.47 -2.44 -9.00	26.80 -1.89 -8.53	21.39 -2.16 -0.32	8.46 -2.34 14.51	11.89 -2.00 8.45	21.50 -8.47 59.96	24.30 -12.86 97.87	21.52 -28.65 248.00	28.81 -12.82 98.08	41.22 -10.96 75.18	14.91 -11.62 98.38	15.93 -1.51 -0.75	16.74 -1.46 -2.36	14.38 0.03 -14.81
HUNTLEY___68 23562	9.66 -0.47 -3.60	3.80 0.11 -5.30	6.83 -0.22 -4.24	12.55 -0.90 -2.59	23.31 -2.16 -0.03	22.27 -2.28 0.80	26.67 -2.20 -4.64	30.87 -1.92 -10.74	13.49 -0.94 -4.02	13.40 -0.82 -4.24	38.47 -2.44 -9.00	26.80 -1.89 -8.53	21.39 -2.16 -0.32	8.46 -2.34 14.51	11.89 -2.00 8.45	21.50 -8.47 59.96	24.30 -12.86 97.87	21.52 -28.65 248.00	28.81 -12.82 98.08	41.22 -10.96 75.18	14.91 -11.62 98.38	15.93 -1.51 -0.75	16.74 -1.46 -2.36	14.38 0.03 -14.81
HYLAND___LFGE 323620	10.31 0.12 -3.66	3.74 -0.02 -5.38	7.18 0.04 -4.33	13.75 0.15 -2.74	25.80 0.32 -0.03	25.96 0.44 -0.17	29.65 0.67 -4.75	35.53 0.86 -12.62	22.74 0.38 -11.95	19.15 0.41 -8.76	45.02 1.42 -11.68	29.45 0.55 -8.74	40.40 0.69 -16.48	32.67 0.71 -6.66	34.40 0.11 -11.94	84.46 -1.88 3.59	122.10 -6.06 6.87	297.09 -13.51 -12.44	133.94 -6.09 -0.32	111.46 -5.26 10.64	130.51 -4.98 -10.57	38.29 0.39 -21.20	25.74 0.37 -9.53	25.65 -0.01 -26.12
INDECK___CORINTH 23802	36.05 0.55 -28.96	40.84 -0.14 -42.58	37.32 0.23 -34.28	33.60 0.91 -21.82	27.83 2.18 -0.21	29.88 2.37 -2.17	64.60 2.55 -37.82	127.67 2.39 -103.22	117.95 1.13 -106.41	87.15 1.05 -76.12	131.87 3.34 -96.61	130.62 2.09 -108.38	180.09 2.39 -154.46	111.69 2.57 -83.81	149.30 2.34 -124.62	153.88 9.71 -54.24	229.17 15.46 -78.68	329.55 34.20 2.82	154.28 15.42 0.86	141.76 14.47 0.06	165.35 13.98 -26.45	200.22 1.74 -181.78	110.41 1.55 -93.02	202.02 -0.05 -202.53
INDECK___ILION 23567	6.17 0.13 0.48	-2.36 -0.04 0.71	2.29 0.05 0.57	10.72 0.23 0.36	26.02 0.59 0.00	25.92 0.61 0.04	24.27 0.67 0.63	20.96 0.62 1.72	8.97 0.29 1.73	9.02 0.27 1.24	31.14 0.79 1.57	18.91 0.51 1.76	21.35 0.63 2.51	24.62 0.67 1.36	20.92 0.60 2.02	91.48 2.44 0.88	137.56 3.75 1.22	306.37 8.20 0.00	143.84 4.13 0.00	131.11 3.75 0.00	128.02 3.54 0.43	14.27 0.45 2.89	14.73 0.39 1.49	-3.71 -0.01 3.24
INDECK___OLEAN 23982	10.41 -0.26 -4.13	4.55 0.08 -6.08	7.55 -0.14 -4.88	13.35 -0.52 -3.01	24.25 -1.22 -0.03	23.56 -1.21 0.58	28.32 -1.24 -5.32	34.00 -1.04 -12.99	17.58 -0.57 -7.74	16.14 -0.49 -6.65	41.71 -1.55 -11.34	28.53 -1.36 -9.73	28.57 -1.39 -6.73	15.69 -1.54 8.07	19.56 -1.27 1.51	37.98 -5.84 46.11	50.35 -9.26 75.42	55.71 -24.03 218.43	43.43 -11.10 85.18	55.92 -9.40 62.04	29.46 -8.88 86.58	21.34 -1.30 -5.94	19.39 -1.29 -4.85	19.11 0.00 -19.58



INDECK___OSWEGO 23783	7.98 -0.11 -1.56	0.71 0.03 -2.29	4.60 -0.05 -1.84	11.81 -0.23 -1.17	24.85 -0.61 -0.01	24.88 -0.59 -0.12	25.77 -0.50 -2.04	27.16 -0.45 -5.56	15.97 -0.20 -5.76	13.92 -0.18 -4.12	36.53 -0.61 -5.23	25.62 -0.41 -5.86	31.08 -0.51 -8.36	29.29 -0.55 -4.53	28.58 -0.50 -6.74	90.74 -2.11 -2.93	136.20 -3.09 -4.25	291.35 -6.81 0.00	136.63 -3.09 0.00	124.55 -2.81 0.00	123.47 -2.94 -1.50	26.15 -0.36 -9.81	20.51 -0.34 -5.01	10.46 0.01 -10.91
INDECK___YERKES 23781	9.58 -0.44 -3.50	3.64 0.10 -5.15	6.72 -0.20 -4.12	12.51 -0.84 -2.49	23.45 -2.02 -0.03	22.24 -2.10 1.01	26.73 -2.04 -4.53	30.43 -1.77 -10.14	11.96 -0.85 -2.40	12.53 -0.73 -3.28	38.05 -2.17 -8.30	26.56 -1.72 -8.12	18.25 -1.95 3.03	4.90 -2.07 18.33	8.31 -1.79 12.24	12.11 -7.70 70.12	9.67 -11.61 113.76	18.16 -25.56 254.45	24.06 -11.51 104.15	30.10 -9.83 87.43	14.34 -10.44 100.14	14.82 -1.38 0.50	15.92 -1.33 -1.42	13.66 0.03 -14.09
INDIAN POINT_GT_1 24139	27.10 0.48 -20.09	27.83 -0.11 -29.54	26.79 0.19 -23.78	26.76 0.76 -15.14	27.46 1.87 -0.15	28.80 1.95 -1.50	52.47 1.99 -26.24	95.50 1.83 -71.62	85.37 0.89 -74.07	63.83 0.86 -52.99	102.00 2.83 -67.25	97.39 1.79 -75.44	132.86 2.11 -107.52	85.99 2.34 -58.34	111.45 2.05 -87.06	136.68 8.08 -38.68	201.81 12.03 -54.75	318.23 24.14 4.08	150.37 11.91 1.25	138.12 10.84 0.09	153.18 10.82 -17.45	144.17 1.45 -126.01	81.66 1.35 -64.48	139.89 -0.01 -140.36
INDIAN POINT_GT_2 23659	27.10 0.48 -20.09	27.83 -0.11 -29.54	26.79 0.19 -23.78	26.76 0.76 -15.14	27.46 1.87 -0.15	28.80 1.95 -1.50	52.47 1.99 -26.24	95.50 1.83 -71.62	85.37 0.89 -74.07	63.83 0.86 -52.99	102.00 2.83 -67.25	97.39 1.79 -75.44	132.86 2.11 -107.52	85.99 2.34 -58.34	111.45 2.05 -87.06	136.68 8.08 -38.68	201.81 12.03 -54.75	318.23 24.14 4.08	150.37 11.91 1.25	138.12 10.84 0.09	153.18 10.82 -17.45	144.17 1.45 -126.01	81.66 1.35 -64.48	139.89 -0.01 -140.36
INDIAN POINT_GT_3 24019	27.10 0.48 -20.09	27.83 -0.11 -29.54	26.79 0.19 -23.78	26.76 0.76 -15.14	27.46 1.87 -0.15	28.80 1.95 -1.50	52.47 1.99 -26.24	95.50 1.83 -71.62	85.37 0.89 -74.07	63.83 0.86 -52.99	102.00 2.83 -67.25	97.39 1.79 -75.44	132.86 2.11 -107.52	85.99 2.34 -58.34	111.45 2.05 -87.06	136.68 8.08 -38.68	201.81 12.03 -54.75	318.23 24.14 4.08	150.37 11.91 1.25	138.12 10.84 0.09	153.18 10.82 -17.45	144.17 1.45 -126.01	81.66 1.35 -64.48	139.89 -0.01 -140.36
INDIAN POINT___2 23530	26.83 0.47 -19.84	27.46 -0.10 -29.16	26.47 0.18 -23.48	26.55 0.74 -14.95	27.39 1.81 -0.14	28.71 1.88 -1.49	52.06 1.93 -25.90	94.52 1.76 -70.71	84.39 0.86 -73.12	63.13 0.84 -52.31	101.05 2.74 -66.39	96.37 1.73 -74.47	131.42 2.05 -106.14	85.18 2.28 -57.59	110.19 1.98 -85.86	135.68 7.81 -37.95	200.75 11.66 -54.05	317.32 23.26 4.11	149.95 11.50 1.26	137.75 10.48 0.09	152.57 10.47 -17.19	142.50 1.40 -124.39	80.80 1.31 -63.65	138.08 -0.01 -138.56
INDIAN POINT___3 23531	27.10 0.47 -20.10	27.85 -0.10 -29.56	26.79 0.19 -23.79	26.75 0.75 -15.15	27.41 1.82 -0.15	28.75 1.90 -1.50	52.42 1.94 -26.25	95.48 1.77 -71.66	85.38 0.87 -74.10	63.83 0.84 -53.01	101.96 2.76 -67.28	97.38 1.75 -75.47	132.85 2.06 -107.57	85.96 2.29 -58.36	111.55 1.99 -87.21	136.81 7.87 -39.01	201.51 11.70 -54.77	317.48 23.40 4.08	150.02 11.56 1.25	137.83 10.56 0.09	152.89 10.51 -17.46	144.19 1.42 -126.07	81.66 1.32 -64.50	139.95 -0.01 -140.42
IP CORINTH___1 23988	36.05 0.55 -28.96	40.84 -0.14 -42.58	37.32 0.23 -34.28	33.60 0.91 -21.82	27.83 2.18 -0.21	29.88 2.37 -2.17	64.60 2.55 -37.82	127.67 2.39 -103.22	117.95 1.13 -106.41	87.15 1.05 -76.12	131.87 3.34 -96.61	130.62 2.09 -108.38	180.09 2.39 -154.46	111.69 2.57 -83.81	149.30 2.34 -124.62	153.88 9.71 -54.24	229.17 15.46 -78.68	329.55 34.20 2.82	154.28 15.42 0.86	141.76 14.47 0.06	165.35 13.98 -26.45	200.22 1.74 -181.78	110.41 1.55 -93.02	202.02 -0.05 -202.53
IP___TICONDEROGA 23804	36.20 0.77 -28.91	40.70 -0.20 -42.51	37.35 0.32 -34.22	33.89 1.25 -21.78	28.77 3.12 -0.21	31.21 3.70 -2.17	66.02 4.04 -37.75	128.91 3.83 -103.03	118.42 1.77 -106.24	87.61 1.63 -76.00	133.44 5.06 -96.46	131.52 3.15 -108.20	181.15 3.71 -154.21	112.95 3.97 -83.68	150.40 3.63 -124.43	159.68 15.59 -54.16	238.73 25.14 -78.55	351.44 56.10 2.82	163.81 24.96 0.86	150.72 23.43 0.06	173.98 22.66 -26.41	200.96 2.80 -181.45	111.01 2.32 -92.85	201.61 -0.09 -202.16
ISLIP_RES_REC 323679	27.70 0.87 -20.30	28.07 -0.17 -29.85	27.16 0.32 -24.03	27.43 1.27 -15.29	28.65 3.06 -0.15	29.96 3.10 -1.52	53.90 3.16 -26.51	105.37 2.86 -80.46	219.58 1.32 -207.85	64.65 1.14 -53.53	103.85 3.99 -67.95	98.95 2.57 -76.22	137.76 3.17 -111.36	114.02 3.42 -85.29	113.20 2.94 -87.91	140.83 11.97 -38.94	206.93 16.58 -55.32	328.32 34.21 4.06	156.77 18.30 1.24	143.47 16.20 0.09	158.06 15.49 -17.66	146.13 2.10 -127.32	82.95 1.97 -65.14	141.33 -0.02 -141.82
JARVIS____ 23743	6.10 0.05 0.48	-2.33 -0.01 0.71	2.26 0.02 0.57	10.58 0.09 0.36	25.64 0.20 0.00	25.51 0.20 0.04	23.82 0.22 0.63	20.53 0.20 1.72	8.78 0.09 1.73	8.84 0.09 1.24	30.62 0.27 1.57	18.57 0.17 1.76	20.93 0.21 2.51	24.18 0.24 1.36	20.54 0.22 2.02	89.83 0.79 0.88	134.97 1.16 1.22	300.52 2.36 0.00	140.85 1.14 0.00	128.49 1.12 0.00	125.50 1.02 0.43	13.95 0.14 2.89	14.48 0.13 1.49	-3.71 0.00 3.24
JENNISON___1 23625	14.04 0.32 -7.19	8.89 -0.07 -10.57	11.45 0.13 -8.51	16.78 0.52 -5.40	26.77 1.28 -0.05	27.16 1.41 -0.40	35.12 1.51 -9.38	48.86 1.49 -25.32	36.31 0.71 -25.19	28.86 0.67 -18.21	57.56 2.04 -23.60	49.65 1.15 -28.34	60.42 1.38 -35.81	44.24 1.50 -17.43	51.36 1.33 -27.68	99.72 5.49 -4.30	148.91 9.02 -4.86	297.32 19.64 20.49	139.64 9.25 9.32	125.81 8.46 10.01	132.19 8.29 1.01	61.95 1.03 -44.21	39.47 0.83 -22.81	48.97 -0.03 -49.46
JENNISON___2 23626	14.04 0.32 -7.19	8.89 -0.07 -10.57	11.45 0.13 -8.51	16.78 0.52 -5.40	26.77 1.28 -0.05	27.16 1.41 -0.40	35.12 1.51 -9.38	48.86 1.49 -25.32	36.31 0.71 -25.19	28.86 0.67 -18.21	57.56 2.04 -23.60	49.65 1.15 -28.34	60.42 1.38 -35.81	44.24 1.50 -17.43	51.36 1.33 -27.68	99.72 5.49 -4.30	148.91 9.02 -4.86	297.32 19.64 20.49	139.64 9.25 9.32	125.81 8.46 10.01	132.19 8.29 1.01	61.95 1.03 -44.21	39.47 0.83 -22.81	48.97 -0.03 -49.46
JERICHO_RISE_WT_PWR 323719	6.19 -0.34 0.00	-1.53 0.08 0.00	2.69 -0.12 0.00	10.42 -0.44 0.00	24.81 -0.64 0.00	24.98 -0.37 0.00	23.86 -0.38 0.00	21.81 -0.24 0.00	10.25 -0.16 0.00	9.62 -0.37 0.00	30.50 -1.42 0.00	19.26 -0.90 0.00	22.35 -0.88 0.00	24.23 -1.08 0.00	21.40 -0.94 0.00	87.85 -2.07 0.00	132.96 -2.07 0.00	295.55 -2.62 0.00	137.13 -2.59 0.00	123.99 -3.37 0.00	123.27 -1.65 0.00	16.46 -0.25 0.00	15.59 -0.25 0.00	-0.51 -0.04 0.00
KCE_NY_1 323755	35.91 0.55 -28.83	40.65 -0.14 -42.40	37.18 0.24 -34.13	33.51 0.92 -21.73	27.84 2.19 -0.21	29.84 2.33 -2.16	64.27 2.38 -37.66	127.02 2.20 -102.77	117.45 1.04 -106.00	86.78 0.97 -75.83	131.28 3.13 -96.24	130.07 1.94 -107.96	179.31 2.21 -153.87	111.18 2.38 -83.49	148.66 2.17 -124.15	152.82 8.86 -54.04	227.28 13.87 -78.38	325.73 30.38 2.82	152.86 14.02 0.86	140.10 12.80 0.06	163.94 12.68 -26.34	199.32 1.62 -181.00	109.91 1.47 -92.61	201.13 -0.04 -201.64



KEDC PORT_JEFF_GT2 24210	27.64 0.81 -20.30	28.08 -0.15 -29.85	27.14 0.30 -24.03	27.34 1.18 -15.29	28.45 2.86 -0.15	29.74 2.87 -1.52	53.65 2.91 -26.51	105.12 2.61 -80.46	219.47 1.21 -207.85	64.55 1.03 -53.53	103.53 3.66 -67.95	98.75 2.37 -76.22	137.56 2.97 -111.36	113.84 3.24 -85.29	113.04 2.78 -87.91	140.00 11.13 -38.94	205.27 14.92 -55.32	324.44 30.33 4.06	154.81 16.34 1.24	141.76 14.49 0.09	156.44 13.86 -17.66	145.90 1.88 -127.32	82.77 1.79 -65.14	141.33 -0.02 -141.82
KEDC PORT_JEFF_GT3 24211	27.64 0.81 -20.30	28.08 -0.15 -29.85	27.14 0.30 -24.03	27.34 1.18 -15.29	28.45 2.86 -0.15	29.74 2.87 -1.52	53.65 2.91 -26.51	105.12 2.61 -80.46	219.47 1.21 -207.85	64.55 1.03 -53.53	103.53 3.66 -67.95	98.75 2.37 -76.22	137.56 2.97 -111.36	113.84 3.24 -85.29	113.04 2.78 -87.91	140.00 11.13 -38.94	205.27 14.92 -55.32	324.44 30.33 4.06	154.81 16.34 1.24	141.76 14.49 0.09	156.44 13.86 -17.66	145.90 1.88 -127.32	82.77 1.79 -65.14	141.33 -0.02 -141.82
KEDC_GLWD_GT4 24219	27.46 0.64 -20.30	28.11 -0.14 -29.85	27.09 0.24 -24.03	27.13 0.98 -15.29	28.00 2.41 -0.15	29.34 2.47 -1.52	53.27 2.53 -26.51	104.82 2.31 -80.46	219.38 1.12 -207.85	64.56 1.04 -53.53	103.40 3.54 -67.95	98.62 2.23 -76.22	137.28 2.69 -111.36	113.58 2.98 -85.29	112.83 2.57 -87.91	139.15 10.29 -38.94	205.24 14.90 -55.32	324.51 30.41 4.06	153.61 15.14 1.24	140.90 13.62 0.09	155.92 13.34 -17.66	145.82 1.79 -127.32	82.63 1.65 -65.14	141.33 -0.02 -141.82
KEDC_GLWD_GT5 24220	27.46 0.64 -20.30	28.11 -0.14 -29.85	27.09 0.24 -24.03	27.13 0.98 -15.29	28.00 2.41 -0.15	29.34 2.47 -1.52	53.27 2.53 -26.51	104.82 2.31 -80.46	219.38 1.12 -207.85	64.56 1.04 -53.53	103.40 3.54 -67.95	98.62 2.23 -76.22	137.28 2.69 -111.36	113.58 2.98 -85.29	112.83 2.57 -87.91	139.15 10.29 -38.94	205.24 14.90 -55.32	324.51 30.41 4.06	153.61 15.14 1.24	140.90 13.62 0.09	155.92 13.34 -17.66	145.82 1.79 -127.32	82.63 1.65 -65.14	141.33 -0.02 -141.82
KENSICO____ 23655	27.29 0.51 -20.25	28.06 -0.11 -29.78	26.98 0.20 -23.97	26.92 0.81 -15.26	27.56 1.96 -0.15	28.90 2.04 -1.52	52.77 2.09 -26.45	96.16 1.91 -72.19	86.00 0.94 -74.66	64.30 0.90 -53.41	102.69 2.99 -67.78	98.10 1.90 -76.04	133.84 2.24 -108.37	86.60 2.49 -58.80	112.23 2.17 -87.72	137.37 8.54 -38.90	202.88 12.66 -55.18	319.58 25.48 4.06	151.03 12.56 1.24	138.76 11.49 0.09	153.90 11.37 -17.61	145.25 1.53 -127.02	82.25 1.43 -64.99	141.00 -0.01 -141.88
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	26.11 0.49 -19.09	26.35 -0.11 -28.07	25.61 0.20 -22.60	26.05 0.80 -14.39	27.60 2.01 -0.14	28.89 2.11 -1.43	51.35 2.18 -24.93	92.15 2.04 -68.06	81.78 0.99 -70.38	61.25 0.92 -50.35	98.61 2.80 -63.90	93.61 1.76 -71.68	127.47 2.08 -102.16	83.06 2.32 -55.43	106.77 2.08 -82.35	134.07 8.50 -35.65	200.31 13.26 -52.02	321.73 27.75 4.19	152.17 13.74 1.28	139.76 12.50 0.09	153.80 12.43 -16.45	138.02 1.59 -119.72	78.50 1.40 -61.27	132.89 -0.01 -133.37
KIAC_JFK_GT1 23816	27.37 0.55 -20.29	28.11 -0.12 -29.84	27.06 0.22 -24.02	27.00 0.85 -15.29	27.61 2.02 -0.15	29.00 2.13 -1.52	52.92 2.18 -26.50	96.38 1.99 -72.34	86.21 0.98 -74.81	64.47 0.97 -53.52	102.85 3.01 -67.93	98.31 1.95 -76.20	134.01 2.18 -108.60	86.70 2.47 -58.93	112.37 2.14 -87.89	137.07 8.22 -38.93	202.33 12.00 -55.30	318.09 23.99 4.06	151.31 12.83 1.24	139.05 11.78 0.09	154.42 11.84 -17.66	145.63 1.64 -127.29	82.56 1.60 -65.13	141.31 -0.01 -141.79
KIAC_JFK_GT2 23817	27.37 0.55 -20.29	28.11 -0.12 -29.84	27.06 0.22 -24.02	27.00 0.85 -15.29	27.61 2.02 -0.15	29.00 2.13 -1.52	52.92 2.18 -26.50	96.38 1.99 -72.34	86.21 0.98 -74.81	64.47 0.97 -53.52	102.85 3.01 -67.93	98.31 1.95 -76.20	134.01 2.18 -108.60	86.70 2.47 -58.93	112.37 2.14 -87.89	137.07 8.22 -38.93	202.33 12.00 -55.30	318.09 23.99 4.06	151.31 12.83 1.24	139.05 11.78 0.09	154.42 11.84 -17.66	145.63 1.64 -127.29	82.56 1.60 -65.13	141.31 -0.01 -141.79
KINTIGH____ 23543	9.34 -0.54 -3.35	3.45 0.12 -4.93	6.51 -0.25 -3.95	12.24 -1.01 -2.40	23.04 -2.43 -0.02	21.84 -2.57 0.93	26.15 -2.45 -4.37	29.83 -2.17 -9.95	12.46 -1.06 -3.11	12.66 -0.94 -3.62	37.38 -2.80 -8.26	26.21 -2.10 -8.14	19.83 -2.43 0.96	7.14 -2.65 15.52	10.34 -2.28 9.72	19.13 -9.61 61.18	20.28 -14.64 100.11	14.12 -32.32 251.72	26.33 -14.44 98.94	67.82 -7.80 51.74	6.77 -4.72 113.42	12.48 -1.23 2.99	16.00 -1.60 -1.77	12.82 0.04 -13.24
LACHUTE____HYDRO 323717	36.20 0.77 -28.91	40.70 -0.20 -42.51	37.35 0.32 -34.22	33.89 1.25 -21.78	28.77 3.12 -0.21	31.21 3.70 -2.17	66.02 4.04 -37.75	128.91 3.83 -103.03	118.42 1.77 -106.24	87.61 1.63 -76.00	133.44 5.06 -96.46	131.52 3.15 -108.20	181.15 3.71 -154.21	112.95 3.97 -83.68	150.40 3.63 -124.43	159.68 15.59 -54.16	238.73 25.14 -78.55	351.44 56.10 2.82	163.81 24.96 0.86	150.72 23.43 0.06	173.98 22.66 -26.41	200.96 2.80 -181.45	111.01 2.32 -92.85	201.61 -0.09 -202.16
LEDERLE____ 23769	26.55 0.46 -19.55	27.04 -0.10 -28.75	26.14 0.19 -23.15	26.33 0.74 -14.73	27.42 1.83 -0.14	28.72 1.91 -1.46	51.73 1.96 -25.53	93.56 1.80 -69.70	83.38 0.88 -72.08	62.40 0.85 -51.57	100.15 2.78 -65.45	95.34 1.76 -73.42	129.94 2.07 -104.64	84.39 2.31 -56.78	108.26 2.00 -83.91	133.05 7.89 -35.23	200.18 11.86 -53.28	317.87 23.85 4.14	150.23 11.79 1.27	137.99 10.72 0.09	152.52 10.70 -16.91	140.76 1.43 -122.62	79.90 1.32 -62.75	136.12 -0.01 -136.59
LINDEN COGEN____ 23786	27.33 0.50 -20.29	28.12 -0.11 -29.84	27.03 0.20 -24.02	26.94 0.79 -15.29	27.52 1.93 -0.15	28.86 2.00 -1.52	52.79 2.06 -26.50	96.24 1.85 -72.34	86.14 0.91 -74.81	64.41 0.90 -53.52	102.85 3.01 -67.93	98.30 1.94 -76.20	134.13 2.30 -108.60	86.82 2.59 -58.93	112.48 2.25 -87.89	137.88 9.03 -38.93	203.59 13.26 -55.30	320.24 26.13 4.06	151.29 12.81 1.24	138.95 11.68 0.09	154.27 11.69 -17.66	145.57 1.57 -127.29	82.47 1.50 -65.13	141.31 -0.01 -141.79
LIPA_MISC_IPP 23656	27.65 0.83 -20.30	28.08 -0.16 -29.85	27.14 0.30 -24.03	27.37 1.21 -15.29	28.53 2.94 -0.15	29.84 2.98 -1.52	53.78 3.03 -26.51	105.23 2.72 -80.46	219.52 1.26 -207.85	64.60 1.08 -53.53	103.64 3.78 -67.95	98.80 2.42 -76.22	137.59 2.99 -111.36	113.88 3.28 -85.29	113.08 2.83 -87.91	140.25 11.38 -38.94	205.64 15.29 -55.32	325.14 31.03 4.06	155.71 17.24 1.24	142.61 15.34 0.09	157.23 14.65 -17.66	146.02 1.99 -127.32	82.85 1.87 -65.14	141.33 -0.02 -141.82
LISF____SOLAR 323691	27.67 0.83 -20.30	28.08 -0.16 -29.85	27.15 0.31 -24.03	27.38 1.23 -15.29	28.58 2.99 -0.15	29.89 3.02 -1.52	53.82 3.08 -26.51	105.27 2.76 -80.46	219.53 1.27 -207.85	64.61 1.10 -53.53	103.66 3.80 -67.95	98.81 2.44 -76.22	137.61 3.02 -111.36	113.90 3.30 -85.29	113.11 2.86 -87.91	140.44 11.58 -38.94	205.94 15.60 -55.32	325.89 31.78 4.06	156.07 17.60 1.24	142.91 15.63 0.09	157.54 14.96 -17.66	146.05 2.02 -127.32	82.88 1.90 -65.14	141.33 -0.02 -141.82
LITTLE FALLS____HYD 24013	6.25 0.20 0.48	-2.38 -0.06 0.71	2.33 0.09 0.57	10.87 0.38 0.36	26.44 1.00 0.00	26.37 1.06 0.04	24.76 1.15 0.63	21.40 1.07 1.72	9.18 0.49 1.73	9.21 0.46 1.24	31.71 1.36 1.57	19.27 0.86 1.76	21.80 1.08 2.51	25.10 1.16 1.36	21.34 1.01 2.02	93.16 4.11 0.88	140.22 6.42 1.22	312.33 14.17 0.00	146.95 7.24 0.00	133.85 6.49 0.00	130.62 6.14 0.43	14.61 0.80 2.89	15.02 0.68 1.49	-3.72 -0.01 3.24



LI_NEWBRDGE___DRP 323616	27.49 0.66 -20.30	28.11 -0.13 -29.85	27.09 0.25 -24.03	27.15 1.00 -15.29	28.07 2.48 -0.15	29.36 2.50 -1.52	53.30 2.56 -26.51	104.82 2.31 -80.46	219.38 1.12 -207.85	64.51 0.99 -53.53	103.27 3.40 -67.95	98.53 2.15 -76.22	137.24 2.64 -111.36	113.52 2.92 -85.29	112.76 2.50 -87.91	138.90 10.03 -38.94	204.37 14.02 -55.32	322.69 28.59 4.06	153.08 14.61 1.24	140.27 13.00 0.09	155.22 12.64 -17.66	145.74 1.72 -127.32	82.57 1.59 -65.14	141.34 -0.02 -141.82
LOCKPORT___CC1 323769	9.35 -0.50 -3.32	3.40 0.12 -4.89	6.48 -0.23 -3.90	12.21 -0.97 -2.32	23.10 -2.37 -0.02	21.84 -2.27 1.24	26.32 -2.27 -4.36	29.37 -1.95 -9.27	9.65 -0.91 -0.14	11.11 -0.80 -1.93	36.74 -2.46 -7.28	25.78 -1.87 -7.49	13.54 -2.11 7.58	-0.51 -2.30 23.52	2.98 -1.95 17.42	-1.94 -8.26 83.61	-12.57 -12.60 135.00	4.14 -27.48 266.55	14.43 -12.28 113.01	13.72 -10.48 103.16	9.62 -11.28 104.01	12.68 -1.48 2.54	14.47 -1.42 -0.05	12.37 0.04 -12.80
LOCKPORT___CC2 323770	9.35 -0.50 -3.32	3.40 0.12 -4.89	6.48 -0.23 -3.90	12.21 -0.97 -2.32	23.10 -2.37 -0.02	21.84 -2.27 1.24	26.32 -2.27 -4.36	29.37 -1.95 -9.27	9.65 -0.91 -0.14	11.11 -0.80 -1.93	36.74 -2.46 -7.28	25.78 -1.87 -7.49	13.54 -2.11 7.58	-0.51 -2.30 23.52	2.98 -1.95 17.42	-1.94 -8.26 83.61	-12.57 -12.60 135.00	4.14 -27.48 266.55	14.43 -12.28 113.01	13.72 -10.48 103.16	9.62 -11.28 104.01	12.68 -1.48 2.54	14.47 -1.42 -0.05	12.37 0.04 -12.80
LOCKPORT___CC3 323771	9.35 -0.50 -3.32	3.40 0.12 -4.89	6.48 -0.23 -3.90	12.21 -0.97 -2.32	23.10 -2.37 -0.02	21.84 -2.27 1.24	26.32 -2.27 -4.36	29.37 -1.95 -9.27	9.65 -0.91 -0.14	11.11 -0.80 -1.93	36.74 -2.46 -7.28	25.78 -1.87 -7.49	13.54 -2.11 7.58	-0.51 -2.30 23.52	2.98 -1.95 17.42	-1.94 -8.26 83.61	-12.57 -12.60 135.00	4.14 -27.48 266.55	14.43 -12.28 113.01	13.72 -10.48 103.16	9.62 -11.28 104.01	12.68 -1.48 2.54	14.47 -1.42 -0.05	12.37 0.04 -12.80
LONG_LAKE_PHOENIX 24014	8.07 -0.08 -1.62	0.79 0.02 -2.38	4.69 -0.04 -1.91	11.91 -0.17 -1.22	25.00 -0.45 -0.01	25.03 -0.44 -0.12	26.00 -0.35 -2.12	27.53 -0.30 -5.77	16.26 -0.12 -5.97	14.14 -0.11 -4.27	36.93 -0.41 -5.42	25.96 -0.29 -6.08	31.55 -0.36 -8.67	29.62 -0.38 -4.71	28.98 -0.35 -6.99	91.42 -1.54 -3.04	137.26 -2.19 -4.42	293.29 -4.88 0.00	137.52 -2.19 0.00	125.37 -2.00 0.00	124.36 -2.11 -1.56	26.63 -0.26 -10.19	20.78 -0.26 -5.20	10.87 0.00 -11.33
LOVETT___3 23632	26.59 0.43 -19.64	27.17 -0.09 -28.87	26.23 0.17 -23.24	26.35 0.69 -14.80	27.28 1.69 -0.14	28.57 1.76 -1.47	51.68 1.80 -25.64	93.70 1.65 -70.00	83.61 0.81 -72.39	62.55 0.78 -51.79	100.22 2.58 -65.72	95.53 1.64 -73.72	130.25 1.94 -105.08	84.47 2.15 -57.01	108.44 1.86 -84.23	132.57 7.35 -35.29	199.48 10.94 -53.51	315.81 21.77 4.13	149.24 10.79 1.26	137.10 9.83 0.09	151.74 9.83 -16.99	141.17 1.32 -123.14	80.07 1.22 -63.01	136.70 -0.01 -137.17
LOVETT___4 23642	26.59 0.43 -19.64	27.17 -0.09 -28.87	26.23 0.17 -23.24	26.35 0.69 -14.80	27.28 1.69 -0.14	28.57 1.76 -1.47	51.68 1.80 -25.64	93.70 1.65 -70.00	83.61 0.81 -72.39	62.55 0.78 -51.79	100.22 2.58 -65.72	95.53 1.64 -73.72	130.25 1.94 -105.08	84.47 2.15 -57.01	108.44 1.86 -84.23	132.57 7.35 -35.29	199.48 10.94 -53.51	315.81 21.77 4.13	149.24 10.79 1.26	137.10 9.83 0.09	151.74 9.83 -16.99	141.17 1.32 -123.14	80.07 1.22 -63.01	136.70 -0.01 -137.17
LOVETT___5 23593	26.59 0.43 -19.64	27.17 -0.09 -28.87	26.23 0.17 -23.24	26.35 0.69 -14.80	27.28 1.69 -0.14	28.57 1.76 -1.47	51.68 1.80 -25.64	93.70 1.65 -70.00	83.61 0.81 -72.39	62.55 0.78 -51.79	100.22 2.58 -65.72	95.53 1.64 -73.72	130.25 1.94 -105.08	84.47 2.15 -57.01	108.44 1.86 -84.23	132.57 7.35 -35.29	199.48 10.94 -53.51	315.81 21.77 4.13	149.24 10.79 1.26	137.10 9.83 0.09	151.74 9.83 -16.99	141.17 1.32 -123.14	80.07 1.22 -63.01	136.70 -0.01 -137.17
LOWER RAQUET___HYD 24057	6.33 -0.20 0.00	-1.56 0.05 0.00	2.73 -0.08 0.00	10.58 -0.28 0.00	24.90 -0.55 0.00	24.67 -0.67 0.00	23.31 -0.92 0.00	21.09 -0.96 0.00	9.82 -0.59 0.00	9.46 -0.52 0.00	30.52 -1.39 0.00	19.58 -0.59 0.00	22.73 -0.51 0.00	24.67 -0.63 0.00	21.63 -0.71 0.00	86.71 -3.21 0.00	130.65 -4.38 0.00	290.87 -7.30 0.00	135.53 -4.18 0.00	123.07 -4.29 0.00	121.22 -3.69 0.00	16.14 -0.56 0.00	15.57 -0.26 0.00	-0.48 -0.01 0.00
LOWER___HUDSON 24059	34.99 0.46 -27.99	39.43 -0.12 -41.16	36.15 0.20 -33.13	32.74 0.79 -21.09	27.52 1.87 -0.20	29.37 1.93 -2.10	62.73 1.94 -36.56	123.61 1.77 -99.79	114.43 0.83 -103.19	84.58 0.77 -73.82	128.10 2.50 -93.70	126.82 1.56 -105.10	174.78 1.76 -149.79	108.48 1.90 -81.28	144.93 1.72 -120.86	149.48 6.93 -52.62	221.96 10.63 -76.30	318.09 22.78 2.86	149.50 10.66 0.88	137.22 9.92 0.06	160.31 9.80 -25.59	193.81 1.29 -175.82	106.94 1.21 -89.90	195.24 -0.03 -195.74
LWR___OSWEGATCHIE_HYD 23850	6.45 -0.08 0.00	-1.58 0.03 0.00	2.78 -0.03 0.00	10.77 -0.09 0.00	25.35 -0.09 0.00	25.24 -0.10 0.00	24.09 -0.14 0.00	21.87 -0.19 0.00	10.20 -0.21 0.00	9.80 -0.18 0.00	31.54 -0.38 0.00	20.12 -0.05 0.00	23.31 0.08 0.00	25.31 0.01 0.00	22.24 -0.10 0.00	89.31 -0.62 0.00	134.71 -0.32 0.00	299.63 1.46 0.00	140.01 0.29 0.00	127.18 -0.18 0.00	124.74 -0.18 0.00	16.63 -0.07 0.00	15.89 0.05 0.00	-0.47 0.00 0.00
LYONS_FALL_HYD 23570	6.65 0.12 0.00	-1.64 -0.02 0.00	2.86 0.05 0.00	11.08 0.22 0.00	26.06 0.62 0.00	26.03 0.68 0.00	25.02 0.78 0.00	22.79 0.74 0.00	10.71 0.30 0.00	10.28 0.29 0.00	32.89 0.98 0.00	20.80 0.64 0.00	24.02 0.79 0.00	26.13 0.82 0.00	23.04 0.70 0.00	92.77 2.84 0.00	139.81 4.77 0.00	309.64 11.47 0.00	145.04 5.33 0.00	132.00 4.64 0.00	129.18 4.27 0.00	17.22 0.52 0.00	16.29 0.45 0.00	-0.47 -0.01 0.00
MADISON___COUNTY_LFGE 323628	7.55 0.17 -0.84	-0.42 -0.05 -1.23	3.88 0.08 -1.00	11.80 0.30 -0.63	26.21 0.76 -0.01	26.23 0.83 -0.06	26.25 0.92 -1.09	25.94 0.90 -2.99	13.96 0.43 -3.12	12.62 0.40 -2.23	35.95 1.20 -2.83	24.01 0.67 -3.18	28.55 0.78 -4.53	28.61 0.84 -2.46	26.75 0.75 -3.66	94.69 3.18 -1.59	142.35 4.99 -2.33	309.51 11.35 0.00	145.06 5.34 0.00	132.19 4.83 0.00	130.26 4.52 -0.82	22.62 0.58 -5.34	19.05 0.49 -2.72	5.45 -0.01 -5.93
MAPLE_RIDGE_WT_1 323574	5.23 -0.10 1.20	-3.36 0.01 1.76	1.37 -0.03 1.42	9.88 -0.08 0.90	25.31 -0.13 0.01	25.16 -0.09 0.09	22.59 -0.07 1.57	17.58 -0.21 4.27	5.95 -0.15 4.32	6.73 -0.16 3.09	27.29 -0.70 3.92	15.37 -0.40 4.40	16.74 -0.22 6.27	21.70 -0.20 3.40	17.16 -0.13 5.06	87.37 -0.36 2.20	131.43 -0.82 2.79	296.64 -1.52 0.00	138.85 -0.86 0.00	126.44 -0.92 0.00	122.83 -1.10 0.98	9.96 -0.20 6.54	12.31 -0.16 3.36	-7.80 -0.01 7.32
MAPLE_RIDGE_WT_2 323611	5.23 -0.10 1.20	-3.36 0.01 1.76	1.37 -0.03 1.42	9.88 -0.08 0.90	25.31 -0.13 0.01	25.16 -0.09 0.09	22.59 -0.07 1.57	17.58 -0.21 4.27	5.95 -0.15 4.32	6.73 -0.16 3.09	27.29 -0.70 3.92	15.37 -0.40 4.40	16.74 -0.22 6.27	21.70 -0.20 3.40	17.16 -0.13 5.06	87.37 -0.36 2.20	131.43 -0.82 2.79	296.64 -1.52 0.00	138.85 -0.86 0.00	126.44 -0.92 0.00	122.83 -1.10 0.98	9.96 -0.20 6.54	12.31 -0.16 3.36	-7.80 -0.01 7.32



MARBLE_RIVER_WT_PWR 323696	6.18 -0.35 0.00	-1.52 0.09 0.00	2.69 -0.12 0.00	10.43 -0.43 0.00	24.85 -0.60 0.00	25.06 -0.29 0.00	23.94 -0.29 0.00	21.91 -0.14 0.00	10.30 -0.11 0.00	9.64 -0.34 0.00	30.49 -1.42 0.00	19.27 -0.89 0.00	22.37 -0.86 0.00	24.24 -1.07 0.00	21.41 -0.94 0.00	87.98 -1.94 0.00	133.33 -1.70 0.00	296.23 -1.94 0.00	137.37 -2.34 0.00	124.20 -3.16 0.00	123.61 -1.30 0.00	16.51 -0.19 0.00	15.65 -0.19 0.00	-0.51 -0.05 0.00
MARSH_HILL_WT_PWR 323713	10.70 -0.25 -4.41	4.97 0.08 -6.50	7.92 -0.11 -5.22	13.73 -0.40 -3.27	24.50 -0.98 -0.03	24.27 -1.05 0.03	28.94 -1.02 -5.72	35.95 -0.80 -14.70	22.08 -0.38 -12.05	18.90 -0.32 -9.24	44.17 -1.07 -13.32	27.14 -0.96 -7.94	37.29 -0.95 -15.02	25.85 -1.12 -1.66	29.66 -0.97 -8.28	64.55 -3.91 21.47	94.12 -5.05 35.86	291.03 -11.64 -4.50	125.45 -5.56 8.70	90.74 -5.28 31.34	129.91 -5.46 -10.46	39.21 -0.75 -23.26	24.54 -0.78 -9.48	30.81 0.01 -31.26
MG_INDUSTRY___DRP 24185	31.20 0.36 -24.31	34.05 -0.09 -35.75	31.75 0.15 -28.78	29.79 0.61 -18.32	27.05 1.43 -0.18	28.56 1.39 -1.82	57.28 1.30 -31.75	109.89 1.16 -86.67	100.52 0.54 -89.56	74.57 0.51 -64.07	114.95 1.72 -81.32	112.44 1.06 -91.22	154.41 1.17 -130.01	97.12 1.27 -70.54	128.42 1.16 -104.91	140.25 4.61 -45.71	208.14 6.89 -66.21	308.94 14.24 3.47	145.32 6.67 1.06	133.61 6.32 0.08	153.11 6.43 -21.77	170.14 0.85 -152.59	94.75 0.86 -78.05	169.45 -0.02 -169.94
MID___OSWEGATCHIE_HYD 23849	6.45 -0.08 0.00	-1.58 0.03 0.00	2.78 -0.03 0.00	10.77 -0.09 0.00	25.35 -0.09 0.00	25.24 -0.10 0.00	24.09 -0.14 0.00	21.87 -0.19 0.00	10.20 -0.21 0.00	9.80 -0.18 0.00	31.54 -0.38 0.00	20.12 -0.05 0.00	23.31 0.08 0.00	25.31 0.01 0.00	22.24 -0.10 0.00	89.31 -0.62 0.00	134.71 -0.32 0.00	299.63 1.46 0.00	140.01 0.29 0.00	127.18 -0.18 0.00	124.74 -0.18 0.00	16.63 -0.07 0.00	15.89 0.05 0.00	-0.47 0.00 0.00
MID___RAQUETTE_HYD 23851	6.33 -0.20 0.00	-1.56 0.05 0.00	2.73 -0.08 0.00	10.58 -0.28 0.00	24.90 -0.55 0.00	24.67 -0.67 0.00	23.31 -0.92 0.00	21.09 -0.96 0.00	9.82 -0.59 0.00	9.46 -0.52 0.00	30.52 -1.39 0.00	19.58 -0.59 0.00	22.73 -0.51 0.00	24.67 -0.63 0.00	21.63 -0.71 0.00	86.71 -3.21 0.00	130.65 -4.38 0.00	290.87 -7.30 0.00	135.53 -4.18 0.00	123.07 -4.29 0.00	121.22 -3.69 0.00	16.14 -0.56 0.00	15.57 -0.26 0.00	-0.48 -0.01 0.00
MILLIKEN___1 23584	10.82 0.13 -4.16	4.48 -0.03 -6.11	7.78 0.05 -4.92	14.18 0.19 -3.13	25.88 0.40 -0.03	26.15 0.49 -0.31	30.26 0.61 -5.42	37.47 0.62 -14.80	26.01 0.30 -15.30	21.21 0.28 -10.94	46.64 0.83 -13.89	45.75 0.38 -25.21	45.94 0.49 -22.21	37.92 0.57 -12.05	40.72 0.47 -17.91	99.73 2.03 -7.78	149.76 3.41 -11.31	299.57 7.72 6.32	141.32 3.54 1.93	130.61 3.39 0.14	129.13 3.07 -1.15	47.53 0.38 -30.45	32.93 0.30 -16.80	28.29 0.00 -28.76
MILLIKEN___2 23585	10.82 0.13 -4.16	4.48 -0.03 -6.11	7.78 0.05 -4.92	14.18 0.19 -3.13	25.88 0.40 -0.03	26.15 0.49 -0.31	30.26 0.61 -5.42	37.47 0.62 -14.80	26.01 0.30 -15.30	21.21 0.28 -10.94	46.64 0.83 -13.89	45.75 0.38 -25.21	45.94 0.49 -22.21	37.92 0.57 -12.05	40.72 0.47 -17.91	99.73 2.03 -7.78	149.76 3.41 -11.31	299.57 7.72 6.32	141.32 3.54 1.93	130.61 3.39 0.14	129.13 3.07 -1.15	47.53 0.38 -30.45	32.93 0.30 -16.80	28.29 0.00 -28.76
MILLIKEN___DIESEL 23629	10.82 0.13 -4.16	4.48 -0.03 -6.11	7.78 0.05 -4.92	14.18 0.19 -3.13	25.88 0.40 -0.03	26.15 0.49 -0.31	30.26 0.61 -5.42	37.47 0.62 -14.80	26.01 0.30 -15.30	21.21 0.28 -10.94	46.64 0.83 -13.89	45.75 0.38 -25.21	45.94 0.49 -22.21	37.92 0.57 -12.05	40.72 0.47 -17.91	99.73 2.03 -7.78	149.76 3.41 -11.31	299.57 7.72 6.32	141.32 3.54 1.93	130.61 3.39 0.14	129.13 3.07 -1.15	47.53 0.38 -30.45	32.93 0.30 -16.80	28.29 0.00 -28.76
MILLSEAT___LFGE 323607	9.36 -0.34 -3.17	3.14 0.08 -4.67	6.38 -0.16 -3.73	12.41 -0.69 -2.24	23.78 -1.69 -0.02	23.01 -1.57 0.76	26.90 -1.53 -4.20	29.97 -1.23 -9.15	11.53 -0.55 -1.67	12.19 -0.49 -2.70	37.83 -1.49 -7.41	26.37 -1.26 -7.47	17.79 -1.37 4.07	5.60 -1.53 18.18	8.53 -1.26 12.55	16.31 -5.31 68.31	16.74 -8.04 110.25	293.57 -16.77 -12.17	109.76 -7.38 22.56	40.52 -6.14 80.71	136.71 -7.03 -18.83	33.52 -0.94 -17.76	19.86 -0.95 -4.97	23.58 0.03 -24.02
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	27.20 0.49 -20.17	27.95 -0.11 -29.67	26.89 0.19 -23.88	26.84 0.78 -15.20	27.49 1.91 -0.15	28.84 1.98 -1.51	52.60 2.02 -26.35	95.83 1.85 -71.92	85.69 0.90 -74.37	64.07 0.88 -53.21	102.34 2.89 -67.53	97.75 1.84 -75.75	133.34 2.15 -107.96	86.27 2.39 -58.58	111.86 2.09 -87.42	137.02 8.25 -38.85	202.26 12.26 -54.98	318.67 24.58 4.07	150.59 12.13 1.25	138.37 11.10 0.09	153.46 11.01 -17.54	144.72 1.48 -126.53	81.96 1.38 -64.74	140.47 -0.01 -140.94
MODEL_CITY_ENERGY 24167	9.36 -0.56 -3.39	3.53 0.14 -5.00	6.54 -0.26 -3.99	12.18 -1.07 -2.39	22.82 -2.65 -0.03	21.70 -2.56 1.08	26.02 -2.63 -4.42	29.56 -2.24 -9.75	11.17 -1.01 -1.77	11.94 -0.91 -2.87	36.97 -2.84 -7.90	25.83 -2.09 -7.75	16.17 -2.36 4.70	3.33 -2.54 19.43	6.76 -2.16 13.43	7.20 -9.14 73.59	3.10 -13.97 117.96	9.67 -30.48 258.02	17.66 -13.64 108.42	20.20 -11.69 95.47	10.46 -12.49 101.96	13.44 -1.64 1.62	15.08 -1.57 -0.81	12.89 0.04 -13.31
MODERN_LFGE___ 323580	9.36 -0.56 -3.39	3.53 0.14 -5.00	6.54 -0.26 -3.99	12.18 -1.07 -2.39	22.82 -2.65 -0.03	21.70 -2.56 1.08	26.02 -2.63 -4.42	29.56 -2.24 -9.75	11.17 -1.01 -1.77	11.94 -0.91 -2.87	36.97 -2.84 -7.90	25.83 -2.09 -7.75	16.17 -2.36 4.70	3.33 -2.54 19.43	6.76 -2.16 13.43	7.20 -9.14 73.59	3.10 -13.97 117.96	9.67 -30.48 258.02	17.66 -13.64 108.42	20.20 -11.69 95.47	10.46 -12.49 101.96	13.44 -1.64 1.62	15.08 -1.57 -0.81	12.89 0.04 -13.31
MOHAWK_PAPER___DRP 24187	34.40 0.47 -27.40	38.56 -0.12 -40.29	35.45 0.21 -32.44	32.31 0.80 -20.65	27.52 1.88 -0.20	29.29 1.89 -2.05	61.82 1.80 -35.79	121.35 1.62 -97.67	111.99 0.77 -100.82	82.83 0.73 -72.12	125.85 2.40 -91.54	124.34 1.50 -102.68	171.25 1.67 -146.34	106.51 1.80 -79.41	142.04 1.62 -118.08	147.79 6.45 -51.42	219.35 9.79 -74.53	315.93 20.79 3.02	148.61 9.82 0.92	136.46 9.17 0.07	159.02 9.20 -24.90	189.93 1.22 -172.01	105.03 1.20 -88.00	191.10 -0.03 -191.59
MONGAUP___HYD 23641	25.55 0.44 -18.58	25.61 -0.11 -27.32	24.98 0.18 -21.99	25.57 0.71 -14.00	27.39 1.81 -0.13	28.63 1.89 -1.39	50.28 1.78 -24.27	89.74 1.45 -66.24	79.62 0.71 -68.50	59.65 0.66 -49.00	96.23 2.12 -62.19	91.44 1.51 -69.77	124.44 1.78 -99.43	81.34 2.08 -53.95	104.06 1.82 -79.90	130.62 6.75 -33.94	194.94 9.28 -50.63	313.77 19.86 4.25	148.17 9.76 1.30	136.20 8.93 0.09	150.37 9.53 -15.93	134.57 1.36 -116.50	76.66 1.20 -59.62	129.32 0.00 -129.79
MONTAUK___DIESEL 23721	27.93 1.10 -20.30	28.02 -0.21 -29.85	27.26 0.42 -24.03	27.76 1.61 -15.29	29.43 3.84 -0.15	30.80 3.93 -1.52	54.76 4.02 -26.51	106.17 3.66 -80.46	219.78 1.52 -207.85	64.95 1.44 -53.53	105.00 5.14 -67.95	99.65 3.27 -76.22	138.51 3.92 -111.36	114.91 4.31 -85.29	113.99 3.74 -87.91	144.13 15.26 -38.94	210.30 19.95 -55.32	334.18 40.07 4.06	162.36 23.89 1.24	149.04 21.77 0.09	163.47 20.89 -17.66	146.84 2.82 -127.32	83.62 2.64 -65.14	141.32 -0.03 -141.82



MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	27.36 0.54 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.03	27.00 0.85 -15.29	27.64 2.05 -0.15	28.99 2.12 -1.52	52.92 2.18 -26.51	96.40 1.99 -72.35	86.21 0.97 -74.83	64.46 0.96 -53.53	103.05 3.19 -67.94	98.41 2.04 -76.21	134.24 2.39 -108.61	86.91 2.66 -58.93	112.58 2.33 -87.90	138.09 9.24 -38.93	203.95 13.60 -55.31	321.29 27.19 4.06	151.84 13.37 1.24	139.51 12.24 0.09	154.77 12.19 -17.66	145.65 1.64 -127.31	82.52 1.55 -65.14	141.33 -0.01 -141.80
MUNSVILLE_WIND_PWR 323609	13.35 0.42 -6.39	7.69 -0.10 -9.40	10.55 0.17 -7.56	16.34 0.68 -4.80	27.24 1.75 -0.05	27.66 1.97 -0.35	34.73 2.15 -8.34	46.68 2.13 -22.50	33.73 0.99 -22.33	27.05 0.92 -16.15	55.60 2.72 -20.97	50.26 1.54 -28.56	56.77 1.83 -31.70	42.63 2.02 -15.30	48.52 1.73 -24.44	100.64 7.38 -3.33	151.06 12.55 -3.48	308.89 28.90 18.18	144.58 13.31 8.45	129.87 11.96 9.46	135.74 11.63 0.80	59.15 1.46 -40.99	38.47 1.14 -21.49	43.47 -0.05 -43.98
N SALMON___HYD 24042	6.35 -0.18 0.00	-1.57 0.04 0.00	2.75 -0.06 0.00	10.69 -0.17 0.00	25.38 -0.06 0.00	25.46 0.12 0.00	24.30 0.07 0.00	22.20 0.15 0.00	10.42 0.01 0.00	9.84 -0.14 0.00	31.34 -0.58 0.00	19.86 -0.30 0.00	23.07 -0.16 0.00	25.01 -0.29 0.00	22.05 -0.29 0.00	90.00 0.07 0.00	136.02 0.98 0.00	302.96 4.80 0.00	140.76 1.04 0.00	127.41 0.04 0.00	126.31 1.40 0.00	16.83 0.13 0.00	15.96 0.13 0.00	-0.51 -0.05 0.00
N.E._GEN_SANDY PD 24062	30.61 0.47 -23.62	40.82 -0.12 -42.54	34.05 0.20 -31.04	33.54 0.78 -21.90	24.89 1.85 2.41	31.57 1.93 -4.29	59.54 1.94 -33.37	115.62 1.76 -91.81	98.96 0.83 -87.71	79.05 0.79 -68.28	114.12 2.57 -79.64	111.11 1.62 -89.33	152.40 1.84 -127.32	96.40 2.01 -69.09	126.93 1.80 -102.79	141.87 7.04 -44.90	210.45 10.58 -64.84	315.26 22.10 5.00	138.01 10.53 12.23	136.99 9.71 0.08	155.93 9.77 -21.25	167.31 1.29 -149.31	93.41 1.21 -76.36	165.76 -0.02 -166.25
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	26.57 0.44 -19.60	27.12 -0.10 -28.82	26.19 0.18 -23.20	26.34 0.71 -14.77	27.32 1.74 -0.14	28.62 1.81 -1.47	51.68 1.85 -25.59	93.63 1.70 -69.87	83.50 0.84 -72.26	62.48 0.81 -51.69	100.18 2.66 -65.60	95.43 1.68 -73.59	130.10 1.99 -104.88	84.42 2.21 -56.91	108.35 1.91 -84.09	132.72 7.53 -35.27	199.73 11.29 -53.41	316.56 22.53 4.14	149.63 11.19 1.26	137.46 10.19 0.09	152.02 10.14 -16.96	140.98 1.37 -122.92	79.99 1.26 -62.89	136.45 -0.01 -136.92
NARROWS_GT1_1 24228	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
NARROWS_GT1_2 24229	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
NARROWS_GT1_3 24230	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
NARROWS_GT1_4 24231	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
NARROWS_GT1_5 24232	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
NARROWS_GT1_6 24233	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
NARROWS_GT1_7 24234	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
NARROWS_GT1_8 24235	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
NARROWS_GT2_1 24236	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
NARROWS_GT2_2 24237	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80



NARROWS_GT2_3 24238	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
NARROWS_GT2_4 24239	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
NARROWS_GT2_5 24240	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
NARROWS_GT2_6 24241	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
NARROWS_GT2_7 24242	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
NARROWS_GT2_8 24243	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.29 0.56 -22.20	30.91 -0.13 -32.65	29.33 0.24 -26.28	28.51 0.92 -16.73	27.75 2.15 -0.16	29.20 2.19 -1.66	55.42 2.19 -29.00	103.22 2.01 -79.15	93.19 0.96 -81.82	69.42 0.90 -58.53	109.15 2.94 -74.29	105.27 1.77 -83.34	144.03 2.03 -118.77	91.98 2.23 -64.45	120.16 1.98 -95.83	139.73 8.09 -41.71	208.06 12.54 -60.48	321.85 27.47 3.78	151.66 13.11 1.16	139.03 11.75 0.08	156.40 11.88 -19.61	157.59 1.58 -139.31	88.62 1.51 -71.27	154.67 -0.03 -155.16
NEG CAPITAL___MECHNVIL 23645	35.67 0.55 -28.59	40.30 -0.14 -42.04	36.89 0.24 -33.85	33.33 0.93 -21.55	27.84 2.19 -0.21	29.79 2.30 -2.14	63.93 2.36 -37.34	126.16 2.19 -101.92	116.67 1.03 -105.23	86.23 0.96 -75.28	130.56 3.10 -95.55	129.28 1.94 -107.18	178.19 2.20 -152.75	110.57 2.38 -82.88	147.75 2.16 -123.25	152.35 8.77 -53.65	226.57 13.73 -77.81	325.52 30.17 2.82	152.79 13.95 0.86	140.17 12.87 0.06	163.63 12.57 -26.14	197.86 1.61 -179.54	109.14 1.46 -91.84	199.45 -0.04 -199.96
NEG CENTRAL_HIGH_ACRES 23767	8.73 -0.21 -2.41	1.98 0.05 -3.54	5.57 -0.10 -2.86	12.29 -0.41 -1.84	24.46 -1.00 -0.02	24.75 -0.96 -0.37	26.61 -0.79 -3.16	30.42 -0.63 -9.00	20.72 -0.30 -10.60	17.06 -0.26 -7.33	39.78 -0.78 -8.65	27.62 -0.64 -8.09	38.89 -0.75 -16.41	36.07 -0.84 -11.60	36.43 -0.74 -14.83	103.55 -3.18 -16.80	156.75 -4.67 -26.39	312.80 -9.59 -24.22	146.91 -4.32 -11.53	137.00 -3.78 -13.42	132.05 -4.31 -11.44	32.82 -0.56 -16.68	23.69 -0.57 -8.42	17.40 0.02 -17.85
NEG CENTRAL___DRP 24199	9.20 -0.01 -2.69	2.35 0.01 -3.95	5.98 -0.02 -3.18	12.82 -0.06 -2.02	25.25 -0.21 -0.02	25.43 -0.12 -0.21	27.75 0.01 -3.51	31.71 0.09 -9.57	20.36 0.05 -9.89	17.11 0.05 -7.08	40.96 0.07 -8.98	28.09 -0.07 -8.00	37.55 -0.04 -14.36	33.07 -0.03 -7.79	33.89 -0.03 -11.58	94.66 -0.30 -5.03	142.17 -0.18 -7.32	304.23 -0.33 -6.39	141.54 -0.13 -1.95	127.46 -0.04 -0.14	130.01 -0.35 -5.45	32.98 -0.05 -16.32	23.71 -0.08 -7.96	18.61 0.01 -19.07
NEG CENTRAL___INDECK 23768	10.20 0.00 -3.66	3.77 0.00 -5.39	7.13 -0.01 -4.33	13.57 -0.03 -2.74	25.44 -0.03 -0.03	25.56 0.04 -0.17	29.22 0.23 -4.75	35.09 0.40 -12.64	22.53 0.17 -11.95	18.96 0.21 -8.76	44.32 0.71 -11.69	29.07 0.17 -8.74	39.98 0.28 -16.47	32.18 0.25 -6.62	34.24 -0.02 -11.91	84.80 -1.40 3.73	124.20 -3.74 7.09	302.32 -8.19 -12.33	136.33 -3.62 -0.24	113.46 -3.11 10.79	132.23 -3.24 -10.55	38.00 0.09 -21.21	25.39 0.02 -9.53	25.69 0.00 -26.15
NEG CENTRAL___SENECA 23627	9.50 -0.02 -2.99	2.80 0.01 -4.40	6.34 -0.02 -3.54	13.05 -0.06 -2.26	25.30 -0.16 -0.02	25.50 -0.08 -0.23	28.21 0.07 -3.91	32.88 0.17 -10.66	21.51 0.08 -11.02	17.94 0.08 -7.89	42.04 0.12 -10.01	27.40 -0.05 -7.29	39.24 0.00 -16.00	34.02 0.03 -8.68	35.27 0.02 -12.91	95.35 -0.18 -5.61	143.36 0.17 -8.15	306.84 0.32 -8.36	142.45 0.18 -2.56	127.69 0.15 -0.18	131.47 -0.07 -6.63	34.15 -0.02 -17.47	24.04 -0.08 -8.29	20.85 0.01 -21.31
NEG CENTRAL___STATE_STREET 24147	9.24 0.10 -2.61	2.22 -0.01 -3.84	5.93 0.04 -3.09	12.94 0.11 -1.97	25.45 -0.01 -0.02	25.65 0.11 -0.20	27.89 0.25 -3.41	31.63 0.28 -9.30	20.18 0.15 -9.62	17.00 0.14 -6.88	41.18 0.53 -8.73	31.25 0.16 -10.93	37.39 0.20 -13.96	33.16 0.28 -7.58	33.79 0.19 -11.26	95.66 0.84 -4.89	143.39 1.24 -7.11	305.22 3.25 -3.80	142.03 1.15 -1.16	128.90 1.46 -0.08	129.93 0.81 -4.21	34.10 0.14 -17.26	24.84 0.14 -8.86	17.97 0.00 -18.43
NEG MILLWOOD___DRP 24198	27.73 0.57 -20.63	28.59 -0.13 -30.33	27.46 0.23 -24.42	27.32 0.92 -15.54	27.83 2.24 -0.15	29.23 2.34 -1.54	53.56 2.39 -26.94	97.81 2.23 -73.53	87.53 1.08 -76.04	65.42 1.04 -54.40	104.34 3.38 -69.04	99.74 2.13 -77.45	136.10 2.49 -110.38	87.96 2.76 -59.89	113.91 2.43 -89.14	138.61 9.68 -39.01	205.86 14.62 -56.21	324.63 30.49 4.02	153.37 14.89 1.23	140.91 13.63 0.09	156.30 13.39 -18.00	147.86 1.77 -129.39	83.67 1.64 -66.20	143.63 -0.02 -144.11
NEG NORTH_FLCN_SEA 23793	6.27 -0.26 0.00	-1.54 0.06 0.00	2.73 -0.08 0.00	10.58 -0.28 0.00	25.22 -0.23 0.00	25.49 0.14 0.00	24.39 0.16 0.00	22.33 0.28 0.00	10.50 0.09 0.00	9.83 -0.15 0.00	31.02 -0.89 0.00	19.57 -0.59 0.00	22.73 -0.51 0.00	24.64 -0.67 0.00	21.76 -0.58 0.00	89.40 -0.52 0.00	135.64 0.60 0.00	301.50 3.33 0.00	139.98 0.27 0.00	126.68 -0.68 0.00	125.89 0.97 0.00	16.81 0.10 0.00	15.89 0.06 0.00	-0.53 -0.06 0.00



NEG NORTH_KES_CHATEGAY 23792	6.21 -0.32 0.00	-1.53 0.08 0.00	2.70 -0.11 0.00	10.47 -0.39 0.00	24.91 -0.53 0.00	25.07 -0.27 0.00	23.95 -0.28 0.00	21.91 -0.15 0.00	10.29 -0.12 0.00	9.66 -0.32 0.00	30.63 -1.29 0.00	19.35 -0.81 0.00	22.45 -0.78 0.00	24.33 -0.98 0.00	21.49 -0.86 0.00	88.22 -1.71 0.00	133.57 -1.46 0.00	296.92 -1.24 0.00	137.79 -1.92 0.00	124.63 -2.73 0.00	123.90 -1.02 0.00	16.53 -0.17 0.00	15.65 -0.18 0.00	-0.51 -0.04 0.00
NEG NORTH___ALICE_FALLS 23915	6.31 -0.22 0.00	-1.56 0.05 0.00	2.75 -0.07 0.00	10.65 -0.21 0.00	25.37 -0.07 0.00	25.62 0.28 0.00	24.54 0.31 0.00	22.48 0.43 0.00	10.57 0.16 0.00	9.90 -0.08 0.00	31.27 -0.65 0.00	19.72 -0.44 0.00	22.90 -0.33 0.00	24.81 -0.50 0.00	21.91 -0.43 0.00	90.11 0.19 0.00	136.70 1.67 0.00	303.99 5.83 0.00	141.22 1.50 0.00	127.75 0.39 0.00	126.91 2.00 0.00	16.93 0.23 0.00	16.00 0.16 0.00	-0.53 -0.06 0.00
NEG NORTH___LWR_SARANAC 23913	6.31 -0.22 0.00	-1.56 0.05 0.00	2.75 -0.07 0.00	10.65 -0.21 0.00	25.37 -0.07 0.00	25.62 0.28 0.00	24.54 0.31 0.00	22.48 0.43 0.00	10.57 0.16 0.00	9.90 -0.08 0.00	31.27 -0.65 0.00	19.72 -0.44 0.00	22.90 -0.33 0.00	24.81 -0.50 0.00	21.91 -0.43 0.00	90.11 0.19 0.00	136.70 1.67 0.00	303.99 5.83 0.00	141.22 1.50 0.00	127.75 0.39 0.00	126.91 2.00 0.00	16.93 0.23 0.00	16.00 0.16 0.00	-0.53 -0.06 0.00
NEG NORTH___PLATTSBURG 23628	6.31 -0.22 0.00	-1.56 0.05 0.00	2.75 -0.07 0.00	10.65 -0.21 0.00	25.37 -0.07 0.00	25.62 0.28 0.00	24.54 0.31 0.00	22.48 0.43 0.00	10.57 0.16 0.00	9.90 -0.08 0.00	31.27 -0.65 0.00	19.72 -0.44 0.00	22.90 -0.33 0.00	24.81 -0.50 0.00	21.91 -0.43 0.00	90.11 0.19 0.00	136.70 1.67 0.00	303.99 5.83 0.00	141.22 1.50 0.00	127.75 0.39 0.00	126.91 2.00 0.00	16.93 0.23 0.00	16.00 0.16 0.00	-0.53 -0.06 0.00
NEG WEST_LEA_LOCKPORT 23791	9.35 -0.50 -3.32	3.40 0.12 -4.89	6.48 -0.23 -3.90	12.21 -0.97 -2.32	23.10 -2.37 -0.02	21.84 -2.27 1.24	26.32 -2.27 -4.36	29.37 -1.95 -9.27	9.65 -0.91 -0.14	11.11 -0.80 -1.93	36.74 -2.46 -7.28	25.78 -1.87 -7.49	13.54 -2.11 7.58	-0.51 -2.30 23.52	2.98 -1.95 17.42	-1.94 -8.26 83.61	-12.57 -12.60 135.00	4.14 -27.48 266.55	14.43 -12.28 113.01	13.72 -10.48 103.16	9.62 -11.28 104.01	12.68 -1.48 2.54	14.47 -1.42 -0.05	12.37 0.04 -12.80
NEG WEST___LANCASTR 23811	10.17 -0.30 -3.93	4.26 0.08 -5.79	7.30 -0.15 -4.64	13.12 -0.59 -2.85	24.07 -1.40 -0.03	23.23 -1.43 0.69	27.86 -1.43 -5.06	32.89 -1.21 -12.05	15.82 -0.62 -6.03	15.01 -0.54 -5.57	40.63 -1.63 -10.35	28.18 -1.39 -9.41	25.36 -1.49 -3.61	12.42 -1.62 11.27	16.13 -1.34 4.88	30.60 -5.77 53.55	38.90 -8.90 87.23	50.71 -21.60 225.86	39.89 -9.76 90.07	49.03 -8.18 70.15	27.52 -8.23 89.16	19.76 -1.15 -4.21	18.55 -1.15 -3.87	17.47 0.01 -17.91
NEG_PENN_ALLEGHNY 23528	13.25 0.03 -6.69	8.23 0.00 -9.84	10.73 0.01 -7.92	15.90 0.03 -5.02	25.53 0.04 -0.05	25.71 0.06 -0.31	33.07 0.12 -8.72	45.63 0.16 -23.42	33.35 0.07 -22.86	26.68 0.08 -16.61	53.95 0.25 -21.78	43.33 0.00 -23.17	55.43 0.07 -32.13	40.03 0.09 -14.63	46.68 0.09 -24.24	90.08 0.42 0.27	133.44 0.77 2.36	268.58 0.44 30.03	126.64 0.39 13.46	113.86 0.54 14.04	120.32 0.66 5.25	55.41 0.05 -38.66	35.46 -0.01 -19.63	45.10 0.01 -45.56
NEG___GEN_MONROE 24207	8.95 -0.12 -2.53	2.14 0.03 -3.72	5.75 -0.06 -3.00	12.51 -0.28 -1.94	24.74 -0.72 -0.02	25.11 -0.67 -0.44	27.03 -0.53 -3.33	31.27 -0.37 -9.59	21.95 -0.17 -11.71	17.89 -0.13 -8.03	40.86 -0.33 -9.28	27.85 -0.41 -8.10	41.13 -0.46 -18.36	38.49 -0.53 -13.71	38.96 -0.44 -17.06	109.51 -2.04 -21.63	166.33 -2.97 -34.27	327.12 -5.62 -34.58	153.44 -2.31 -16.03	143.57 -1.83 -18.04	137.86 -2.55 -15.50	34.40 -0.34 -18.04	24.51 -0.37 -9.04	18.67 0.01 -19.12
NEPA___ENERGY 23901	10.24 -0.30 -4.01	4.40 0.11 -5.91	7.40 -0.15 -4.73	13.18 -0.60 -2.91	23.89 -1.59 -0.03	23.16 -1.54 0.65	27.88 -1.51 -5.15	33.18 -1.25 -12.38	16.37 -0.63 -6.59	15.32 -0.55 -5.89	41.04 -1.53 -10.65	28.34 -1.50 -9.68	26.29 -1.52 -4.58	13.30 -1.62 10.38	17.11 -1.39 3.84	33.24 -5.46 51.23	43.28 -8.06 83.69	58.07 -20.90 219.20	42.96 -9.80 86.95	51.93 -8.48 66.95	30.87 -7.73 86.32	20.88 -1.08 -5.26	19.06 -1.13 -4.35	18.29 0.02 -18.73
NEVERSINK___HYD 23608	25.13 0.40 -18.20	25.05 -0.09 -26.76	24.52 0.16 -21.54	25.24 0.67 -13.71	27.28 1.70 -0.13	28.51 1.80 -1.36	49.89 1.89 -23.76	88.70 1.78 -64.87	78.35 0.86 -67.08	58.77 0.80 -47.99	95.23 2.41 -60.91	90.01 1.53 -68.32	122.41 1.80 -97.37	80.16 2.02 -52.83	102.60 1.79 -78.46	132.30 8.47 -33.90	196.88 12.27 -49.59	321.25 27.37 4.29	152.97 14.57 1.31	139.25 11.98 0.09	152.02 11.56 -15.54	132.17 1.38 -114.09	75.41 1.19 -58.39	126.63 -0.01 -127.10
NEWTON___FALLS_HYD 23847	6.45 -0.08 0.00	-1.58 0.03 0.00	2.78 -0.03 0.00	10.77 -0.09 0.00	25.35 -0.09 0.00	25.24 -0.10 0.00	24.09 -0.14 0.00	21.87 -0.19 0.00	10.20 -0.21 0.00	9.80 -0.18 0.00	31.54 -0.38 0.00	20.12 -0.05 0.00	23.31 0.08 0.00	25.31 0.01 0.00	22.24 -0.10 0.00	89.31 -0.62 0.00	134.71 -0.32 0.00	299.63 1.46 0.00	140.01 0.29 0.00	127.18 -0.18 0.00	124.74 -0.18 0.00	16.63 -0.07 0.00	15.89 0.05 0.00	-0.47 0.00 0.00
NIAGARA_115E_LBMP 323715	9.36 -0.60 -3.43	3.60 0.15 -5.05	6.58 -0.28 -4.04	12.15 -1.14 -2.43	22.63 -2.84 -0.03	21.61 -2.75 0.98	25.84 -2.86 -4.47	29.71 -2.43 -10.09	12.18 -1.08 -2.86	12.50 -0.99 -3.50	37.14 -3.11 -8.33	25.88 -2.25 -7.96	18.02 -2.53 2.68	5.85 -2.72 16.74	9.25 -2.31 10.78	13.29 -9.82 66.82	13.32 -14.99 106.72	12.59 -32.86 252.71	19.93 -14.71 105.07	25.25 -12.67 89.44	10.87 -13.39 100.66	13.99 -1.76 0.95	15.53 -1.67 -1.36	13.28 0.05 -13.69
NIAGARA_115W_LBMP 323714	9.32 -0.65 -3.44	3.61 0.15 -5.07	6.58 -0.28 -4.05	12.17 -1.15 -2.46	22.73 -2.74 -0.03	21.37 -3.01 0.97	25.79 -2.93 -4.48	29.58 -2.61 -10.13	12.04 -1.25 -2.88	12.41 -1.11 -3.53	36.93 -3.36 -8.37	25.88 -2.48 -8.20	18.66 -2.85 1.73	5.62 -2.95 16.74	8.91 -2.67 10.77	13.52 -11.24 65.16	11.67 -17.07 106.30	8.14 -37.59 252.43	21.57 -17.18 100.96	32.31 -14.85 80.20	9.83 -15.35 99.74	14.38 -2.01 0.32	15.66 -1.88 -1.70	13.43 0.05 -13.84
NIAGARA_230_LBMP 323716	9.38 -0.55 -3.40	3.53 0.13 -5.01	6.57 -0.26 -4.01	12.26 -1.03 -2.43	22.98 -2.49 -0.03	21.77 -2.63 0.95	26.16 -2.52 -4.44	29.93 -2.22 -10.10	12.40 -1.09 -3.08	12.65 -0.96 -3.63	37.42 -2.87 -8.37	26.23 -2.15 -8.22	19.62 -2.49 1.13	6.61 -2.70 16.00	9.91 -2.33 10.11	17.35 -9.80 62.78	17.36 -14.92 102.75	13.57 -32.93 251.66	25.57 -14.74 99.40	38.20 -12.66 76.51	11.87 -13.41 99.63	14.69 -1.73 0.28	16.02 -1.64 -1.82	13.24 0.04 -13.66
NIAGARA____ 23760	9.35 -0.61 -3.43	3.61 0.16 -5.06	6.58 -0.27 -4.04	12.21 -1.09 -2.44	22.81 -2.66 -0.03	21.62 -2.76 0.96	25.92 -2.78 -4.46	29.73 -2.44 -10.11	12.27 -1.13 -3.00	12.55 -1.01 -3.58	37.17 -3.13 -8.38	26.07 -2.27 -8.18	19.14 -2.60 1.50	6.30 -2.76 16.25	9.57 -2.42 10.36	15.77 -10.21 63.94	15.25 -15.54 104.24	11.99 -34.18 251.99	23.57 -15.46 100.68	34.46 -13.31 79.58	11.12 -13.95 99.84	14.51 -1.82 0.37	15.86 -1.71 -1.74	13.32 0.05 -13.73



NINE_MILE_1 23575	7.66 -0.16 -1.29	0.33 0.04 -1.90	4.27 -0.07 -1.52	11.53 -0.30 -0.97	24.65 -0.80 -0.01	24.65 -0.80 -0.10	25.20 -0.72 -1.69	26.01 -0.65 -4.60	14.89 -0.28 -4.76	13.13 -0.26 -3.41	35.34 -0.89 -4.32	24.41 -0.60 -4.85	29.41 -0.73 -6.91	28.27 -0.79 -3.75	27.21 -0.71 -5.57	89.40 -2.94 -2.42	134.14 -4.42 -3.52	291.19 -9.77 -2.80	136.07 -4.50 -0.85	123.38 -4.05 -0.06	123.30 -4.12 -2.50	24.52 -0.51 -8.33	19.56 -0.47 -4.20	8.71 0.01 -9.16
NINE_MILE_2 23744	7.66 -0.16 -1.29	0.32 0.04 -1.89	4.26 -0.07 -1.52	11.52 -0.30 -0.97	24.65 -0.80 -0.01	24.65 -0.79 -0.10	25.21 -0.71 -1.68	26.00 -0.65 -4.59	14.88 -0.28 -4.75	13.12 -0.26 -3.40	35.34 -0.89 -4.31	24.40 -0.60 -4.84	29.40 -0.73 -6.90	28.27 -0.78 -3.74	27.20 -0.71 -5.56	89.40 -2.94 -2.42	134.13 -4.42 -3.52	291.23 -9.71 -2.78	136.07 -4.49 -0.85	123.37 -4.05 -0.06	123.31 -4.09 -2.49	24.50 -0.51 -8.32	19.55 -0.47 -4.19	8.69 0.01 -9.14
NM_CAPITAL___DRP 24208	34.09 0.45 -27.12	38.15 -0.11 -39.87	35.11 0.19 -32.10	32.05 0.76 -20.43	27.42 1.78 -0.20	29.14 1.76 -2.03	61.27 1.63 -35.41	120.16 1.44 -96.66	110.90 0.68 -99.81	82.03 0.64 -71.40	124.70 2.16 -90.62	123.17 1.35 -101.66	169.60 1.49 -144.88	105.51 1.59 -78.62	140.68 1.43 -116.91	146.52 5.69 -50.91	217.36 8.54 -73.79	312.84 17.72 3.05	147.17 8.39 0.93	135.19 7.90 0.07	157.61 8.07 -24.62	188.01 1.08 -170.23	104.02 1.10 -87.08	189.11 -0.03 -189.60
NM_CENTRAL___DRP 24181	8.26 -0.03 -1.77	1.00 0.01 -2.60	4.88 -0.02 -2.09	12.09 -0.10 -1.33	25.16 -0.30 -0.01	25.21 -0.27 -0.13	26.36 -0.18 -2.31	28.23 -0.12 -6.30	16.89 -0.04 -6.52	14.62 -0.03 -4.66	37.70 -0.14 -5.92	26.66 -0.14 -6.64	32.51 -0.19 -9.46	30.24 -0.20 -5.14	29.79 -0.19 -7.63	92.38 -0.85 -3.32	138.55 -1.30 -4.82	295.23 -2.94 0.00	138.44 -1.27 0.00	126.26 -1.11 0.00	125.36 -1.25 -1.70	27.69 -0.14 -11.12	21.37 -0.15 -5.68	11.91 0.00 -12.37
NM_FRONTIER___DRP 24179	9.32 -0.65 -3.44	3.61 0.15 -5.07	6.58 -0.28 -4.05	12.17 -1.15 -2.46	22.73 -2.74 -0.03	21.37 -3.01 0.97	25.79 -2.93 -4.48	29.58 -2.61 -10.13	12.04 -1.25 -2.88	12.41 -1.11 -3.53	36.93 -3.36 -8.37	25.88 -2.48 -8.20	18.66 -2.85 1.73	5.62 -2.95 16.74	8.91 -2.67 10.77	13.52 -11.24 65.16	11.67 -17.07 106.30	8.14 -37.59 252.43	21.57 -17.18 100.96	32.31 -14.85 80.20	9.83 -15.35 99.74	14.38 -2.01 0.32	15.66 -1.88 -1.70	13.43 0.05 -13.84
NM_ST_REGIS___HYD 24053	6.34 -0.19 0.00	-1.56 0.04 0.00	2.74 -0.07 0.00	10.61 -0.25 0.00	25.04 -0.40 0.00	24.89 -0.46 0.00	23.59 -0.64 0.00	21.40 -0.65 0.00	9.99 -0.42 0.00	9.56 -0.42 0.00	30.73 -1.18 0.00	19.65 -0.51 0.00	22.82 -0.41 0.00	24.76 -0.60 0.00	21.74 -0.60 0.00	87.60 -2.32 0.00	132.08 -2.96 0.00	294.22 -3.94 0.00	136.97 -2.74 0.00	124.23 -3.13 0.00	122.62 -2.30 0.00	16.33 -0.37 0.00	15.68 -0.16 0.00	-0.49 -0.02 0.00
NORTHPORT___1 23551	27.57 0.74 -20.30	28.10 -0.14 -29.85	27.11 0.27 -24.03	27.27 1.11 -15.29	28.40 2.81 -0.15	29.63 2.76 -1.52	53.52 2.78 -26.51	105.01 2.50 -80.46	219.48 1.22 -207.85	64.54 1.03 -53.53	103.28 3.42 -67.95	98.53 2.15 -76.22	137.31 2.72 -111.36	113.58 2.98 -85.29	112.79 2.53 -87.91	139.02 10.16 -38.94	204.20 13.86 -55.31	319.45 28.26 6.97	134.36 14.89 20.25	140.45 13.19 0.10	147.65 12.64 -10.09	145.75 1.72 -127.32	82.57 1.59 -65.14	141.33 -0.02 -141.82
NORTHPORT___2 23552	27.57 0.74 -20.30	28.10 -0.14 -29.85	27.11 0.27 -24.03	27.27 1.11 -15.29	28.40 2.81 -0.15	29.63 2.76 -1.52	53.52 2.78 -26.51	105.01 2.50 -80.46	219.48 1.22 -207.85	64.54 1.03 -53.53	103.28 3.42 -67.95	98.53 2.15 -76.22	137.31 2.72 -111.36	113.58 2.98 -85.29	112.79 2.53 -87.91	139.02 10.16 -38.94	204.20 13.86 -55.31	319.45 28.26 6.97	134.36 14.89 20.25	140.45 13.19 0.10	147.65 12.64 -10.09	145.75 1.72 -127.32	82.57 1.59 -65.14	141.33 -0.02 -141.82
NORTHPORT___3 23553	27.52 0.69 -20.30	28.10 -0.14 -29.85	27.10 0.25 -24.03	27.19 1.04 -15.29	28.19 2.60 -0.15	29.43 2.57 -1.52	53.33 2.59 -26.51	104.85 2.34 -80.46	219.40 1.14 -207.85	64.49 0.97 -53.53	103.19 3.33 -67.95	98.47 2.09 -76.22	137.21 2.62 -111.36	113.49 2.89 -85.29	112.72 2.47 -87.91	138.73 9.86 -38.94	203.62 13.27 -55.32	317.81 26.60 6.96	133.22 13.75 20.24	139.46 12.19 0.09	146.77 11.76 -10.10	145.61 1.59 -127.31	82.45 1.47 -65.14	141.33 -0.02 -141.82
NORTHPORT___4 23650	27.52 0.69 -20.30	28.10 -0.14 -29.85	27.10 0.25 -24.03	27.19 1.04 -15.29	28.19 2.60 -0.15	29.43 2.57 -1.52	53.33 2.59 -26.51	104.85 2.34 -80.46	219.40 1.14 -207.85	64.49 0.97 -53.53	103.19 3.33 -67.95	98.47 2.09 -76.22	137.21 2.62 -111.36	113.49 2.89 -85.29	112.72 2.47 -87.91	138.73 9.86 -38.94	203.62 13.27 -55.32	317.81 26.60 6.96	133.22 13.75 20.24	139.46 12.19 0.09	146.77 11.76 -10.10	145.61 1.59 -127.31	82.45 1.47 -65.14	141.33 -0.02 -141.82
NORTHPORT___IC 23718	27.57 0.74 -20.30	28.10 -0.14 -29.85	27.11 0.27 -24.03	27.27 1.11 -15.29	28.40 2.81 -0.15	29.63 2.76 -1.52	53.52 2.78 -26.51	105.01 2.50 -80.46	219.48 1.22 -207.85	64.54 1.03 -53.53	103.28 3.42 -67.95	98.53 2.15 -76.22	137.31 2.72 -111.36	113.58 2.98 -85.29	112.79 2.53 -87.91	139.02 10.16 -38.94	204.20 13.86 -55.31	319.45 28.26 6.97	134.36 14.89 20.25	140.45 13.19 0.10	147.65 12.64 -10.09	145.75 1.72 -127.32	82.57 1.59 -65.14	141.33 -0.02 -141.82
NPX_GEN_1385_PROXY 323591	27.63 0.80 -20.30	28.10 -0.13 -29.85	27.08 0.24 -24.03	27.33 1.17 -15.29	29.02 3.43 -0.15	29.98 3.11 -1.52	53.71 2.97 -26.51	105.01 2.50 -80.46	219.56 1.30 -207.85	70.36 1.03 -59.35	102.70 2.84 -67.95	98.20 1.82 -76.22	137.26 2.66 -111.36	113.52 2.93 -85.29	112.80 2.54 -87.91	139.96 11.10 -38.94	205.39 15.05 -55.31	320.73 29.54 6.97	134.78 15.32 20.25	140.84 13.58 0.10	148.01 13.00 -10.09	145.87 1.85 -127.32	82.62 1.64 -65.14	141.32 -0.03 -141.82
NPX_GEN_CSC 323557	27.69 0.86 -20.30	28.07 -0.17 -29.85	27.16 0.32 -24.03	27.41 1.26 -15.29	28.63 3.04 -0.15	29.95 3.08 -1.52	53.89 3.15 -26.51	105.34 2.83 -80.46	219.56 1.30 -207.85	70.45 1.12 -59.35	103.79 3.93 -67.95	98.89 2.51 -76.22	137.68 3.09 -111.36	113.98 3.38 -85.29	113.18 2.92 -87.91	140.67 11.81 -38.94	206.09 15.74 -55.32	326.04 31.93 4.06	156.53 18.05 1.24	143.36 16.08 0.09	157.94 15.36 -17.66	146.12 2.09 -127.32	82.95 1.97 -65.14	141.33 -0.02 -141.82
NSINS_S_GLNS_FALLS 23858	36.02 0.58 -28.91	40.75 -0.15 -42.51	37.28 0.24 -34.22	33.60 0.96 -21.78	27.96 2.31 -0.21	30.02 2.51 -2.17	64.67 2.68 -37.75	127.61 2.53 -103.04	117.84 1.19 -106.24	87.09 1.10 -76.00	131.87 3.49 -96.46	130.55 2.18 -108.21	179.96 2.51 -154.22	111.68 2.69 -83.68	149.22 2.45 -124.43	154.28 10.19 -54.16	229.81 16.22 -78.55	331.30 35.95 2.82	155.07 16.22 0.86	142.42 15.12 0.06	166.00 14.68 -26.41	199.99 1.83 -181.46	110.31 1.62 -92.85	201.65 -0.05 -202.17
NUCOR_STEEL___DRP 24197	9.08 0.06 -2.50	2.05 -0.01 -3.67	5.78 0.02 -2.96	12.80 0.06 -1.88	25.43 -0.04 -0.02	25.62 0.08 -0.19	27.72 0.23 -3.26	31.19 0.24 -8.90	19.75 0.14 -9.20	16.69 0.13 -6.58	40.65 0.38 -8.36	30.90 0.07 -10.67	36.72 0.13 -13.36	32.76 0.20 -7.25	33.25 0.13 -10.77	95.25 0.64 -4.68	142.74 0.90 -6.81	304.50 2.47 -3.87	141.60 0.70 -1.18	128.58 1.13 -0.08	129.49 0.43 -4.14	33.41 0.07 -16.64	24.46 0.06 -8.57	17.19 0.01 -17.65



NYISO_LBMP_REFERENCE 24008	6.53 0.00 0.00	-1.61 0.00 0.00	2.81 0.00 0.00	10.86 0.00 0.00	25.44 0.00 0.00	25.34 0.00 0.00	24.24 0.00 0.00	22.05 0.00 0.00	10.41 0.00 0.00	9.98 0.00 0.00	31.92 0.00 0.00	20.16 0.00 0.00	23.23 0.00 0.00	25.31 0.00 0.00	22.35 0.00 0.00	89.92 0.00 0.00	135.03 0.00 0.00	298.17 0.00 0.00	139.71 0.00 0.00	127.36 0.00 0.00	124.91 0.00 0.00	16.70 0.00 0.00	15.84 0.00 0.00	-0.46 0.00 0.00
NYPA_BRENTWD____GT 24164	27.63 0.80 -20.30	28.08 -0.16 -29.85	27.14 0.30 -24.03	27.36 1.20 -15.29	28.57 2.98 -0.15	29.87 3.00 -1.52	53.80 3.06 -26.51	105.29 2.79 -80.46	219.60 1.34 -207.85	64.68 1.17 -53.53	103.76 3.90 -67.95	98.83 2.45 -76.22	137.64 3.04 -111.36	113.95 3.36 -85.29	113.14 2.88 -87.91	140.54 11.68 -38.94	206.66 16.31 -55.32	328.21 34.10 4.06	155.99 17.52 1.24	142.86 15.59 0.09	157.47 14.89 -17.66	146.04 2.02 -127.32	82.82 1.84 -65.14	141.33 -0.03 -141.82
NYPA_GOWANUS____GT5 24156	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.51 2.11 -72.35	86.28 1.04 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.57 2.19 -76.21	134.45 2.61 -108.61	87.14 2.90 -58.94	112.77 2.52 -87.90	138.88 10.03 -38.93	205.04 14.69 -55.31	323.08 28.97 4.06	152.92 14.45 1.24	140.46 13.19 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
NYPA_GOWANUS____GT6 24157	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.51 2.11 -72.35	86.28 1.04 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.57 2.19 -76.21	134.45 2.61 -108.61	87.14 2.90 -58.94	112.77 2.52 -87.90	138.88 10.03 -38.93	205.04 14.69 -55.31	323.08 28.97 4.06	152.92 14.45 1.24	140.46 13.19 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80
NYPA_HARLEM__RVR__GT1 24160	27.37 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.85 -15.29	27.68 2.09 -0.15	29.11 2.24 -1.52	53.02 2.29 -26.50	96.46 2.06 -72.35	86.25 1.02 -74.82	64.50 0.99 -53.53	103.14 3.29 -67.94	98.45 2.08 -76.21	134.27 2.42 -108.61	86.97 2.73 -58.94	112.60 2.35 -87.90	138.16 9.32 -38.92	203.99 13.64 -55.31	321.06 26.95 4.06	151.89 13.41 1.24	139.68 12.41 0.09	154.88 12.30 -17.67	145.67 1.66 -127.31	82.57 1.59 -65.14	141.32 -0.01 -141.80
NYPA_HARLEM__RVR__GT2 24161	27.37 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.85 -15.29	27.68 2.09 -0.15	29.11 2.24 -1.52	53.02 2.29 -26.50	96.46 2.06 -72.35	86.25 1.02 -74.82	64.50 0.99 -53.53	103.14 3.29 -67.94	98.45 2.08 -76.21	134.27 2.42 -108.61	86.97 2.73 -58.94	112.60 2.35 -87.90	138.16 9.32 -38.92	203.99 13.64 -55.31	321.06 26.95 4.06	151.89 13.41 1.24	139.68 12.41 0.09	154.88 12.30 -17.67	145.67 1.66 -127.31	82.57 1.59 -65.14	141.32 -0.01 -141.80
NYPA_KENT____GT 24152	27.40 0.57 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.16 -0.15	29.14 2.27 -1.52	53.06 2.32 -26.50	96.50 2.10 -72.35	86.27 1.04 -74.82	64.54 1.03 -53.53	103.30 3.44 -67.94	98.56 2.18 -76.21	134.42 2.57 -108.61	87.11 2.87 -58.94	112.74 2.50 -87.90	138.79 9.93 -38.93	204.84 14.49 -55.31	322.79 28.68 4.06	152.77 14.29 1.23	140.32 13.05 0.09	155.75 13.17 -17.67	147.34 1.77 -128.87	82.66 1.68 -65.14	141.32 -0.01 -141.80
NYPA_POUCH1____GT 24155	27.38 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.85 -15.29	27.65 2.06 -0.15	29.10 2.23 -1.52	53.00 2.26 -26.50	96.42 2.02 -72.35	86.24 1.01 -74.82	64.52 1.01 -53.53	103.24 3.39 -67.94	98.49 2.12 -76.21	134.39 2.54 -108.61	87.07 2.83 -58.94	112.70 2.45 -87.90	138.49 9.63 -38.93	204.40 14.06 -55.31	321.70 27.60 4.06	152.29 13.81 1.24	139.90 12.62 0.09	155.53 12.95 -17.67	147.17 1.74 -128.73	82.64 1.66 -65.14	141.32 -0.01 -141.80
NYPA_VERNON____GT2 24162	27.40 0.57 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.04 0.89 -15.29	27.74 2.15 -0.15	29.12 2.25 -1.52	53.04 2.30 -26.50	96.48 2.08 -72.35	86.26 1.02 -74.82	64.53 1.02 -53.53	103.25 3.39 -67.94	98.53 2.16 -76.21	134.38 2.54 -108.61	87.08 2.83 -58.94	112.71 2.47 -87.90	138.69 9.83 -38.93	204.79 14.44 -55.31	322.77 28.66 4.06	152.73 14.25 1.23	140.27 12.99 0.09	155.54 12.96 -17.67	147.46 1.75 -129.01	82.64 1.66 -65.15	141.32 -0.01 -141.80
NYPA_VERNON____GT3 24163	27.40 0.57 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.04 0.89 -15.29	27.74 2.15 -0.15	29.12 2.25 -1.52	53.04 2.30 -26.50	96.48 2.08 -72.35	86.26 1.02 -74.82	64.53 1.02 -53.53	103.25 3.39 -67.94	98.53 2.16 -76.21	134.38 2.54 -108.61	87.08 2.83 -58.94	112.71 2.47 -87.90	138.69 9.83 -38.93	204.79 14.44 -55.31	322.77 28.66 4.06	152.73 14.25 1.23	140.27 12.99 0.09	155.54 12.96 -17.67	147.46 1.75 -129.01	82.64 1.66 -65.15	141.32 -0.01 -141.80
NYPA__ASTORIA_CC1 323568	27.39 0.56 -20.30	28.11 -0.12 -29.84	27.06 0.22 -24.02	27.04 0.89 -15.29	27.72 2.13 -0.15	29.09 2.23 -1.52	53.01 2.27 -26.50	96.46 2.06 -72.35	86.25 1.02 -74.82	64.52 1.01 -53.53	103.20 3.35 -67.94	98.51 2.14 -76.21	134.34 2.50 -108.61	87.03 2.79 -58.94	112.69 2.44 -87.90	138.56 9.70 -38.93	204.59 14.25 -55.31	322.38 28.28 4.06	152.56 14.08 1.24	140.14 12.86 0.09	155.39 12.81 -17.67	147.16 1.73 -128.73	82.62 1.64 -65.14	141.32 -0.01 -141.80
NYPA__ASTORIA_CC2 323569	27.39 0.56 -20.30	28.11 -0.12 -29.84	27.06 0.22 -24.02	27.04 0.89 -15.29	27.72 2.13 -0.15	29.09 2.23 -1.52	53.01 2.27 -26.50	96.46 2.06 -72.35	86.25 1.02 -74.82	64.52 1.01 -53.53	103.20 3.35 -67.94	98.51 2.14 -76.21	134.34 2.50 -108.61	87.03 2.79 -58.94	112.69 2.44 -87.90	138.56 9.70 -38.93	204.59 14.25 -55.31	322.38 28.28 4.06	152.56 14.08 1.24	140.14 12.86 0.09	155.39 12.81 -17.67	147.16 1.73 -128.73	82.62 1.64 -65.14	141.32 -0.01 -141.80
NYPA__HOLTSVILL 23794	27.62 0.79 -20.30	28.09 -0.16 -29.85	27.13 0.29 -24.03	27.32 1.17 -15.29	28.44 2.85 -0.15	29.73 2.86 -1.52	53.65 2.91 -26.51	105.12 2.61 -80.46	219.48 1.22 -207.85	64.57 1.05 -53.53	103.52 3.66 -67.95	98.73 2.35 -76.22	137.51 2.92 -111.36	113.78 3.18 -85.29	112.98 2.73 -87.91	139.82 10.97 -38.94	205.07 14.72 -55.32	323.89 29.78 4.06	154.69 16.22 1.24	141.67 14.39 0.09	156.37 13.80 -17.66	145.90 1.87 -127.32	82.74 1.76 -65.14	141.33 -0.02 -141.82
NYPA__HELLGATE_GT1 24158	27.37 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.85 -15.29	27.68 2.09 -0.15	29.11 2.24 -1.52	53.02 2.29 -26.50	96.46 2.06 -72.35	86.25 1.02 -74.82	64.50 0.99 -53.53	103.14 3.29 -67.94	98.45 2.08 -76.21	134.27 2.42 -108.61	86.97 2.73 -58.94	112.60 2.35 -87.90	138.16 9.32 -38.92	203.99 13.64 -55.31	321.06 26.95 4.06	151.89 13.41 1.24	139.68 12.41 0.09	154.88 12.30 -17.67	145.67 1.66 -127.31	82.57 1.59 -65.14	141.32 -0.01 -141.80
NYPA__HELLGATE_GT2 24159	27.37 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.85 -15.29	27.68 2.09 -0.15	29.11 2.24 -1.52	53.02 2.29 -26.50	96.46 2.06 -72.35	86.25 1.02 -74.82	64.50 0.99 -53.53	103.14 3.29 -67.94	98.45 2.08 -76.21	134.27 2.42 -108.61	86.97 2.73 -58.94	112.60 2.35 -87.90	138.16 9.32 -38.92	203.99 13.64 -55.31	321.06 26.95 4.06	151.89 13.41 1.24	139.68 12.41 0.09	154.88 12.30 -17.67	145.67 1.66 -127.31	82.57 1.59 -65.14	141.32 -0.01 -141.80



NYS_BARGE___HYD 23848	9.34 -0.49 -3.31	3.38 0.12 -4.87	6.47 -0.23 -3.89	12.21 -0.95 -2.30	23.13 -2.34 -0.02	21.82 -2.24 1.28	26.29 -2.26 -4.33	29.19 -1.92 -9.05	9.07 -0.87 0.47	10.76 -0.78 -1.56	36.53 -2.40 -7.02	25.67 -1.83 -7.34	12.33 -2.06 8.85	-1.89 -2.23 24.97	1.61 -1.88 18.85	-5.53 -8.00 87.45	-18.20 -12.22 141.02	2.83 -26.46 268.88	12.61 -11.82 115.28	9.46 -10.09 107.81	9.37 -10.91 104.63	12.27 -1.43 3.00	14.15 -1.38 0.30	12.11 0.04 -12.53
OAK_ORCHARD___HYD 24046	8.89 -0.13 -2.50	2.09 0.03 -3.67	5.70 -0.07 -2.96	12.48 -0.30 -1.92	24.71 -0.75 -0.02	25.12 -0.73 -0.51	26.95 -0.56 -3.28	31.25 -0.42 -9.61	22.52 -0.20 -12.31	18.17 -0.16 -8.35	40.92 -0.38 -9.39	27.88 -0.43 -8.14	42.40 -0.52 -19.69	40.32 -0.59 -15.59	40.64 -0.51 -18.80	114.54 -2.32 -26.94	174.44 -3.38 -42.80	327.26 -6.81 -35.90	155.13 -2.89 -18.31	148.80 -2.42 -23.87	137.17 -3.05 -15.31	34.39 -0.37 -18.06	24.72 -0.40 -9.28	18.38 0.01 -18.84
OCC_CHEM___DRP 24175	9.35 -0.63 -3.45	3.61 0.15 -5.07	6.59 -0.27 -4.06	12.20 -1.12 -2.46	22.80 -2.66 -0.03	21.45 -2.92 0.97	25.89 -2.83 -4.48	29.67 -2.52 -10.13	12.06 -1.22 -2.86	12.43 -1.07 -3.52	37.05 -3.23 -8.37	25.95 -2.40 -8.19	18.67 -2.76 1.80	5.60 -2.88 16.83	8.91 -2.58 10.85	13.56 -10.91 65.45	11.75 -16.56 106.73	9.17 -36.47 252.52	21.97 -16.59 101.16	32.37 -14.33 80.66	10.31 -14.85 99.76	14.44 -1.94 0.33	15.70 -1.83 -1.69	13.45 0.05 -13.87
OH_GEN_PROXY 24063	9.42 -0.53 -3.42	3.55 0.12 -5.04	6.59 -0.25 -4.03	12.30 -1.01 -2.45	23.06 -2.40 -0.03	21.89 -2.54 0.92	26.25 -2.44 -4.46	30.12 -2.16 -10.22	12.79 -1.05 -3.44	18.70 -0.93 -9.65	37.64 -2.79 -8.52	26.40 -2.10 -8.33	20.36 -2.41 0.46	7.53 -2.63 15.14	10.82 -2.26 9.26	19.78 -9.53 60.62	21.31 -14.53 99.20	18.22 -32.19 247.75	27.71 -14.39 97.60	40.58 -12.34 74.44	13.67 -13.05 98.20	15.16 -1.68 -0.14	16.29 -1.60 -2.05	13.49 0.04 -13.91
OLIN_CORP_DRP 24177	9.43 -0.58 -3.48	3.66 0.15 -5.12	6.64 -0.27 -4.10	12.23 -1.10 -2.48	22.76 -2.71 -0.03	21.82 -2.68 0.85	26.03 -2.73 -4.52	30.02 -2.34 -10.31	12.55 -1.06 -3.20	12.74 -0.96 -3.72	37.47 -2.99 -8.53	26.11 -2.19 -8.14	18.94 -2.47 1.81	6.54 -2.67 16.09	9.97 -2.28 10.10	15.40 -9.64 64.87	16.11 -14.72 104.20	14.61 -32.35 251.21	21.53 -14.49 103.69	27.97 -12.45 86.94	11.65 -13.24 100.03	14.38 -1.73 0.60	15.75 -1.64 -1.55	13.51 0.05 -13.93
OLIN_CORP_DSASP 323712	9.35 -0.63 -3.45	3.61 0.15 -5.07	6.59 -0.27 -4.06	12.20 -1.12 -2.46	22.80 -2.66 -0.03	21.45 -2.92 0.97	25.89 -2.83 -4.48	29.67 -2.52 -10.13	12.06 -1.22 -2.86	12.43 -1.07 -3.52	37.05 -3.23 -8.37	25.95 -2.40 -8.19	18.67 -2.76 1.80	5.60 -2.88 16.83	8.91 -2.58 10.85	13.56 -10.91 65.45	11.75 -16.56 106.73	9.17 -36.47 252.52	21.97 -16.59 101.16	32.37 -14.33 80.66	10.31 -14.85 99.76	14.44 -1.94 0.33	15.70 -1.83 -1.69	13.45 0.05 -13.87
ONEIDA_HERK_LFGE 323681	6.67 0.14 0.00	-1.64 -0.03 0.00	2.87 0.06 0.00	11.11 0.25 0.00	26.12 0.67 0.00	26.08 0.73 0.00	25.06 0.83 0.00	22.84 0.79 0.00	10.75 0.34 0.00	10.32 0.33 0.00	32.99 1.07 0.00	20.83 0.67 0.00	24.05 0.82 0.00	26.17 0.87 0.00	23.09 0.75 0.00	92.97 3.05 0.00	140.02 4.98 0.00	309.89 11.72 0.00	145.17 5.46 0.00	132.18 4.82 0.00	129.39 4.48 0.00	17.26 0.55 0.00	16.31 0.47 0.00	-0.47 -0.01 0.00
ONONDAGA_REF_OCCRA 23987	8.76 0.01 -2.22	1.66 0.00 -3.27	5.44 0.00 -2.63	12.51 -0.02 -1.68	25.35 -0.11 -0.02	25.44 -0.07 -0.17	27.15 0.01 -2.90	30.03 0.06 -7.92	18.65 0.05 -8.20	15.90 0.05 -5.86	39.47 0.11 -7.44	29.44 0.01 -9.27	35.14 0.00 -11.90	31.77 0.01 -6.46	31.94 0.00 -9.60	94.03 -0.06 -4.17	141.02 -0.08 -6.07	298.02 -0.14 0.00	139.75 0.04 0.00	127.44 0.08 0.00	126.97 -0.09 -2.14	31.16 0.01 -14.45	23.30 -0.02 -7.49	15.10 0.00 -15.56
ONONDAGA___COGEN 23986	8.60 0.00 -2.07	1.44 0.00 -3.05	5.26 0.00 -2.46	12.38 -0.04 -1.56	25.31 -0.15 -0.02	25.40 -0.10 -0.16	26.92 -0.03 -2.71	29.46 0.01 -7.40	18.09 0.02 -7.65	15.49 0.03 -5.47	38.89 0.02 -6.95	27.91 -0.05 -7.80	34.29 -0.05 -11.11	31.28 -0.05 -6.03	31.25 -0.06 -8.96	93.55 -0.27 -3.89	140.32 -0.37 -5.66	300.61 -0.75 -3.20	140.39 -0.30 -0.98	127.21 -0.22 -0.07	127.91 -0.44 -3.43	29.96 -0.04 -13.30	22.50 -0.06 -6.72	14.21 0.00 -14.67
ONTARIO___LFGE 23819	9.50 -0.02 -2.99	2.80 0.01 -4.40	6.34 -0.02 -3.54	13.05 -0.06 -2.26	25.30 -0.16 -0.02	25.50 -0.08 -0.23	28.21 0.07 -3.91	32.88 0.17 -10.66	21.51 0.08 -11.02	17.94 0.08 -7.89	42.04 0.12 -10.01	27.40 -0.05 -7.29	39.24 0.00 -16.00	34.02 0.03 -8.68	35.27 0.02 -12.91	95.35 -0.18 -5.61	143.36 0.17 -8.15	306.84 0.32 -8.36	142.45 0.18 -2.56	127.69 0.15 -0.18	131.47 -0.07 -6.63	34.15 -0.02 -17.47	24.04 -0.08 -8.29	20.85 0.01 -21.31
ORANGEVILLE_WT_PWR 323706	10.22 -0.45 -4.14	4.60 0.12 -6.09	7.49 -0.20 -4.88	13.11 -0.77 -3.03	23.61 -1.87 -0.03	23.10 -1.96 0.29	27.49 -2.02 -5.28	33.09 -1.73 -12.77	17.28 -0.84 -7.71	15.82 -0.74 -6.58	40.85 -2.22 -11.15	27.79 -1.74 -9.37	28.16 -1.92 -6.86	15.56 -2.11 7.64	19.35 -1.81 1.18	38.23 -7.38 44.31	51.56 -10.87 72.60	284.90 -25.52 -12.25	114.07 -11.86 13.78	62.52 -10.36 54.48	130.97 -10.74 -16.79	38.03 -1.42 -22.75	22.84 -1.36 -8.36	29.06 0.03 -29.49
ORANGEVILLE___ESR 323794	10.22 -0.45 -4.14	4.60 0.12 -6.09	7.49 -0.20 -4.88	13.11 -0.77 -3.03	23.61 -1.87 -0.03	23.10 -1.96 0.29	27.49 -2.02 -5.28	33.09 -1.73 -12.77	17.28 -0.84 -7.71	15.82 -0.74 -6.58	40.85 -2.22 -11.15	27.79 -1.74 -9.37	28.16 -1.92 -6.86	15.56 -2.11 7.64	19.35 -1.81 1.18	38.23 -7.38 44.31	51.56 -10.87 72.60	284.90 -25.52 -12.25	114.07 -11.86 13.78	62.52 -10.36 54.48	130.97 -10.74 -16.79	38.03 -1.42 -22.75	22.84 -1.36 -8.36	29.06 0.03 -29.49
OSWEGATCHIE___HYD 24044	6.45 -0.08 0.00	-1.58 0.03 0.00	2.78 -0.03 0.00	10.77 -0.09 0.00	25.35 -0.09 0.00	25.24 -0.10 0.00	24.09 -0.14 0.00	21.87 -0.19 0.00	10.20 -0.21 0.00	9.80 -0.18 0.00	31.54 -0.38 0.00	20.12 -0.05 0.00	23.31 0.08 0.00	25.31 0.01 0.00	22.24 -0.10 0.00	89.31 -0.62 0.00	134.71 -0.32 0.00	299.63 1.46 0.00	140.01 0.29 0.00	127.18 -0.18 0.00	124.74 -0.18 0.00	16.63 -0.07 0.00	15.89 0.05 0.00	-0.47 0.00 0.00
OSWEGO___5 23606	7.89 -0.12 -1.48	0.60 0.03 -2.18	4.51 -0.06 -1.76	11.75 -0.23 -1.12	24.83 -0.62 -0.01	24.86 -0.60 -0.11	25.64 -0.53 -1.94	26.87 -0.47 -5.29	15.68 -0.20 -5.47	13.71 -0.18 -3.91	36.24 -0.64 -4.97	25.30 -0.44 -5.57	30.64 -0.54 -7.94	29.04 -0.58 -4.31	28.23 -0.52 -6.41	90.51 -2.20 -2.78	135.83 -3.25 -4.05	290.97 -7.20 0.00	136.39 -3.32 0.00	124.38 -2.98 0.00	123.28 -3.06 -1.43	25.66 -0.38 -9.34	20.25 -0.35 -4.77	9.93 0.01 -10.39
OSWEGO___6 23613	7.89 -0.12 -1.48	0.60 0.03 -2.18	4.51 -0.06 -1.76	11.75 -0.23 -1.12	24.83 -0.62 -0.01	24.86 -0.60 -0.11	25.64 -0.53 -1.94	26.87 -0.47 -5.29	15.68 -0.20 -5.47	13.71 -0.18 -3.91	36.24 -0.64 -4.97	25.30 -0.44 -5.57	30.64 -0.54 -7.94	29.04 -0.58 -4.31	28.23 -0.52 -6.41	90.51 -2.20 -2.78	135.83 -3.25 -4.05	290.97 -7.20 0.00	136.39 -3.32 0.00	124.38 -2.98 0.00	123.28 -3.06 -1.43	25.66 -0.38 -9.34	20.25 -0.35 -4.77	9.93 0.01 -10.39



OUTOKUMPU-AB___DRP 24206	9.58 -0.45 -3.50	3.65 0.11 -5.15	6.72 -0.21 -4.12	12.50 -0.85 -2.49	23.42 -2.05 -0.03	22.21 -2.13 1.01	26.70 -2.07 -4.53	30.40 -1.79 -10.14	11.95 -0.86 -2.40	12.52 -0.74 -3.28	38.00 -2.21 -8.30	26.53 -1.75 -8.12	18.22 -1.98 3.03	4.87 -2.10 18.33	8.29 -1.82 12.24	12.01 -7.80 70.12	9.48 -11.80 113.76	17.80 -25.91 254.45	23.91 -11.66 104.15	29.97 -9.96 87.43	14.20 -10.58 100.14	14.81 -1.39 0.50	15.91 -1.35 -1.42	13.66 0.03 -14.09
OXBOW____ 24026	9.47 -0.53 -3.47	3.62 0.12 -5.11	6.66 -0.24 -4.09	12.37 -0.96 -2.47	23.16 -2.31 -0.03	21.88 -2.48 0.99	26.34 -2.40 -4.51	30.08 -2.11 -10.14	12.02 -1.01 -2.63	12.50 -0.88 -3.40	37.60 -2.65 -8.33	26.29 -2.03 -8.16	18.49 -2.32 2.42	5.29 -2.43 17.59	8.64 -2.15 11.55	12.97 -9.15 67.81	10.93 -13.82 110.28	14.30 -30.37 253.50	23.28 -13.76 102.67	31.46 -11.82 84.08	12.54 -12.42 99.95	14.66 -1.63 0.42	15.83 -1.56 -1.55	13.56 0.04 -13.98
OXY_CHEM_DSASP 323612	9.35 -0.63 -3.45	3.61 0.15 -5.07	6.59 -0.27 -4.06	12.20 -1.12 -2.46	22.80 -2.66 -0.03	21.45 -2.92 0.97	25.89 -2.83 -4.48	29.67 -2.52 -10.13	12.06 -1.22 -2.86	12.43 -1.07 -3.52	37.05 -3.23 -8.37	25.95 -2.40 -8.19	18.67 -2.76 1.80	5.60 -2.88 16.83	8.91 -2.58 10.85	13.56 -10.91 65.45	11.75 -16.56 106.73	9.17 -36.47 252.52	21.97 -16.59 101.16	32.37 -14.33 80.66	10.31 -14.85 99.76	14.44 -1.94 0.33	15.70 -1.83 -1.69	13.45 0.05 -13.87
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	9.35 -0.63 -3.45	3.61 0.15 -5.07	6.59 -0.27 -4.06	12.20 -1.12 -2.46	22.80 -2.66 -0.03	21.45 -2.92 0.97	25.89 -2.83 -4.48	29.67 -2.52 -10.13	12.06 -1.22 -2.86	12.43 -1.07 -3.52	37.05 -3.23 -8.37	25.95 -2.40 -8.19	18.67 -2.76 1.80	5.60 -2.88 16.83	8.91 -2.58 10.85	13.56 -10.91 65.45	11.75 -16.56 106.73	9.17 -36.47 252.52	21.97 -16.59 101.16	32.37 -14.33 80.66	10.31 -14.85 99.76	14.44 -1.94 0.33	15.70 -1.83 -1.69	13.45 0.05 -13.87
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	27.37 0.55 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.85 -15.29	27.63 2.04 -0.15	29.04 2.17 -1.52	52.95 2.21 -26.50	96.41 2.01 -72.35	86.23 1.00 -74.82	64.48 0.98 -53.53	103.05 3.20 -67.94	98.40 2.03 -76.21	134.23 2.39 -108.61	86.93 2.68 -58.94	112.57 2.33 -87.90	138.06 9.21 -38.92	203.90 13.56 -55.31	320.95 26.84 4.06	151.84 13.37 1.24	139.60 12.33 0.09	154.80 12.22 -17.67	145.66 1.65 -127.31	82.53 1.55 -65.14	141.33 -0.01 -141.80
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	27.49 0.66 -20.30	28.08 -0.16 -29.84	27.09 0.25 -24.02	27.22 1.07 -15.29	28.33 2.75 -0.15	29.66 2.79 -1.52	53.64 2.90 -26.50	97.03 2.63 -72.35	86.50 1.27 -74.82	64.73 1.22 -53.53	103.72 3.87 -67.94	98.81 2.44 -76.21	134.72 2.88 -108.61	87.46 3.21 -58.94	113.05 2.81 -87.90	138.71 9.87 -38.92	205.88 15.54 -55.31	326.75 32.64 4.06	154.55 16.07 1.24	142.10 14.83 0.09	157.20 14.62 -17.67	145.93 1.92 -127.31	82.70 1.73 -65.14	141.32 -0.02 -141.80
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	10.04 -0.31 -3.82	4.09 0.08 -5.62	7.16 -0.15 -4.50	12.99 -0.62 -2.75	23.99 -1.48 -0.03	23.11 -1.51 0.73	27.64 -1.50 -4.91	32.37 -1.26 -11.58	15.04 -0.64 -5.27	14.51 -0.55 -5.07	40.13 -1.65 -9.85	27.83 -1.39 -9.06	23.94 -1.51 -2.22	11.09 -1.64 12.58	14.69 -1.36 6.29	27.61 -5.85 56.47	34.29 -8.98 91.77	42.65 -21.10 234.42	36.44 -9.43 93.84	45.74 -7.89 73.72	23.95 -8.18 92.79	18.41 -1.12 -2.84	17.95 -1.13 -3.25	16.33 0.02 -16.78
PAWLING_115_KV_BK3_REV_LBMP_H 345028	27.73 0.57 -20.63	28.59 -0.13 -30.33	27.46 0.23 -24.42	27.32 0.92 -15.54	27.83 2.24 -0.15	29.23 2.34 -1.54	53.56 2.39 -26.94	97.81 2.23 -73.53	87.53 1.08 -76.04	65.42 1.04 -54.40	104.34 3.38 -69.04	99.74 2.13 -77.45	136.10 2.49 -110.38	87.96 2.76 -59.89	113.91 2.43 -89.14	138.61 9.68 -39.01	205.86 14.62 -56.21	324.63 30.49 4.02	153.37 14.89 1.23	140.91 13.63 0.09	156.30 13.39 -18.00	147.86 1.77 -129.39	83.67 1.64 -66.20	143.63 -0.02 -144.11
PEEKSKILL____ 23653	27.10 0.48 -20.09	27.83 -0.11 -29.54	26.79 0.19 -23.78	26.76 0.76 -15.14	27.46 1.87 -0.15	28.80 1.95 -1.50	52.47 1.99 -26.24	95.50 1.83 -71.62	85.37 0.89 -74.07	63.83 0.86 -52.99	102.00 2.83 -67.25	97.39 1.79 -75.44	132.86 2.11 -107.52	85.99 2.34 -58.34	111.45 2.05 -87.06	136.68 8.08 -38.68	201.81 12.03 -54.75	318.23 24.14 4.08	150.37 11.91 1.25	138.12 10.84 0.09	153.18 10.82 -17.45	144.17 1.45 -126.01	81.66 1.35 -64.48	139.89 -0.01 -140.36
PGE MADISON___WINDPWR 24146	13.35 0.42 -6.39	7.69 -0.10 -9.40	10.55 0.17 -7.56	16.34 0.68 -4.80	27.24 1.75 -0.05	27.66 1.97 -0.35	34.73 2.15 -8.34	46.68 2.13 -22.50	33.73 0.99 -22.33	27.05 0.92 -16.15	55.60 2.72 -20.97	50.26 1.54 -28.56	56.77 1.83 -31.70	42.63 2.02 -15.30	48.52 1.73 -24.44	100.64 7.38 -3.33	151.06 12.55 -3.48	308.89 28.90 18.18	144.58 13.31 8.45	129.87 11.96 9.46	135.74 11.63 0.80	59.15 1.46 -40.99	38.47 1.14 -21.49	43.47 -0.05 -43.98
PIERCEFIELD___HYD 23852	6.33 -0.20 0.00	-1.56 0.05 0.00	2.73 -0.08 0.00	10.58 -0.28 0.00	24.90 -0.55 0.00	24.67 -0.67 0.00	23.31 -0.92 0.00	21.09 -0.96 0.00	9.82 -0.59 0.00	9.46 -0.52 0.00	30.52 -1.39 0.00	19.58 -0.59 0.00	22.73 -0.51 0.00	24.67 -0.63 0.00	21.63 -0.71 0.00	86.71 -3.21 0.00	130.65 -4.38 0.00	290.87 -7.30 0.00	135.53 -4.18 0.00	123.07 -4.29 0.00	121.22 -3.69 0.00	16.14 -0.56 0.00	15.57 -0.26 0.00	-0.48 -0.01 0.00
PINELAWN_CC_1 323563	27.58 0.75 -20.30	28.09 -0.15 -29.85	27.12 0.28 -24.03	27.29 1.13 -15.29	28.37 2.78 -0.15	29.68 2.82 -1.52	53.63 2.89 -26.51	105.13 2.62 -80.46	219.52 1.26 -207.85	64.62 1.10 -53.53	103.59 3.73 -67.95	98.72 2.33 -76.22	137.47 2.88 -111.36	113.80 3.20 -85.29	113.01 2.76 -87.91	140.05 11.19 -38.94	206.05 15.70 -55.32	326.65 32.54 4.06	155.14 16.67 1.24	142.13 14.85 0.09	156.84 14.26 -17.66	145.95 1.93 -127.32	82.76 1.78 -65.14	141.33 -0.02 -141.82
PJM_GEN_HTP_PROXY 323702	27.35 0.53 -20.29	31.00 -0.11 -32.72	29.92 0.21 -26.90	29.12 0.82 -17.44	27.59 2.00 -0.15	28.94 2.08 -1.52	52.87 2.13 -26.50	96.33 1.94 -72.34	86.17 0.95 -74.81	64.44 0.94 -53.52	102.98 3.14 -67.92	98.37 2.01 -76.19	134.19 2.37 -108.59	86.87 2.64 -58.92	112.54 2.32 -87.88	138.16 9.30 -38.93	203.97 13.63 -55.30	321.09 26.99 4.06	140.60 13.29 12.39	139.42 12.15 0.09	154.70 12.13 -17.66	145.62 1.63 -127.29	82.51 1.55 -65.13	141.31 -0.01 -141.78
PJM_GEN_KEystone 24065	19.22 0.06 -12.63	19.85 0.00 -21.46	20.65 0.01 -17.83	22.52 0.04 -11.62	25.65 0.11 -0.09	26.04 0.14 -0.55	40.89 0.18 -16.48	66.54 0.20 -44.29	53.77 0.08 -43.27	41.53 0.10 -31.44	73.52 0.41 -41.20	65.23 0.08 -44.99	82.42 0.19 -59.00	53.30 0.24 -27.75	68.33 0.22 -45.76	89.93 0.77 0.76	132.02 1.05 4.07	214.33 -0.18 83.66	95.34 0.37 44.74	101.07 0.61 26.89	103.67 0.80 22.04	88.45 0.09 -71.65	53.01 0.04 -37.13	84.45 0.01 -84.91
PJM_GEN_NEPTUNE_PROXY 323594	27.49 0.66 -20.30	30.99 -0.13 -32.73	29.96 0.24 -26.91	29.30 1.00 -17.44	28.06 2.47 -0.15	29.35 2.49 -1.52	53.29 2.55 -26.51	104.82 2.31 -80.46	219.37 1.11 -207.85	64.51 0.99 -53.53	103.26 3.39 -67.95	98.52 2.14 -76.22	137.23 2.64 -111.36	113.50 2.91 -85.29	112.75 2.49 -87.91	138.87 10.01 -38.94	204.31 13.96 -55.32	322.57 28.46 4.06	141.89 14.57 12.39	140.23 12.95 0.09	155.17 12.59 -17.66	145.73 1.71 -127.32	82.56 1.58 -65.14	141.34 -0.02 -141.82



PJM_GEN_VFT_PROXY 323633	27.33 0.50 -20.29	31.00 -0.11 -32.72	29.91 0.20 -26.90	29.09 0.79 -17.44	27.52 1.93 -0.15	28.86 2.00 -1.52	52.79 2.06 -26.50	96.24 1.85 -72.34	86.14 0.91 -74.81	64.41 0.90 -53.52	102.85 3.01 -67.93	98.30 1.94 -76.20	134.13 2.30 -108.60	86.82 2.59 -58.93	112.48 2.25 -87.89	137.88 9.03 -38.93	203.59 13.26 -55.30	320.24 26.13 4.06	140.13 12.81 12.39	138.95 11.68 0.09	154.27 11.69 -17.66	145.57 1.57 -127.29	82.47 1.50 -65.13	141.31 -0.01 -141.79
PLEASANTVLY___LBMP 24000	28.12 0.48 -21.10	29.31 -0.11 -31.03	27.99 0.19 -24.98	27.53 0.77 -15.90	27.47 1.87 -0.15	28.87 1.94 -1.58	53.76 1.97 -27.56	99.08 1.80 -75.23	89.08 0.87 -77.80	66.48 0.84 -55.65	105.32 2.76 -70.64	101.15 1.75 -79.24	138.20 2.04 -112.93	88.85 2.27 -61.28	115.56 1.99 -91.23	137.73 7.80 -40.00	204.11 11.57 -57.51	317.77 23.58 3.97	150.05 11.56 1.21	137.87 10.60 0.09	153.89 10.50 -18.47	150.49 1.41 -132.38	84.88 1.31 -67.72	146.96 -0.01 -147.44
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	27.50 0.52 -20.44	28.34 -0.12 -30.06	27.22 0.21 -24.20	27.09 0.83 -15.40	27.61 2.02 -0.15	28.96 2.09 -1.53	53.07 2.14 -26.70	96.89 1.96 -72.88	86.73 0.95 -75.36	64.82 0.92 -53.92	103.40 3.05 -68.43	98.85 1.93 -76.76	134.89 2.26 -109.40	87.18 2.52 -59.36	113.01 2.20 -88.47	137.66 8.72 -39.02	203.65 12.91 -55.71	320.20 26.08 4.04	151.36 12.88 1.24	139.02 11.74 0.09	154.35 11.62 -17.81	146.49 1.56 -128.23	82.90 1.46 -65.60	142.35 -0.01 -142.82
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.10 0.54 -21.02	29.18 -0.12 -30.92	27.93 0.22 -24.89	27.58 0.88 -15.84	27.71 2.12 -0.15	29.12 2.20 -1.57	53.93 2.24 -27.46	99.07 2.07 -74.96	88.92 1.00 -77.51	66.38 0.95 -55.45	105.36 3.07 -70.38	101.03 1.93 -78.94	137.99 2.25 -112.51	88.86 2.50 -61.05	115.35 2.19 -90.81	138.27 8.73 -39.62	205.58 13.26 -57.29	321.92 27.71 3.96	151.97 13.47 1.21	139.67 12.40 0.09	155.53 12.21 -18.40	150.22 1.61 -131.90	84.82 1.50 -67.48	146.42 -0.02 -146.90
POLETTI____ 23519	27.36 0.54 -20.29	28.12 -0.12 -29.84	27.04 0.21 -24.02	26.99 0.84 -15.29	27.60 2.01 -0.15	28.94 2.07 -1.52	52.85 2.11 -26.50	96.31 1.92 -72.34	86.17 0.94 -74.81	64.44 0.94 -53.52	102.98 3.14 -67.93	98.39 2.03 -76.20	134.21 2.38 -108.60	86.91 2.68 -58.93	112.57 2.33 -87.89	138.12 9.27 -38.93	203.79 13.45 -55.30	320.60 26.49 4.06	151.60 13.13 1.24	139.33 12.06 0.09	154.57 12.00 -17.66	145.62 1.63 -127.29	82.52 1.56 -65.13	141.32 0.00 -141.79
PORT_JEFF_3 23555	27.63 0.80 -20.30	28.08 -0.15 -29.85	27.13 0.30 -24.03	27.32 1.17 -15.29	28.42 2.83 -0.15	29.70 2.83 -1.52	53.60 2.86 -26.51	105.06 2.55 -80.46	219.44 1.18 -207.85	64.53 1.01 -53.53	103.46 3.59 -67.95	98.72 2.34 -76.22	137.53 2.94 -111.36	113.81 3.21 -85.29	113.01 2.75 -87.91	139.83 10.97 -38.94	204.85 14.50 -55.32	323.31 29.20 4.06	154.42 15.94 1.24	141.40 14.13 0.09	156.08 13.50 -17.66	145.86 1.84 -127.32	82.73 1.75 -65.14	141.33 -0.02 -141.82
PORT_JEFF_4 23616	27.63 0.80 -20.30	28.08 -0.15 -29.85	27.13 0.30 -24.03	27.32 1.17 -15.29	28.42 2.83 -0.15	29.70 2.83 -1.52	53.60 2.86 -26.51	105.06 2.55 -80.46	219.44 1.18 -207.85	64.53 1.01 -53.53	103.46 3.59 -67.95	98.72 2.34 -76.22	137.53 2.94 -111.36	113.81 3.21 -85.29	113.01 2.75 -87.91	139.83 10.97 -38.94	204.85 14.50 -55.32	323.31 29.20 4.06	154.42 15.94 1.24	141.40 14.13 0.09	156.08 13.50 -17.66	145.86 1.84 -127.32	82.73 1.75 -65.14	141.33 -0.02 -141.82
PORT_JEFF_IC 23713	27.64 0.81 -20.30	28.08 -0.15 -29.85	27.14 0.30 -24.03	27.34 1.18 -15.29	28.45 2.86 -0.15	29.74 2.87 -1.52	53.65 2.91 -26.51	105.12 2.61 -80.46	219.47 1.21 -207.85	64.55 1.03 -53.53	103.53 3.66 -67.95	98.75 2.37 -76.22	137.56 2.97 -111.36	113.84 3.24 -85.29	113.04 2.78 -87.91	140.00 11.13 -38.94	205.27 14.92 -55.32	324.44 30.33 4.06	154.81 16.34 1.24	141.76 14.49 0.09	156.44 13.86 -17.66	145.90 1.88 -127.32	82.77 1.79 -65.14	141.33 -0.02 -141.82
PPL PILGRIM_ST_GT1 24216	27.63 0.80 -20.30	28.08 -0.16 -29.85	27.14 0.30 -24.03	27.36 1.20 -15.29	28.57 2.98 -0.15	29.87 3.00 -1.52	53.80 3.06 -26.51	105.29 2.79 -80.46	219.60 1.34 -207.85	64.68 1.17 -53.53	103.76 3.90 -67.95	98.83 2.45 -76.22	137.64 3.04 -111.36	113.95 3.36 -85.29	113.14 2.88 -87.91	140.54 11.68 -38.94	206.66 16.31 -55.32	328.21 34.10 4.06	155.99 17.52 1.24	142.86 15.59 0.09	157.47 14.89 -17.66	146.04 2.02 -127.32	82.82 1.84 -65.14	141.33 -0.03 -141.82
PPL PILGRIM_ST_GT2 24217	27.63 0.80 -20.30	28.08 -0.16 -29.85	27.14 0.30 -24.03	27.36 1.20 -15.29	28.57 2.98 -0.15	29.87 3.00 -1.52	53.80 3.06 -26.51	105.29 2.79 -80.46	219.60 1.34 -207.85	64.68 1.17 -53.53	103.76 3.90 -67.95	98.83 2.45 -76.22	137.64 3.04 -111.36	113.95 3.36 -85.29	113.14 2.88 -87.91	140.54 11.68 -38.94	206.66 16.31 -55.32	328.21 34.10 4.06	155.99 17.52 1.24	142.86 15.59 0.09	157.47 14.89 -17.66	146.04 2.02 -127.32	82.82 1.84 -65.14	141.33 -0.03 -141.82
PPL_SHRM_GT3 24213	27.69 0.86 -20.30	28.07 -0.17 -29.85	27.16 0.32 -24.03	27.42 1.26 -15.29	28.65 3.06 -0.15	29.96 3.09 -1.52	53.90 3.15 -26.51	105.35 2.84 -80.46	219.56 1.31 -207.85	64.64 1.12 -53.53	103.78 3.92 -67.95	98.89 2.51 -76.22	137.69 3.10 -111.36	113.99 3.39 -85.29	113.19 2.94 -87.91	140.72 11.85 -38.94	204.92 14.57 -55.32	322.46 28.36 4.06	156.63 18.16 1.24	143.43 16.16 0.09	158.04 15.46 -17.66	146.12 2.09 -127.32	82.95 1.97 -65.14	141.33 -0.02 -141.82
PPL_SHRM_GT4 24214	27.69 0.86 -20.30	28.07 -0.17 -29.85	27.16 0.32 -24.03	27.42 1.26 -15.29	28.65 3.06 -0.15	29.96 3.09 -1.52	53.90 3.15 -26.51	105.35 2.84 -80.46	219.56 1.31 -207.85	64.64 1.12 -53.53	103.78 3.92 -67.95	98.89 2.51 -76.22	137.69 3.10 -111.36	113.99 3.39 -85.29	113.19 2.94 -87.91	140.72 11.85 -38.94	204.92 14.57 -55.32	322.46 28.36 4.06	156.63 18.16 1.24	143.43 16.16 0.09	158.04 15.46 -17.66	146.12 2.09 -127.32	82.95 1.97 -65.14	141.33 -0.02 -141.82
PROJECT___ORANGE 1 24174	8.30 -0.03 -1.80	1.04 0.01 -2.64	4.92 -0.02 -2.13	12.12 -0.09 -1.35	25.17 -0.29 -0.01	25.22 -0.26 -0.13	26.40 -0.18 -2.35	28.34 -0.12 -6.41	17.01 -0.03 -6.63	14.71 -0.02 -4.74	37.83 -0.11 -6.02	26.78 -0.13 -6.75	32.69 -0.17 -9.62	30.35 -0.18 -5.22	29.94 -0.17 -7.76	92.52 -0.78 -3.37	138.75 -1.19 -4.91	295.47 -2.69 0.00	138.54 -1.17 0.00	126.32 -1.04 0.00	125.45 -1.19 -1.73	27.89 -0.13 -11.31	21.48 -0.14 -5.78	12.12 0.00 -12.59
PROJECT___ORANGE 2 24166	8.30 -0.03 -1.80	1.04 0.01 -2.64	4.92 -0.02 -2.13	12.12 -0.09 -1.35	25.17 -0.29 -0.01	25.22 -0.26 -0.13	26.40 -0.18 -2.35	28.34 -0.12 -6.41	17.01 -0.03 -6.63	14.71 -0.02 -4.74	37.83 -0.11 -6.02	26.78 -0.13 -6.75	32.69 -0.17 -9.62	30.35 -0.18 -5.22	29.94 -0.17 -7.76	92.52 -0.78 -3.37	138.75 -1.19 -4.91	295.47 -2.69 0.00	138.54 -1.17 0.00	126.32 -1.04 0.00	125.45 -1.19 -1.73	27.89 -0.13 -11.31	21.48 -0.14 -5.78	12.12 0.00 -12.59
PYRITES___HYD 24023	6.40 -0.13 0.00	-1.58 0.03 0.00	2.76 -0.05 0.00	10.70 -0.16 0.00	25.23 -0.22 0.00	25.04 -0.30 0.00	23.76 -0.48 0.00	21.52 -0.53 0.00	10.02 -0.39 0.00	9.66 -0.33 0.00	31.12 -0.80 0.00	19.92 -0.24 0.00	23.09 -0.14 0.00	25.05 -0.25 0.00	22.03 -0.31 0.00	88.56 -1.36 0.00	133.43 -1.61 0.00	297.34 -0.82 0.00	138.35 -1.36 0.00	125.69 -1.67 0.00	123.65 -1.26 0.00	16.39 -0.31 0.00	15.75 -0.09 0.00	-0.48 -0.02 0.00



RAMAPO___LBMP 323565	26.50 0.43 -19.54	27.03 -0.09 -28.73	26.12 0.17 -23.13	26.27 0.69 -14.72	27.27 1.69 -0.14	28.57 1.76 -1.46	51.56 1.81 -25.52	93.37 1.65 -69.66	83.26 0.81 -72.04	62.31 0.78 -51.54	99.88 2.56 -65.41	95.14 1.61 -73.37	129.71 1.90 -104.57	84.16 2.11 -56.74	108.07 1.84 -83.89	132.48 7.25 -35.30	199.15 10.87 -53.25	315.61 21.59 4.14	149.14 10.70 1.27	136.99 9.72 0.09	151.58 9.77 -16.90	140.57 1.32 -122.55	79.76 1.22 -62.71	136.04 -0.01 -136.51
RANKINE____ 23646	9.90 -0.38 -3.75	4.01 0.10 -5.52	7.05 -0.18 -4.42	12.82 -0.74 -2.70	23.69 -1.78 -0.03	22.71 -1.87 0.76	27.21 -1.84 -4.81	31.72 -1.58 -11.24	14.36 -0.78 -4.72	14.03 -0.67 -4.71	39.46 -1.96 -9.50	27.36 -1.60 -8.80	22.75 -1.79 -1.31	9.85 -1.95 13.50	13.40 -1.65 7.29	24.56 -7.00 58.36	29.53 -10.58 94.92	32.01 -23.84 242.31	32.39 -10.73 96.59	43.11 -9.07 75.18	19.12 -9.69 96.10	17.22 -1.28 -1.79	17.40 -1.25 -2.81	15.47 0.02 -15.91
RAVENSWOOD_GT2_1 24244	27.36 0.54 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.85 -15.29	27.64 2.05 -0.15	28.99 2.12 -1.52	52.92 2.18 -26.50	96.39 1.98 -72.35	86.21 0.97 -74.82	64.47 0.96 -53.52	103.05 3.20 -67.93	98.41 2.05 -76.20	134.24 2.40 -108.61	86.92 2.69 -58.93	112.59 2.35 -87.90	138.18 9.33 -38.93	204.05 13.71 -55.31	321.41 27.30 4.06	151.93 13.46 1.24	139.53 12.26 0.09	154.83 12.25 -17.66	145.66 1.65 -127.30	82.53 1.56 -65.13	141.32 -0.01 -141.80
RAVENSWOOD_GT2_2 24245	27.36 0.54 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.85 -15.29	27.64 2.05 -0.15	28.99 2.12 -1.52	52.92 2.18 -26.50	96.39 1.98 -72.35	86.21 0.97 -74.82	64.47 0.96 -53.52	103.05 3.20 -67.93	98.41 2.05 -76.20	134.24 2.40 -108.61	86.92 2.69 -58.93	112.59 2.35 -87.90	138.18 9.33 -38.93	204.05 13.71 -55.31	321.41 27.30 4.06	151.93 13.46 1.24	139.53 12.26 0.09	154.83 12.25 -17.66	145.66 1.65 -127.30	82.53 1.56 -65.13	141.32 -0.01 -141.80
RAVENSWOOD_GT2_3 24246	27.37 0.54 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.85 -15.29	27.65 2.06 -0.15	29.01 2.14 -1.52	52.93 2.19 -26.50	96.40 2.00 -72.35	86.21 0.98 -74.82	64.47 0.97 -53.52	103.08 3.23 -67.93	98.43 2.06 -76.20	134.25 2.41 -108.61	86.94 2.70 -58.93	112.60 2.36 -87.90	138.24 9.39 -38.93	204.12 13.78 -55.31	321.49 27.39 4.06	151.97 13.49 1.24	139.64 12.36 0.09	154.89 12.32 -17.66	145.66 1.66 -127.30	82.54 1.57 -65.13	141.32 -0.01 -141.80
RAVENSWOOD_GT2_4 24247	27.37 0.54 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.85 -15.29	27.65 2.06 -0.15	29.01 2.14 -1.52	52.93 2.19 -26.50	96.40 2.00 -72.35	86.21 0.98 -74.82	64.47 0.97 -53.52	103.08 3.23 -67.93	98.43 2.06 -76.20	134.25 2.41 -108.61	86.94 2.70 -58.93	112.60 2.36 -87.90	138.24 9.39 -38.93	204.12 13.78 -55.31	321.49 27.39 4.06	151.97 13.49 1.24	139.64 12.36 0.09	154.89 12.32 -17.66	145.66 1.66 -127.30	82.54 1.57 -65.13	141.32 -0.01 -141.80
RAVENSWOOD_GT3_1 24248	27.36 0.54 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.85 -15.29	27.64 2.05 -0.15	28.99 2.12 -1.52	52.92 2.18 -26.50	96.39 1.98 -72.35	86.21 0.97 -74.82	64.47 0.96 -53.52	103.05 3.20 -67.93	98.41 2.05 -76.20	134.24 2.40 -108.61	86.92 2.69 -58.93	112.59 2.35 -87.90	138.18 9.33 -38.93	204.05 13.71 -55.31	321.41 27.30 4.06	151.93 13.46 1.24	139.53 12.26 0.09	154.84 12.27 -17.66	145.66 1.65 -127.30	82.53 1.56 -65.13	141.32 -0.01 -141.80
RAVENSWOOD_GT3_2 24249	27.36 0.54 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.85 -15.29	27.64 2.05 -0.15	28.99 2.12 -1.52	52.92 2.18 -26.50	96.39 1.98 -72.35	86.21 0.97 -74.82	64.47 0.96 -53.52	103.05 3.20 -67.93	98.41 2.05 -76.20	134.24 2.40 -108.61	86.92 2.69 -58.93	112.59 2.35 -87.90	138.18 9.33 -38.93	204.05 13.71 -55.31	321.41 27.30 4.06	151.93 13.46 1.24	139.53 12.26 0.09	154.84 12.27 -17.66	145.66 1.65 -127.30	82.53 1.56 -65.13	141.32 -0.01 -141.80
RAVENSWOOD_GT3_3 24250	27.37 0.55 -20.30	28.11 -0.12 -29.84	27.05 0.22 -24.02	27.01 0.86 -15.29	27.67 2.08 -0.15	29.03 2.17 -1.52	52.96 2.22 -26.50	96.42 2.02 -72.35	86.22 0.99 -74.82	64.48 0.98 -53.52	103.11 3.26 -67.93	98.45 2.09 -76.20	134.29 2.45 -108.61	86.97 2.73 -58.93	112.63 2.39 -87.90	138.35 9.50 -38.93	204.30 13.96 -55.31	321.90 27.80 4.06	152.16 13.69 1.24	139.79 12.52 0.09	155.03 12.46 -17.66	145.68 1.68 -127.30	82.56 1.59 -65.13	141.32 -0.01 -141.80
RAVENSWOOD_GT3_4 24251	27.37 0.55 -20.30	28.11 -0.12 -29.84	27.05 0.22 -24.02	27.01 0.86 -15.29	27.67 2.08 -0.15	29.03 2.17 -1.52	52.96 2.22 -26.50	96.42 2.02 -72.35	86.22 0.99 -74.82	64.48 0.98 -53.52	103.11 3.26 -67.93	98.45 2.09 -76.20	134.29 2.45 -108.61	86.97 2.73 -58.93	112.63 2.39 -87.90	138.35 9.50 -38.93	204.30 13.96 -55.31	321.90 27.80 4.06	152.16 13.69 1.24	139.79 12.52 0.09	155.03 12.46 -17.66	145.68 1.68 -127.30	82.56 1.59 -65.13	141.32 -0.01 -141.80
RAVENSWOOD_GT_1 23729	27.40 0.57 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.04 0.89 -15.29	27.74 2.15 -0.15	29.12 2.25 -1.52	53.04 2.30 -26.50	96.48 2.08 -72.35	86.26 1.02 -74.82	64.53 1.02 -53.53	103.25 3.39 -67.94	98.53 2.16 -76.21	134.38 2.54 -108.61	87.08 2.83 -58.94	112.71 2.47 -87.90	138.69 9.83 -38.93	204.79 14.44 -55.31	322.77 28.66 4.06	152.73 14.25 1.23	140.27 12.99 0.09	155.54 12.96 -17.67	147.46 1.75 -129.01	82.64 1.66 -65.15	141.32 -0.01 -141.80
RAVENSWOOD_GT_10 24258	27.36 0.54 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.84 -15.29	27.64 2.04 -0.15	28.99 2.12 -1.52	52.92 2.18 -26.50	96.38 1.98 -72.35	86.21 0.97 -74.82	64.47 0.96 -53.52	103.05 3.20 -67.93	98.41 2.05 -76.20	134.24 2.40 -108.61	86.92 2.68 -58.93	112.59 2.34 -87.90	138.18 9.33 -38.93	203.98 13.64 -55.31	321.31 27.20 4.06	151.88 13.41 1.24	139.53 12.26 0.09	154.79 12.21 -17.66	145.52 1.65 -127.17	82.53 1.56 -65.13	141.32 -0.01 -141.80
RAVENSWOOD_GT_11 24259	27.36 0.54 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.84 -15.29	27.64 2.04 -0.15	28.99 2.12 -1.52	52.92 2.18 -26.50	96.38 1.98 -72.35	86.21 0.97 -74.82	64.47 0.96 -53.52	103.05 3.20 -67.93	98.41 2.05 -76.20	134.24 2.40 -108.61	86.92 2.68 -58.93	112.59 2.34 -87.90	138.18 9.33 -38.93	203.98 13.64 -55.31	321.31 27.20 4.06	151.88 13.41 1.24	139.53 12.26 0.09	154.79 12.21 -17.66	145.52 1.65 -127.17	82.53 1.56 -65.13	141.32 -0.01 -141.80
RAVENSWOOD_GT_4 24252	27.36 0.54 -20.30	28.12 -0.12 -29.84	27.04 0.21 -24.02	26.99 0.84 -15.29	27.63 2.03 -0.15	28.97 2.11 -1.52	52.90 2.16 -26.50	96.37 1.97 -72.35	86.20 0.96 -74.82	64.46 0.95 -53.52	103.02 3.18 -67.93	98.39 2.03 -76.20	134.23 2.39 -108.60	86.90 2.66 -58.93	112.57 2.33 -87.89	138.10 9.25 -38.93	203.92 13.58 -55.31	321.09 26.99 4.06	151.78 13.31 1.24	139.43 12.16 0.09	154.70 12.13 -17.66	144.76 1.63 -126.42	82.52 1.55 -65.13	141.32 -0.01 -141.79
RAVENSWOOD_GT_5 24254	27.36 0.54 -20.30	28.12 -0.12 -29.84	27.04 0.21 -24.02	26.99 0.84 -15.29	27.63 2.03 -0.15	28.97 2.11 -1.52	52.90 2.16 -26.50	96.37 1.97 -72.35	86.20 0.96 -74.82	64.46 0.95 -53.52	103.02 3.18 -67.93	98.39 2.03 -76.20	134.23 2.39 -108.60	86.90 2.66 -58.93	112.57 2.33 -87.89	138.10 9.25 -38.93	203.92 13.58 -55.31	321.09 26.99 4.06	151.78 13.31 1.24	139.43 12.16 0.09	154.70 12.13 -17.66	144.76 1.63 -126.42	82.52 1.55 -65.13	141.32 -0.01 -141.79



RAVENSWOOD_GT_6 24253	27.36 0.54 -20.30	28.12 -0.12 -29.84	27.04 0.21 -24.02	26.99 0.84 -15.29	27.63 2.03 -0.15	28.97 2.11 -1.52	52.90 2.16 -26.50	96.37 1.97 -72.35	86.20 0.96 -74.82	64.46 0.95 -53.52	103.02 3.18 -67.93	98.39 2.03 -76.20	134.23 2.39 -108.60	86.90 2.66 -58.93	112.57 2.33 -87.89	138.10 9.25 -38.93	203.92 13.58 -55.31	321.09 26.99 4.06	151.78 13.31 1.24	139.43 12.16 0.09	154.70 12.13 -17.66	144.76 1.63 -126.42	82.52 1.55 -65.13	141.32 -0.01 -141.79
RAVENSWOOD_GT_7 24255	27.36 0.54 -20.30	28.12 -0.12 -29.84	27.04 0.21 -24.02	26.99 0.84 -15.29	27.63 2.03 -0.15	28.97 2.11 -1.52	52.90 2.16 -26.50	96.37 1.97 -72.35	86.20 0.96 -74.82	64.46 0.95 -53.52	103.02 3.18 -67.93	98.39 2.03 -76.20	134.23 2.39 -108.60	86.90 2.66 -58.93	112.57 2.33 -87.89	138.10 9.25 -38.93	203.92 13.58 -55.31	321.09 26.99 4.06	151.78 13.31 1.24	139.43 12.16 0.09	154.70 12.13 -17.66	144.76 1.63 -126.42	82.52 1.55 -65.13	141.32 -0.01 -141.79
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	27.36 0.54 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.84 -15.29	27.64 2.04 -0.15	28.99 2.12 -1.52	52.92 2.18 -26.50	96.38 1.98 -72.35	86.21 0.97 -74.82	64.47 0.96 -53.52	103.05 3.20 -67.93	98.41 2.05 -76.20	134.24 2.40 -108.61	86.92 2.68 -58.93	112.59 2.34 -87.90	138.18 9.33 -38.93	203.98 13.64 -55.31	321.31 27.20 4.06	151.88 13.41 1.24	139.53 12.26 0.09	154.79 12.21 -17.66	145.52 1.65 -127.17	82.53 1.56 -65.13	141.32 -0.01 -141.80
RAVENSWOOD_GT_9 24257	27.36 0.54 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.84 -15.29	27.64 2.04 -0.15	28.99 2.12 -1.52	52.92 2.18 -26.50	96.38 1.98 -72.35	86.21 0.97 -74.82	64.47 0.96 -53.52	103.05 3.20 -67.93	98.41 2.05 -76.20	134.24 2.40 -108.61	86.92 2.68 -58.93	112.59 2.34 -87.90	138.18 9.33 -38.93	203.98 13.64 -55.31	321.31 27.20 4.06	151.88 13.41 1.24	139.53 12.26 0.09	154.79 12.21 -17.66	145.52 1.65 -127.17	82.53 1.56 -65.13	141.32 -0.01 -141.80
RAVENSWOOD___1 23533	27.39 0.56 -20.30	28.11 -0.12 -29.84	27.06 0.22 -24.02	27.04 0.89 -15.29	27.72 2.13 -0.15	29.09 2.22 -1.52	53.00 2.26 -26.50	96.45 2.05 -72.35	86.24 1.01 -74.82	64.52 1.01 -53.53	103.18 3.33 -67.94	98.49 2.12 -76.21	134.33 2.49 -108.61	87.03 2.78 -58.94	112.69 2.44 -87.90	138.56 9.71 -38.93	204.64 14.30 -55.31	322.46 28.36 4.06	152.58 14.11 1.24	140.15 12.87 0.09	155.41 12.83 -17.66	146.88 1.73 -128.45	82.62 1.64 -65.14	141.32 -0.01 -141.80
RAVENSWOOD___2 23534	27.39 0.56 -20.30	28.11 -0.12 -29.84	27.06 0.22 -24.02	27.04 0.89 -15.29	27.72 2.13 -0.15	29.09 2.22 -1.52	53.00 2.26 -26.50	96.45 2.05 -72.35	86.24 1.01 -74.82	64.52 1.01 -53.53	103.18 3.33 -67.94	98.49 2.12 -76.21	134.33 2.49 -108.61	87.03 2.78 -58.94	112.69 2.44 -87.90	138.56 9.71 -38.93	204.64 14.30 -55.31	322.46 28.36 4.06	152.58 14.11 1.24	140.15 12.87 0.09	155.41 12.83 -17.66	146.88 1.73 -128.45	82.62 1.64 -65.14	141.32 -0.01 -141.80
RAVENSWOOD___3 23535	27.37 0.54 -20.30	28.12 -0.12 -29.84	27.05 0.21 -24.02	27.00 0.85 -15.29	27.64 2.05 -0.15	28.99 2.12 -1.52	52.92 2.18 -26.50	96.39 1.98 -72.35	86.21 0.98 -74.82	64.47 0.96 -53.52	103.05 3.20 -67.93	98.42 2.05 -76.20	134.25 2.41 -108.61	86.93 2.69 -58.93	112.59 2.35 -87.90	138.18 9.33 -38.93	204.06 13.72 -55.31	321.41 27.30 4.06	151.93 13.46 1.24	139.56 12.29 0.09	154.84 12.27 -17.66	145.66 1.66 -127.30	82.53 1.56 -65.13	141.32 -0.01 -141.80
RAVENSWOOD___4 23820	27.39 0.56 -20.30	28.11 -0.12 -29.84	27.06 0.22 -24.02	27.04 0.89 -15.29	27.72 2.13 -0.15	29.09 2.22 -1.52	53.00 2.26 -26.50	96.45 2.05 -72.35	86.24 1.01 -74.82	64.52 1.01 -53.53	103.18 3.33 -67.94	98.49 2.12 -76.21	134.33 2.49 -108.61	87.03 2.78 -58.94	112.69 2.44 -87.90	138.56 9.71 -38.93	204.64 14.30 -55.31	322.46 28.36 4.06	152.58 14.11 1.24	140.15 12.87 0.09	155.41 12.83 -17.66	146.88 1.73 -128.45	82.62 1.64 -65.14	141.32 -0.01 -141.80
RCPL_TRUST___DRP 24196	27.36 0.53 -20.29	28.11 -0.12 -29.84	27.04 0.21 -24.02	26.98 0.83 -15.29	27.61 2.01 -0.15	28.96 2.10 -1.52	52.89 2.16 -26.50	96.36 1.96 -72.34	86.19 0.96 -74.81	64.45 0.95 -53.52	103.03 3.19 -67.92	98.39 2.04 -76.19	134.22 2.39 -108.59	86.91 2.68 -58.92	112.58 2.35 -87.88	138.32 9.47 -38.93	204.19 13.86 -55.30	321.59 27.48 4.06	151.95 13.48 1.24	139.59 12.32 0.09	154.88 12.30 -17.66	145.65 1.66 -127.29	82.53 1.57 -65.13	141.31 -0.01 -141.78
RED___ROCHESTER 323720	8.92 -0.09 -2.48	2.05 0.02 -3.64	5.70 -0.05 -2.94	12.53 -0.23 -1.90	24.86 -0.60 -0.02	25.26 -0.57 -0.48	27.09 -0.39 -3.25	31.28 -0.26 -9.48	22.22 -0.12 -11.93	18.02 -0.08 -8.13	41.02 -0.12 -9.22	27.95 -0.27 -8.05	41.89 -0.33 -18.99	39.64 -0.38 -14.71	39.94 -0.33 -17.92	113.03 -1.62 -24.73	171.79 -2.41 -39.17	328.38 -4.45 -34.67	155.21 -1.84 -17.33	147.78 -1.42 -21.84	137.89 -2.11 -15.08	34.27 -0.26 -17.83	24.64 -0.28 -9.09	18.23 0.00 -18.69
RENSSELAER___COGEN 23796	33.78 0.43 -26.82	37.73 -0.10 -39.44	34.75 0.18 -31.75	31.79 0.72 -20.21	27.33 1.69 -0.20	29.01 1.66 -2.01	60.74 1.48 -35.03	118.97 1.30 -95.62	109.78 0.61 -98.76	81.21 0.58 -70.65	123.55 1.97 -89.66	121.97 1.23 -100.58	167.92 1.34 -143.35	104.53 1.44 -77.78	139.31 1.29 -115.67	145.43 5.13 -50.37	215.75 7.71 -73.01	310.88 15.81 3.09	146.28 7.51 0.95	134.41 7.12 0.07	156.54 7.29 -24.33	186.08 0.99 -168.39	103.01 1.03 -86.14	187.05 -0.02 -187.54
REVERE_CPPR_DRP 24186	7.37 0.22 -0.62	-0.75 -0.06 -0.92	3.64 0.09 -0.74	11.71 0.38 -0.47	26.42 0.97 0.00	26.45 1.05 -0.05	26.20 1.15 -0.81	25.38 1.11 -2.22	13.27 0.53 -2.33	12.15 0.51 -1.66	35.61 1.58 -2.11	23.45 0.92 -2.37	27.69 1.08 -3.38	28.30 1.16 -1.83	26.09 1.02 -2.72	95.29 4.18 -1.18	143.53 6.75 -1.74	313.68 15.52 0.00	146.98 7.27 0.00	133.89 6.53 0.00	131.68 6.15 -0.61	21.45 0.78 -3.97	18.51 0.66 -2.02	3.93 -0.01 -4.40
RIVERBAY____ 323610	27.49 0.66 -20.30	28.08 -0.16 -29.84	27.09 0.25 -24.02	27.22 1.07 -15.29	28.33 2.75 -0.15	29.66 2.79 -1.52	53.64 2.90 -26.50	97.03 2.63 -72.35	86.50 1.27 -74.82	64.73 1.22 -53.53	103.72 3.87 -67.94	98.81 2.44 -76.21	134.72 2.88 -108.61	87.46 3.21 -58.94	113.05 2.81 -87.90	138.71 9.87 -38.92	205.88 15.54 -55.31	326.75 32.64 4.06	154.55 16.07 1.24	142.10 14.83 0.09	157.20 14.62 -17.67	145.93 1.92 -127.31	82.70 1.73 -65.14	141.32 -0.02 -141.80
ROARING___BROOK_WT_PWR 323790	5.23 -0.10 1.20	-3.36 0.01 1.76	1.37 -0.03 1.42	9.88 -0.08 0.90	25.31 -0.13 0.01	25.16 -0.09 0.09	22.59 -0.07 1.57	17.58 -0.21 4.27	5.95 -0.15 4.32	6.73 -0.16 3.09	27.29 -0.70 3.92	15.37 -0.40 4.40	16.74 -0.22 6.27	21.70 -0.20 3.40	17.16 -0.13 5.06	87.37 -0.36 2.20	131.43 -0.82 2.79	296.64 -1.52 0.00	138.85 -0.86 0.00	126.44 -0.92 0.00	122.83 -1.10 0.98	9.96 -0.20 6.54	12.31 -0.16 3.36	-7.80 -0.01 7.32
ROCHESTER_9_IC 23652	8.89 -0.12 -2.48	2.06 0.03 -3.64	5.68 -0.06 -2.94	12.48 -0.28 -1.90	24.75 -0.72 -0.02	25.13 -0.70 -0.48	26.95 -0.53 -3.25	31.15 -0.38 -9.48	22.16 -0.18 -11.93	17.96 -0.14 -8.12	40.81 -0.33 -9.22	27.82 -0.39 -8.05	41.74 -0.48 -18.99	39.48 -0.54 -14.71	39.80 -0.46 -17.92	112.50 -2.15 -24.73	171.02 -3.18 -39.16	326.53 -6.30 -34.67	154.34 -2.70 -17.33	146.98 -2.22 -21.84	137.10 -2.89 -15.08	34.18 -0.36 -17.83	24.55 -0.38 -9.09	18.23 0.01 -18.68



ROSETON___1 23587	27.32 0.45 -20.34	28.19 -0.10 -29.91	27.07 0.18 -24.07	26.92 0.73 -15.32	27.36 1.77 -0.15	28.70 1.83 -1.52	52.65 1.86 -26.56	96.25 1.69 -72.50	86.21 0.82 -74.98	64.41 0.79 -53.64	102.60 2.61 -68.07	98.17 1.64 -76.36	134.00 1.93 -108.83	86.50 2.14 -59.05	112.01 1.87 -87.80	135.47 7.36 -38.18	201.32 10.87 -55.42	315.91 21.81 4.06	149.25 10.78 1.24	137.25 9.98 0.09	152.42 9.80 -17.70	145.59 1.32 -127.56	82.34 1.24 -65.27	141.61 -0.01 -142.08
ROSETON___2 23588	27.32 0.45 -20.34	28.19 -0.10 -29.91	27.07 0.18 -24.07	26.92 0.73 -15.32	27.36 1.77 -0.15	28.70 1.83 -1.52	52.65 1.86 -26.56	96.25 1.69 -72.50	86.21 0.82 -74.98	64.41 0.79 -53.64	102.60 2.61 -68.07	98.17 1.64 -76.36	134.00 1.93 -108.83	86.50 2.14 -59.05	112.01 1.87 -87.80	135.47 7.36 -38.18	201.32 10.87 -55.42	315.91 21.81 4.06	149.25 10.78 1.24	137.25 9.98 0.09	152.42 9.80 -17.70	145.59 1.32 -127.56	82.34 1.24 -65.27	141.61 -0.01 -142.08
RUSSELL___1 23602	8.92 -0.09 -2.48	2.05 0.02 -3.64	5.70 -0.05 -2.94	12.53 -0.23 -1.90	24.86 -0.60 -0.02	25.26 -0.57 -0.48	27.09 -0.39 -3.25	31.28 -0.26 -9.48	22.22 -0.12 -11.93	18.02 -0.08 -8.13	41.02 -0.12 -9.22	27.95 -0.27 -8.05	41.89 -0.33 -18.99	39.64 -0.38 -14.71	39.94 -0.33 -17.92	113.03 -1.62 -24.73	171.79 -2.41 -39.17	328.38 -4.45 -34.67	155.21 -1.84 -17.33	147.78 -1.42 -21.84	137.89 -2.11 -15.08	34.27 -0.26 -17.83	24.64 -0.28 -9.09	18.23 0.00 -18.69
RUSSELL___2 23532	8.92 -0.09 -2.48	2.05 0.02 -3.64	5.70 -0.05 -2.94	12.53 -0.23 -1.90	24.86 -0.60 -0.02	25.26 -0.57 -0.48	27.09 -0.39 -3.25	31.28 -0.26 -9.48	22.22 -0.12 -11.93	18.02 -0.08 -8.13	41.02 -0.12 -9.22	27.95 -0.27 -8.05	41.89 -0.33 -18.99	39.64 -0.38 -14.71	39.94 -0.33 -17.92	113.03 -1.62 -24.73	171.79 -2.41 -39.17	328.38 -4.45 -34.67	155.21 -1.84 -17.33	147.78 -1.42 -21.84	137.89 -2.11 -15.08	34.27 -0.26 -17.83	24.64 -0.28 -9.09	18.23 0.00 -18.69
RUSSELL___3 23549	8.92 -0.09 -2.48	2.05 0.02 -3.64	5.70 -0.05 -2.94	12.53 -0.23 -1.90	24.86 -0.60 -0.02	25.26 -0.57 -0.48	27.09 -0.39 -3.25	31.28 -0.26 -9.48	22.22 -0.12 -11.93	18.02 -0.08 -8.13	41.02 -0.12 -9.22	27.95 -0.27 -8.05	41.89 -0.33 -18.99	39.64 -0.38 -14.71	39.94 -0.33 -17.92	113.03 -1.62 -24.73	171.79 -2.41 -39.17	328.38 -4.45 -34.67	155.21 -1.84 -17.33	147.78 -1.42 -21.84	137.89 -2.11 -15.08	34.27 -0.26 -17.83	24.64 -0.28 -9.09	18.23 0.00 -18.69
RUSSELL___4 23556	8.92 -0.09 -2.48	2.05 0.02 -3.64	5.70 -0.05 -2.94	12.53 -0.23 -1.90	24.86 -0.60 -0.02	25.26 -0.57 -0.48	27.09 -0.39 -3.25	31.28 -0.26 -9.48	22.22 -0.12 -11.93	18.02 -0.08 -8.13	41.02 -0.12 -9.22	27.95 -0.27 -8.05	41.89 -0.33 -18.99	39.64 -0.38 -14.71	39.94 -0.33 -17.92	113.03 -1.62 -24.73	171.79 -2.41 -39.17	328.38 -4.45 -34.67	155.21 -1.84 -17.33	147.78 -1.42 -21.84	137.89 -2.11 -15.08	34.27 -0.26 -17.83	24.64 -0.28 -9.09	18.23 0.00 -18.69
RUSSELL___STATION 23914	8.92 -0.09 -2.48	2.05 0.02 -3.64	5.70 -0.05 -2.94	12.53 -0.23 -1.90	24.86 -0.60 -0.02	25.26 -0.57 -0.48	27.09 -0.39 -3.25	31.28 -0.26 -9.48	22.22 -0.12 -11.93	18.02 -0.08 -8.13	41.02 -0.12 -9.22	27.95 -0.27 -8.05	41.89 -0.33 -18.99	39.64 -0.38 -14.71	39.94 -0.33 -17.92	113.03 -1.62 -24.73	171.79 -2.41 -39.17	328.38 -4.45 -34.67	155.21 -1.84 -17.33	147.78 -1.42 -21.84	137.89 -2.11 -15.08	34.27 -0.26 -17.83	24.64 -0.28 -9.09	18.23 0.00 -18.69
S SALMON___HYD 24043	7.85 -0.06 -1.38	0.44 0.03 -2.02	4.41 -0.03 -1.63	11.78 -0.11 -1.04	25.18 -0.27 -0.01	25.23 -0.22 -0.10	25.91 -0.12 -1.80	26.86 -0.11 -4.91	15.39 -0.11 -5.09	13.53 -0.09 -3.64	36.35 -0.19 -4.62	25.26 -0.08 -5.18	30.52 -0.09 -7.39	29.18 -0.13 -4.01	28.14 -0.16 -5.96	91.89 -0.62 -2.59	138.13 -0.66 -3.75	297.32 -0.84 0.00	139.42 -0.29 0.00	126.90 -0.47 0.00	125.36 -0.87 -1.32	25.27 -0.08 -8.65	20.17 -0.08 -4.42	9.16 0.01 -9.62
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	9.67 -0.45 -3.60	3.79 0.11 -5.30	6.84 -0.21 -4.24	12.57 -0.87 -2.59	23.37 -2.09 -0.03	22.34 -2.21 0.80	26.74 -2.13 -4.64	30.93 -1.85 -10.73	13.51 -0.91 -4.01	13.43 -0.79 -4.24	38.57 -2.34 -8.99	26.86 -1.83 -8.53	21.45 -2.08 -0.30	8.52 -2.26 14.52	11.94 -1.93 8.47	21.74 -8.19 59.99	24.69 -12.42 97.93	22.64 -27.49 248.03	29.31 -12.31 98.09	41.68 -10.48 75.20	15.35 -11.17 98.40	15.98 -1.45 -0.73	16.78 -1.41 -2.35	14.37 0.03 -14.80
SELKIRK___I 23801	31.20 0.36 -24.31	34.05 -0.09 -35.75	31.75 0.15 -28.78	29.79 0.61 -18.32	27.05 1.43 -0.18	28.56 1.39 -1.82	57.28 1.30 -31.75	109.89 1.16 -86.67	100.52 0.54 -89.56	74.57 0.51 -64.07	114.95 1.72 -81.32	112.44 1.06 -91.22	154.41 1.17 -130.01	97.12 1.27 -70.54	128.42 1.16 -104.91	140.25 4.61 -45.71	208.14 6.89 -66.21	308.94 14.24 3.47	145.32 6.67 1.06	133.61 6.32 0.08	153.11 6.43 -21.77	170.14 0.85 -152.59	94.75 0.86 -78.05	169.45 -0.02 -169.94
SELKIRK___II 23799	33.13 0.39 -26.21	36.84 -0.10 -38.54	34.01 0.17 -31.03	31.27 0.66 -19.75	27.20 1.56 -0.19	28.84 1.53 -1.97	59.90 1.43 -34.23	116.76 1.26 -93.44	107.53 0.60 -96.52	79.60 0.57 -69.05	121.45 1.90 -87.64	119.64 1.18 -98.31	164.65 1.31 -140.11	102.76 1.43 -76.03	136.67 1.27 -113.05	144.20 5.04 -49.23	213.93 7.54 -71.35	310.48 15.50 3.18	146.13 7.39 0.97	134.26 6.97 0.07	155.70 7.08 -23.71	182.20 0.96 -164.54	100.97 0.96 -84.16	182.76 -0.02 -183.25
SENECA OSWGO___HYD 24041	8.07 -0.08 -1.62	0.79 0.02 -2.38	4.69 -0.04 -1.91	11.91 -0.17 -1.22	25.00 -0.45 -0.01	25.03 -0.44 -0.12	26.00 -0.35 -2.12	27.53 -0.30 -5.77	16.26 -0.12 -5.97	14.14 -0.11 -4.27	36.93 -0.41 -5.42	25.96 -0.29 -6.08	31.55 -0.36 -8.67	29.62 -0.38 -4.71	28.98 -0.35 -6.99	91.42 -1.54 -3.04	137.26 -2.19 -4.42	293.29 -4.88 0.00	137.52 -2.19 0.00	125.37 -2.00 0.00	124.36 -2.11 -1.56	26.63 -0.26 -10.19	20.78 -0.26 -5.20	10.87 0.00 -11.33
SENECA___ENERGY 23797	9.12 -0.06 -2.65	2.31 0.02 -3.90	5.91 -0.03 -3.14	12.72 -0.14 -2.00	25.05 -0.41 -0.02	25.22 -0.33 -0.20	27.51 -0.18 -3.46	31.41 -0.09 -9.45	20.15 -0.03 -9.77	16.94 -0.03 -6.99	40.61 -0.18 -8.87	29.25 -0.22 -9.31	37.19 -0.23 -14.18	32.77 -0.23 -7.69	33.57 -0.21 -11.44	93.84 -1.05 -4.97	140.93 -1.33 -7.23	300.64 -2.75 -5.23	140.07 -1.24 -1.60	126.47 -1.01 -0.11	128.44 -1.37 -4.90	33.27 -0.17 -16.74	24.00 -0.20 -8.36	18.33 0.01 -18.78
SHOEMAKER___GT 23640	25.52 0.40 -18.58	25.62 -0.09 -27.32	24.97 0.16 -21.99	25.50 0.64 -14.00	27.11 1.53 -0.13	28.33 1.59 -1.39	50.12 1.63 -24.27	89.77 1.48 -66.24	79.63 0.72 -68.50	59.67 0.69 -49.00	96.36 2.25 -62.19	91.34 1.41 -69.77	124.31 1.65 -99.43	81.11 1.85 -53.95	103.86 1.62 -79.90	130.23 6.36 -33.94	195.19 9.53 -50.63	313.31 19.40 4.25	147.93 9.52 1.30	136.03 8.77 0.09	149.54 8.70 -15.93	134.38 1.17 -116.50	76.55 1.09 -59.62	129.32 -0.01 -129.79
SHOREHAM_IC_1 23715	27.69 0.86 -20.30	28.07 -0.17 -29.85	27.16 0.32 -24.03	27.42 1.26 -15.29	28.65 3.06 -0.15	29.96 3.09 -1.52	53.90 3.15 -26.51	105.35 2.84 -80.46	219.56 1.31 -207.85	64.64 1.12 -53.53	103.78 3.92 -67.95	98.89 2.51 -76.22	137.69 3.10 -111.36	113.99 3.39 -85.29	113.19 2.94 -87.91	140.72 11.85 -38.94	204.92 14.57 -55.32	322.46 28.36 4.06	156.63 18.16 1.24	143.43 16.16 0.09	158.04 15.46 -17.66	146.12 2.09 -127.32	82.95 1.97 -65.14	141.33 -0.02 -141.82



SHOREHAM_IC_2 23716	27.69 0.86 -20.30	28.07 -0.17 -29.85	27.16 0.32 -24.03	27.42 1.26 -15.29	28.65 3.06 -0.15	29.96 3.09 -1.52	53.90 3.15 -26.51	105.35 2.84 -80.46	219.56 1.31 -207.85	64.64 1.12 -53.53	103.78 3.92 -67.95	98.89 2.51 -76.22	137.69 3.10 -111.36	113.99 3.39 -85.29	113.19 2.94 -87.91	140.72 11.85 -38.94	204.92 14.57 -55.32	322.46 28.36 4.06	156.63 18.16 1.24	143.43 16.16 0.09	158.04 15.46 -17.66	146.12 2.09 -127.32	82.95 1.97 -65.14	141.33 -0.02 -141.82
SISSONVILLE____ 23735	6.33 -0.20 0.00	-1.56 0.05 0.00	2.73 -0.08 0.00	10.58 -0.28 0.00	24.90 -0.55 0.00	24.67 -0.67 0.00	23.31 -0.92 0.00	21.09 -0.96 0.00	9.82 -0.59 0.00	9.46 -0.52 0.00	30.52 -1.39 0.00	19.58 -0.59 0.00	22.73 -0.51 0.00	24.67 -0.63 0.00	21.63 -0.71 0.00	86.71 -3.21 0.00	130.65 -4.38 0.00	290.87 -7.30 0.00	135.53 -4.18 0.00	123.07 -4.29 0.00	121.22 -3.69 0.00	16.14 -0.56 0.00	15.57 -0.26 0.00	-0.48 -0.01 0.00
SITHE_IND_GS1 24169	7.67 -0.16 -1.30	0.34 0.04 -1.91	4.28 -0.07 -1.54	11.54 -0.30 -0.98	24.63 -0.82 -0.01	24.64 -0.80 -0.10	25.21 -0.73 -1.70	26.04 -0.65 -4.64	14.93 -0.28 -4.80	13.16 -0.26 -3.44	35.37 -0.90 -4.36	24.45 -0.60 -4.89	29.46 -0.74 -6.97	28.29 -0.80 -3.78	27.24 -0.72 -5.62	89.35 -3.02 -2.44	134.04 -4.55 -3.55	291.10 -9.94 -2.88	135.99 -4.61 -0.88	123.27 -4.16 -0.06	123.27 -4.19 -2.54	24.59 -0.52 -8.41	19.60 -0.47 -4.23	8.80 0.01 -9.25
SITHE_IND_GS2 24170	7.67 -0.16 -1.30	0.34 0.04 -1.91	4.28 -0.07 -1.54	11.54 -0.30 -0.98	24.63 -0.82 -0.01	24.64 -0.80 -0.10	25.21 -0.73 -1.70	26.04 -0.65 -4.64	14.93 -0.28 -4.80	13.16 -0.26 -3.44	35.37 -0.90 -4.36	24.45 -0.60 -4.89	29.46 -0.74 -6.97	28.29 -0.80 -3.78	27.24 -0.72 -5.62	89.35 -3.02 -2.44	134.04 -4.55 -3.55	291.10 -9.94 -2.88	135.99 -4.61 -0.88	123.27 -4.16 -0.06	123.27 -4.19 -2.54	24.59 -0.52 -8.41	19.60 -0.47 -4.23	8.80 0.01 -9.25
SITHE_IND_GS3 24171	7.67 -0.16 -1.30	0.34 0.04 -1.91	4.28 -0.07 -1.54	11.54 -0.30 -0.98	24.63 -0.82 -0.01	24.64 -0.80 -0.10	25.21 -0.73 -1.70	26.04 -0.65 -4.64	14.93 -0.28 -4.80	13.16 -0.26 -3.44	35.37 -0.90 -4.36	24.45 -0.60 -4.89	29.46 -0.74 -6.97	28.29 -0.80 -3.78	27.24 -0.72 -5.62	89.35 -3.02 -2.44	134.04 -4.55 -3.55	291.10 -9.94 -2.88	135.99 -4.61 -0.88	123.27 -4.16 -0.06	123.27 -4.19 -2.54	24.59 -0.52 -8.41	19.60 -0.47 -4.23	8.80 0.01 -9.25
SITHE_IND_GS4 24172	7.67 -0.16 -1.30	0.34 0.04 -1.91	4.28 -0.07 -1.54	11.54 -0.30 -0.98	24.63 -0.82 -0.01	24.64 -0.80 -0.10	25.21 -0.73 -1.70	26.04 -0.65 -4.64	14.93 -0.28 -4.80	13.16 -0.26 -3.44	35.37 -0.90 -4.36	24.45 -0.60 -4.89	29.46 -0.74 -6.97	28.29 -0.80 -3.78	27.24 -0.72 -5.62	89.35 -3.02 -2.44	134.04 -4.55 -3.55	291.10 -9.94 -2.88	135.99 -4.61 -0.88	123.27 -4.16 -0.06	123.27 -4.19 -2.54	24.59 -0.52 -8.41	19.60 -0.47 -4.23	8.80 0.01 -9.25
SITHE____BATAVIA 24024	9.35 -0.25 -3.06	2.95 0.06 -4.51	6.30 -0.12 -3.61	12.52 -0.52 -2.19	24.18 -1.28 -0.02	23.63 -1.16 0.56	27.19 -1.09 -4.05	30.46 -0.82 -9.22	13.44 -0.36 -3.39	13.28 -0.31 -3.61	38.69 -0.96 -7.73	26.83 -0.91 -7.58	22.04 -0.96 0.23	11.50 -1.09 12.71	13.99 -0.88 7.47	33.36 -3.69 52.88	43.98 -5.59 85.46	303.17 -11.02 -16.02	119.01 -4.76 15.94	59.77 -3.82 63.77	138.39 -4.78 -18.25	33.85 -0.66 -17.80	20.81 -0.69 -5.67	22.74 0.02 -23.18
SITHE____INDEPEND 23800	7.67 -0.16 -1.30	0.34 0.04 -1.91	4.28 -0.07 -1.54	11.54 -0.30 -0.98	24.63 -0.82 -0.01	24.64 -0.80 -0.10	25.21 -0.73 -1.70	26.04 -0.65 -4.64	14.93 -0.28 -4.80	13.16 -0.26 -3.44	35.37 -0.90 -4.36	24.45 -0.60 -4.89	29.46 -0.74 -6.97	28.29 -0.80 -3.78	27.24 -0.72 -5.62	89.35 -3.02 -2.44	134.04 -4.55 -3.55	291.10 -9.94 -2.88	135.99 -4.61 -0.88	123.27 -4.16 -0.06	123.27 -4.19 -2.54	24.59 -0.52 -8.41	19.60 -0.47 -4.23	8.80 0.01 -9.25
SITHE____MASSENA 23902	6.36 -0.17 0.00	-1.57 0.04 0.00	2.74 -0.07 0.00	10.61 -0.25 0.00	24.99 -0.46 0.00	24.86 -0.49 0.00	23.62 -0.62 0.00	21.36 -0.69 0.00	9.98 -0.43 0.00	9.61 -0.37 0.00	30.90 -1.01 0.00	19.65 -0.51 0.00	22.71 -0.53 0.00	24.68 -0.63 0.00	21.78 -0.57 0.00	87.87 -2.06 0.00	131.97 -3.07 0.00	293.11 -5.05 0.00	136.76 -2.96 0.00	124.31 -3.05 0.00	122.24 -2.67 0.00	16.18 -0.52 0.00	15.50 -0.33 0.00	-0.47 -0.01 0.00
SITHE____OGDNSBRG 24021	6.41 -0.12 0.00	-1.58 0.03 0.00	2.77 -0.05 0.00	10.70 -0.15 0.00	25.21 -0.23 0.00	25.06 -0.29 0.00	23.79 -0.44 0.00	21.54 -0.51 0.00	10.04 -0.37 0.00	9.67 -0.31 0.00	31.16 -0.75 0.00	19.89 -0.27 0.00	23.02 -0.21 0.00	24.98 -0.32 0.00	22.01 -0.34 0.00	88.60 -1.32 0.00	133.42 -1.62 0.00	297.07 -1.09 0.00	138.34 -1.37 0.00	125.71 -1.65 0.00	123.63 -1.28 0.00	16.37 -0.34 0.00	15.72 -0.12 0.00	-0.48 -0.02 0.00
SITHE____STERLING 23777	7.55 0.17 -0.84	-0.42 -0.05 -1.23	3.88 0.08 -1.00	11.80 0.30 -0.63	26.21 0.76 -0.01	26.23 0.83 -0.06	26.25 0.92 -1.09	25.94 0.90 -2.99	13.96 0.43 -3.12	12.62 0.40 -2.23	35.95 1.20 -2.83	24.01 0.67 -3.18	28.55 0.78 -4.53	28.61 0.84 -2.46	26.75 0.75 -3.66	94.69 3.18 -1.59	142.35 4.99 -2.33	309.51 11.35 0.00	145.06 5.34 0.00	132.19 4.83 0.00	130.26 4.52 -0.82	22.62 0.58 -5.34	19.05 0.49 -2.72	5.45 -0.01 -5.93
SOUTH CAIRO____GT 23612	29.29 0.56 -22.20	30.91 -0.13 -32.65	29.33 0.24 -26.28	28.51 0.92 -16.73	27.75 2.15 -0.16	29.20 2.19 -1.66	55.42 2.19 -29.00	103.22 2.01 -79.15	93.19 0.96 -81.82	69.42 0.90 -58.53	109.15 2.94 -74.29	105.27 1.77 -83.34	144.03 2.03 -118.77	91.98 2.23 -64.45	120.16 1.98 -95.83	139.73 8.09 -41.71	208.06 12.54 -60.48	321.85 27.47 3.78	151.66 13.11 1.16	139.03 11.75 0.08	156.40 11.88 -19.61	157.59 1.58 -139.31	88.62 1.51 -71.27	154.67 -0.03 -155.16
SOUTH HAMPTN____IC 23720	27.81 0.98 -20.30	28.05 -0.19 -29.85	27.21 0.37 -24.03	27.60 1.45 -15.29	29.06 3.47 -0.15	30.40 3.53 -1.52	54.34 3.60 -26.51	105.76 3.25 -80.46	219.70 1.44 -207.85	64.82 1.31 -53.53	104.43 4.56 -67.95	99.28 2.90 -76.22	138.12 3.53 -111.36	114.47 3.87 -85.29	113.60 3.35 -87.91	142.43 13.57 -38.94	208.48 18.14 -55.32	331.37 37.26 4.06	159.46 20.99 1.24	146.10 18.83 0.09	160.61 18.04 -17.66	146.47 2.44 -127.32	83.28 2.30 -65.14	141.32 -0.03 -141.82
SOUTHOLD____IC 23719	27.90 1.08 -20.30	28.03 -0.21 -29.85	27.25 0.41 -24.03	27.73 1.58 -15.29	29.35 3.76 -0.15	30.71 3.85 -1.52	54.68 3.93 -26.51	106.09 3.59 -80.46	219.65 1.39 -207.85	64.89 1.37 -53.53	104.90 5.04 -67.95	99.57 3.19 -76.22	138.44 3.84 -111.36	114.82 4.23 -85.29	113.92 3.66 -87.91	143.81 14.94 -38.94	209.01 18.66 -55.32	330.46 36.36 4.06	161.89 23.42 1.24	148.48 21.21 0.09	162.91 20.34 -17.66	146.81 2.78 -127.32	83.59 2.61 -65.14	141.32 -0.03 -141.82
ST LAWRENCE____ 23600	6.29 -0.24 0.00	-1.55 0.06 0.00	2.71 -0.10 0.00	10.49 -0.36 0.00	24.70 -0.74 0.00	24.59 -0.75 0.00	23.41 -0.83 0.00	21.26 -0.80 0.00	9.98 -0.43 0.00	9.57 -0.42 0.00	30.62 -1.30 0.00	19.44 -0.73 0.00	22.43 -0.80 0.00	24.39 -0.91 0.00	21.54 -0.81 0.00	86.97 -2.96 0.00	130.61 -4.42 0.00	290.01 -8.16 0.00	135.33 -4.39 0.00	123.04 -4.33 0.00	120.99 -3.92 0.00	16.11 -0.59 0.00	15.32 -0.52 0.00	-0.46 0.00 0.00



STATION 5_MISC_HYD 23604	8.89 -0.12 -2.48	2.06 0.03 -3.64	5.68 -0.06 -2.94	12.48 -0.28 -1.90	24.75 -0.72 -0.02	25.13 -0.70 -0.48	26.95 -0.53 -3.25	31.15 -0.38 -9.48	22.16 -0.18 -11.93	17.96 -0.14 -8.12	40.81 -0.33 -9.22	27.82 -0.39 -8.05	41.74 -0.48 -18.99	39.48 -0.54 -14.71	39.80 -0.46 -17.92	112.50 -2.15 -24.73	171.02 -3.18 -39.16	326.53 -6.30 -34.67	154.34 -2.70 -17.33	146.98 -2.22 -21.84	137.10 -2.89 -15.08	34.18 -0.36 -17.83	24.55 -0.38 -9.09	18.23 0.01 -18.68
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	8.99 -0.03 -2.49	2.06 0.01 -3.66	5.74 -0.02 -2.95	12.66 -0.10 -1.90	25.21 -0.25 -0.02	25.51 -0.19 -0.36	27.48 -0.02 -3.27	31.41 0.09 -9.27	21.29 0.04 -10.83	17.55 0.06 -7.51	40.98 0.17 -8.89	28.02 -0.04 -7.90	39.89 -0.05 -16.71	36.91 -0.05 -11.65	37.33 -0.03 -15.01	106.10 -0.30 -16.47	160.73 -0.13 -25.83	320.98 0.36 -22.45	150.82 0.29 -10.82	140.64 0.41 -12.87	135.54 -0.17 -10.79	33.46 -0.04 -16.79	24.17 -0.10 -8.44	17.88 0.01 -18.33
STA_56_34_KV_BUS2_REV_LBMP_B 345033	8.85 -0.14 -2.46	2.04 0.03 -3.62	5.65 -0.07 -2.92	12.44 -0.31 -1.89	24.68 -0.78 -0.02	25.05 -0.76 -0.46	26.87 -0.59 -3.23	30.99 -0.44 -9.37	21.88 -0.20 -11.67	17.78 -0.16 -7.97	40.59 -0.43 -9.10	27.72 -0.43 -7.98	41.20 -0.53 -18.49	38.85 -0.59 -14.13	39.17 -0.52 -17.34	110.89 -2.33 -23.29	168.51 -3.38 -36.85	323.73 -6.74 -32.30	152.95 -2.90 -16.14	145.24 -2.44 -20.32	136.04 -3.08 -14.20	33.84 -0.39 -17.53	24.35 -0.41 -8.92	18.01 0.01 -18.47
STEEL___WIND 323596	9.90 -0.39 -3.75	4.01 0.10 -5.52	7.05 -0.18 -4.42	12.82 -0.74 -2.70	23.68 -1.79 -0.03	22.71 -1.87 0.76	27.21 -1.84 -4.81	31.72 -1.57 -11.24	14.36 -0.77 -4.72	14.03 -0.66 -4.71	39.46 -1.96 -9.50	27.36 -1.61 -8.80	22.75 -1.79 -1.31	9.85 -1.95 13.50	13.40 -1.65 7.29	24.57 -6.99 58.36	29.53 -10.58 94.92	32.00 -23.85 242.31	32.39 -10.73 96.59	43.11 -9.07 75.18	19.12 -9.69 96.10	17.21 -1.28 -1.79	17.39 -1.26 -2.81	15.48 0.02 -15.91
STEBEN_REC_LFGE 323667	10.98 -0.18 -4.63	5.26 0.06 -6.81	8.20 -0.09 -5.47	14.00 -0.30 -3.44	24.75 -0.73 -0.03	24.61 -0.78 -0.05	29.52 -0.72 -6.01	37.20 -0.51 -15.65	23.79 -0.25 -13.62	20.03 -0.20 -10.24	45.50 -0.72 -14.31	25.53 -0.72 -6.09	40.31 -0.70 -17.78	28.81 -0.84 -4.35	32.84 -0.70 -11.20	71.46 -2.97 15.50	105.22 -3.44 26.38	282.48 -7.75 7.93	125.40 -3.79 10.51	98.15 -3.70 25.50	125.35 -3.89 -4.32	38.60 -0.55 -22.45	24.52 -0.60 -9.29	31.71 0.01 -32.17
STONY___BROOK 24151	27.64 0.81 -20.30	28.08 -0.15 -29.85	27.14 0.30 -24.03	27.33 1.18 -15.29	28.43 2.84 -0.15	29.72 2.85 -1.52	53.64 2.89 -26.51	105.13 2.62 -80.46	219.48 1.23 -207.85	64.57 1.05 -53.53	103.57 3.70 -67.95	98.76 2.38 -76.22	137.56 2.97 -111.36	113.84 3.24 -85.29	113.03 2.77 -87.91	139.99 11.13 -38.94	205.47 15.12 -55.32	324.78 30.68 4.06	154.92 16.45 1.24	141.82 14.55 0.09	156.50 13.92 -17.66	145.92 1.90 -127.32	82.77 1.79 -65.14	141.33 -0.02 -141.82
STURGEON_POOL_HYD 23609	27.63 0.44 -20.66	28.67 -0.10 -30.38	27.45 0.18 -24.46	27.15 0.72 -15.57	27.40 1.81 -0.15	28.77 1.88 -1.55	53.14 1.92 -26.98	97.47 1.77 -73.65	87.42 0.86 -76.16	65.29 0.82 -54.48	103.67 2.61 -69.15	99.38 1.66 -77.56	135.74 1.96 -110.55	87.46 2.17 -59.98	113.43 1.92 -89.16	136.27 7.62 -38.72	202.76 11.44 -56.29	317.47 23.30 4.00	149.96 11.48 1.22	137.93 10.66 0.09	153.40 10.45 -18.03	147.67 1.37 -129.59	83.38 1.24 -66.30	143.88 -0.01 -144.35
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.92 0.41 -18.98	26.21 -0.09 -27.91	25.45 0.17 -22.47	25.83 0.66 -14.30	27.22 1.64 -0.14	28.47 1.71 -1.42	50.77 1.75 -24.79	91.33 1.61 -67.67	81.17 0.79 -69.98	60.80 0.76 -50.06	97.88 2.44 -63.53	92.97 1.54 -71.27	126.62 1.81 -101.57	82.43 2.01 -55.11	105.67 1.76 -81.57	131.45 6.98 -34.54	197.21 10.46 -51.72	315.03 21.07 4.21	148.83 10.41 1.29	136.77 9.50 0.09	150.69 9.44 -16.33	136.99 1.26 -119.02	77.90 1.16 -60.91	132.11 -0.01 -132.59
SYNERGY___BIOGAS 323694	9.35 -0.25 -3.06	2.95 0.06 -4.51	6.30 -0.12 -3.61	12.52 -0.52 -2.19	24.18 -1.28 -0.02	23.63 -1.16 0.56	27.19 -1.09 -4.05	30.46 -0.82 -9.22	13.44 -0.36 -3.39	13.28 -0.31 -3.61	38.69 -0.96 -7.73	26.83 -0.91 -7.58	22.04 -0.96 0.23	11.50 -1.09 12.71	13.99 -0.88 7.47	33.36 -3.69 52.88	43.98 -5.59 85.46	303.17 -11.02 -16.02	119.01 -4.76 15.94	59.77 -3.82 63.77	138.39 -4.78 -18.25	33.85 -0.66 -17.80	20.81 -0.69 -5.67	22.74 0.02 -23.18
SYRACUSE___ENERGY_ST1 323597	8.60 0.00 -2.07	1.44 0.00 -3.05	5.26 0.00 -2.46	12.38 -0.04 -1.56	25.31 -0.15 -0.02	25.40 -0.10 -0.16	26.92 -0.03 -2.71	29.46 0.01 -7.40	18.09 0.02 -7.65	15.49 0.03 -5.47	38.89 0.02 -6.95	27.91 -0.05 -7.80	34.29 -0.05 -11.11	31.28 -0.05 -6.03	31.25 -0.06 -8.96	93.55 -0.27 -3.89	140.32 -0.37 -5.66	300.61 -0.75 -3.20	140.39 -0.30 -0.98	127.21 -0.22 -0.07	127.91 -0.44 -3.43	29.96 -0.04 -13.30	22.50 -0.06 -6.72	14.21 0.00 -14.67
SYRACUSE___ENERGY_ST2 323598	8.60 0.00 -2.07	1.44 0.00 -3.05	5.26 0.00 -2.46	12.38 -0.04 -1.56	25.31 -0.15 -0.02	25.40 -0.10 -0.16	26.92 -0.03 -2.71	29.46 0.01 -7.40	18.09 0.02 -7.65	15.49 0.03 -5.47	38.89 0.02 -6.95	27.91 -0.05 -7.80	34.29 -0.05 -11.11	31.28 -0.05 -6.03	31.25 -0.06 -8.96	93.55 -0.27 -3.89	140.32 -0.37 -5.66	300.61 -0.75 -3.20	140.39 -0.30 -0.98	127.21 -0.22 -0.07	127.91 -0.44 -3.43	29.96 -0.04 -13.30	22.50 -0.06 -6.72	14.21 0.00 -14.67
SYRACUSE___POWER 24017	8.68 0.00 -2.15	1.56 0.00 -3.17	5.35 0.00 -2.55	12.45 -0.03 -1.62	25.31 -0.14 -0.02	25.40 -0.10 -0.16	27.03 -0.02 -2.81	29.75 0.03 -7.67	18.38 0.03 -7.94	15.70 0.04 -5.68	39.18 0.06 -7.21	29.00 -0.02 -8.86	34.72 -0.03 -11.52	31.53 -0.03 -6.25	31.60 -0.03 -9.29	93.74 -0.22 -4.04	140.65 -0.26 -5.87	297.57 -0.60 0.00	139.54 -0.17 0.00	127.26 -0.11 0.00	126.72 -0.26 -2.07	30.62 -0.02 -13.93	22.99 -0.05 -7.21	14.61 0.00 -15.07
TRIGEN___CC 323695	27.48 0.64 -20.30	28.11 -0.13 -29.85	27.08 0.24 -24.03	27.13 0.98 -15.29	27.99 2.40 -0.15	29.31 2.44 -1.52	53.25 2.50 -26.51	104.78 2.27 -80.46	219.35 1.09 -207.85	64.51 0.99 -53.53	103.28 3.42 -67.95	98.53 2.15 -76.22	137.22 2.63 -111.36	113.50 2.90 -85.29	112.75 2.49 -87.91	138.86 10.00 -38.94	204.45 14.10 -55.32	322.95 28.85 4.06	153.05 14.57 1.24	140.26 12.98 0.09	155.30 12.72 -17.66	145.75 1.73 -127.32	82.58 1.60 -65.14	141.34 -0.02 -141.82
UNION___PROCESSING_DRP 323587	8.89 -0.13 -2.50	2.09 0.03 -3.67	5.70 -0.07 -2.96	12.48 -0.30 -1.92	24.71 -0.75 -0.02	25.12 -0.73 -0.51	26.95 -0.56 -3.28	31.25 -0.42 -9.61	22.52 -0.20 -12.31	18.17 -0.16 -8.35	40.92 -0.38 -9.39	27.88 -0.43 -8.14	42.40 -0.52 -19.69	40.32 -0.59 -15.59	40.64 -0.51 -18.80	114.54 -2.32 -26.94	174.44 -3.38 -42.80	327.26 -6.81 -35.90	155.13 -2.89 -18.31	148.80 -2.42 -23.87	137.17 -3.05 -15.31	34.39 -0.37 -18.06	24.72 -0.40 -9.28	18.38 0.01 -18.84
UPPER HUDSON___HYD 24058	36.05 0.55 -28.96	40.84 -0.14 -42.58	37.32 0.23 -34.28	33.60 0.91 -21.82	27.83 2.18 -0.21	29.88 2.37 -2.17	64.60 2.55 -37.82	127.67 2.39 -103.22	117.95 1.13 -106.41	87.15 1.05 -76.12	131.87 3.34 -96.61	130.62 2.09 -108.38	180.09 2.39 -154.46	111.69 2.57 -83.81	149.30 2.34 -124.62	153.88 9.71 -54.24	229.17 15.46 -78.68	329.55 34.20 2.82	154.28 15.42 0.86	141.76 14.47 0.06	165.35 13.98 -26.45	200.22 1.74 -181.78	110.41 1.55 -93.02	202.02 -0.05 -202.53



UPPER RAQUET___HYD 24056	6.33 -0.20 0.00	-1.56 0.05 0.00	2.73 -0.08 0.00	10.58 -0.28 0.00	24.90 -0.55 0.00	24.67 -0.67 0.00	23.31 -0.92 0.00	21.09 -0.96 0.00	9.82 -0.59 0.00	9.46 -0.52 0.00	30.52 -1.39 0.00	19.58 -0.59 0.00	22.73 -0.51 0.00	24.67 -0.63 0.00	21.63 -0.71 0.00	86.71 -3.21 0.00	130.65 -4.38 0.00	290.87 -7.30 0.00	135.53 -4.18 0.00	123.07 -4.29 0.00	121.22 -3.69 0.00	16.14 -0.56 0.00	15.57 -0.26 0.00	-0.48 -0.01 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	15.74 0.33 -8.87	11.36 -0.08 -13.04	13.45 0.14 -10.50	18.09 0.55 -6.69	26.79 1.28 -0.06	27.29 1.29 -0.65	37.15 1.34 -11.58	54.91 1.25 -31.61	43.65 0.61 -32.63	33.91 0.59 -23.34	63.42 1.88 -29.62	54.50 1.11 -33.23	71.89 1.30 -47.36	52.46 1.45 -25.70	61.79 1.26 -38.18	111.54 5.07 -16.54	166.93 7.78 -24.12	303.38 16.25 11.04	144.25 7.91 3.37	134.50 7.38 0.24	135.74 7.29 -3.54	72.56 0.95 -54.91	45.00 0.84 -28.32	61.07 -0.01 -61.55
VISCHER___FERRY HYD 24020	34.99 0.46 -27.99	39.43 -0.12 -41.16	36.15 0.20 -33.13	32.74 0.79 -21.09	27.52 1.87 -0.20	29.37 1.93 -2.10	62.73 1.94 -36.56	123.61 1.77 -99.79	114.43 0.83 -103.19	84.58 0.77 -73.82	128.10 2.50 -93.70	126.82 1.56 -105.10	174.78 1.76 -149.79	108.48 1.90 -81.28	144.93 1.72 -120.86	149.48 6.93 -52.62	221.96 10.63 -76.30	318.09 22.78 2.86	149.50 10.66 0.88	137.22 9.92 0.06	160.31 9.80 -25.59	193.81 1.29 -175.82	106.94 1.21 -89.90	195.24 -0.03 -195.74
V_CMM_10_SYNC_DSASP 323787	6.31 -0.22 0.00	-1.56 0.05 0.00	2.72 -0.09 0.00	10.53 -0.32 0.00	24.79 -0.65 0.00	24.68 -0.66 0.00	23.50 -0.74 0.00	21.34 -0.71 0.00	10.02 -0.39 0.00	9.60 -0.38 0.00	30.74 -1.17 0.00	19.51 -0.65 0.00	22.52 -0.71 0.00	24.48 -0.82 0.00	21.62 -0.72 0.00	87.33 -2.60 0.00	131.14 -3.89 0.00	291.15 -7.01 0.00	135.84 -3.87 0.00	123.54 -3.82 0.00	121.49 -3.43 0.00	16.18 -0.52 0.00	15.38 -0.46 0.00	-0.47 0.00 0.00
V_CMP_10_SYNC_DSASP 323788	6.27 -0.26 0.00	-1.54 0.06 0.00	2.73 -0.08 0.00	10.57 -0.29 0.00	25.19 -0.25 0.00	25.45 0.11 0.00	24.37 0.13 0.00	22.31 0.26 0.00	10.49 0.08 0.00	9.82 -0.17 0.00	30.99 -0.92 0.00	19.55 -0.61 0.00	22.70 -0.53 0.00	24.60 -0.71 0.00	21.73 -0.62 0.00	89.31 -0.62 0.00	135.50 0.47 0.00	301.02 2.85 0.00	139.81 0.09 0.00	126.51 -0.86 0.00	125.67 0.76 0.00	16.79 0.08 0.00	15.88 0.04 0.00	-0.52 -0.06 0.00
V_F_30_SYNC_DSASP 323786	34.40 0.45 -27.41	38.59 -0.11 -40.31	35.46 0.20 -32.45	32.28 0.77 -20.66	27.46 1.82 -0.20	29.20 1.80 -2.05	61.68 1.64 -35.80	121.22 1.46 -97.71	111.94 0.69 -100.83	82.77 0.66 -72.13	125.67 2.20 -91.55	124.24 1.38 -102.70	171.12 1.52 -146.37	106.36 1.63 -79.42	141.92 1.47 -118.10	147.21 5.86 -51.42	218.40 8.82 -74.55	313.63 18.49 3.02	147.52 8.73 0.93	135.47 8.18 0.07	158.06 8.24 -24.90	189.86 1.10 -172.06	104.99 1.12 -88.03	191.18 -0.02 -191.67
V_XM_10_SYNC_DSASP 323789	6.27 -0.26 0.00	-1.54 0.06 0.00	2.73 -0.08 0.00	10.57 -0.29 0.00	25.19 -0.25 0.00	25.45 0.11 0.00	24.37 0.13 0.00	22.31 0.26 0.00	10.49 0.08 0.00	9.82 -0.17 0.00	30.99 -0.92 0.00	19.55 -0.61 0.00	22.70 -0.53 0.00	24.60 -0.71 0.00	21.73 -0.62 0.00	89.31 -0.62 0.00	135.50 0.47 0.00	301.02 2.85 0.00	139.81 0.09 0.00	126.51 -0.86 0.00	125.67 0.76 0.00	16.79 0.08 0.00	15.88 0.04 0.00	-0.52 -0.06 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	26.59 0.45 -19.61	27.12 -0.10 -28.83	26.20 0.18 -23.21	26.37 0.73 -14.77	27.38 1.79 -0.14	28.68 1.87 -1.47	51.75 1.91 -25.60	93.71 1.76 -69.89	83.55 0.86 -72.28	62.52 0.83 -51.71	100.28 2.74 -65.62	95.50 1.73 -73.61	130.19 2.05 -104.92	84.50 2.27 -56.93	108.43 1.97 -84.11	132.98 7.79 -35.27	200.13 11.67 -53.42	317.36 23.33 4.14	149.97 11.52 1.26	137.75 10.49 0.09	152.34 10.47 -16.96	141.06 1.40 -122.95	80.05 1.30 -62.91	136.48 -0.01 -136.96
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	27.36 0.53 -20.29	28.11 -0.12 -29.84	27.04 0.21 -24.02	26.98 0.83 -15.29	27.61 2.01 -0.15	28.97 2.10 -1.52	52.89 2.16 -26.50	96.36 1.96 -72.34	86.19 0.97 -74.81	64.45 0.96 -53.52	103.04 3.20 -67.92	98.40 2.04 -76.19	134.22 2.40 -108.59	86.91 2.69 -58.92	112.59 2.36 -87.88	138.35 9.50 -38.93	204.25 13.91 -55.30	321.65 27.54 4.06	151.99 13.52 1.24	139.64 12.36 0.09	154.90 12.33 -17.66	145.65 1.66 -127.29	82.54 1.58 -65.13	141.31 -0.01 -141.78
WADING RIVER_IC_1 23522	27.69 0.87 -20.30	28.07 -0.17 -29.85	27.16 0.32 -24.03	27.42 1.26 -15.29	28.64 3.05 -0.15	29.95 3.09 -1.52	53.89 3.15 -26.51	105.34 2.83 -80.46	219.56 1.30 -207.85	64.65 1.13 -53.53	103.80 3.94 -67.95	98.90 2.52 -76.22	137.70 3.10 -111.36	113.99 3.39 -85.29	113.18 2.93 -87.91	140.70 11.84 -38.94	206.15 15.80 -55.32	326.27 32.16 4.06	156.64 18.17 1.24	143.43 16.16 0.09	158.04 15.46 -17.66	146.13 2.10 -127.32	82.96 1.98 -65.14	141.33 -0.02 -141.82
WADING RIVER_IC_2 23547	27.69 0.87 -20.30	28.07 -0.17 -29.85	27.16 0.32 -24.03	27.42 1.26 -15.29	28.64 3.05 -0.15	29.95 3.09 -1.52	53.89 3.15 -26.51	105.34 2.83 -80.46	219.56 1.30 -207.85	64.65 1.13 -53.53	103.80 3.94 -67.95	98.90 2.52 -76.22	137.70 3.10 -111.36	113.99 3.39 -85.29	113.18 2.93 -87.91	140.70 11.84 -38.94	206.15 15.80 -55.32	326.27 32.16 4.06	156.64 18.17 1.24	143.43 16.16 0.09	158.04 15.46 -17.66	146.13 2.10 -127.32	82.96 1.98 -65.14	141.33 -0.02 -141.82
WADING RIVER_IC_3 23601	27.69 0.87 -20.30	28.07 -0.17 -29.85	27.16 0.32 -24.03	27.42 1.26 -15.29	28.64 3.05 -0.15	29.95 3.09 -1.52	53.89 3.15 -26.51	105.34 2.83 -80.46	219.56 1.30 -207.85	64.65 1.13 -53.53	103.80 3.94 -67.95	98.90 2.52 -76.22	137.70 3.10 -111.36	113.99 3.39 -85.29	113.18 2.93 -87.91	140.70 11.84 -38.94	206.15 15.80 -55.32	326.27 32.16 4.06	156.64 18.17 1.24	143.43 16.16 0.09	158.04 15.46 -17.66	146.13 2.10 -127.32	82.96 1.98 -65.14	141.33 -0.02 -141.82
WALDEN___HYDRO 24148	26.80 0.45 -19.82	27.43 -0.10 -29.14	26.45 0.18 -23.46	26.52 0.73 -14.93	27.35 1.77 -0.14	28.67 1.84 -1.48	52.00 1.89 -25.88	94.43 1.73 -70.65	84.31 0.85 -73.05	63.05 0.81 -52.26	100.86 2.62 -66.33	96.22 1.65 -74.40	131.21 1.93 -106.04	85.01 2.16 -57.54	109.68 1.89 -85.45	134.33 7.48 -36.92	200.30 11.26 -54.00	317.03 22.97 4.11	149.75 11.29 1.26	137.61 10.34 0.09	152.33 10.24 -17.18	142.36 1.37 -124.28	80.70 1.27 -63.59	137.97 -0.01 -138.44
WARRENSBURG____ 23737	36.05 0.55 -28.96	40.84 -0.14 -42.58	37.32 0.23 -34.28	33.60 0.91 -21.82	27.83 2.18 -0.21	29.88 2.37 -2.17	64.60 2.55 -37.82	127.67 2.39 -103.22	117.95 1.13 -106.41	87.15 1.05 -76.12	131.87 3.34 -96.61	130.62 2.09 -108.38	180.09 2.39 -154.46	111.69 2.57 -83.81	149.30 2.34 -124.62	153.88 9.71 -54.24	229.17 15.46 -78.68	329.55 34.20 2.82	154.28 15.42 0.86	141.76 14.47 0.06	165.35 13.98 -26.45	200.22 1.74 -181.78	110.41 1.55 -93.02	202.02 -0.05 -202.53
WATERSIDE___6 8 9 23538	27.39 0.56 -20.30	28.11 -0.12 -29.84	27.06 0.22 -24.02	27.04 0.89 -15.29	27.72 2.13 -0.15	29.09 2.22 -1.52	53.00 2.26 -26.50	96.45 2.05 -72.35	86.24 1.01 -74.82	64.52 1.01 -53.53	103.18 3.33 -67.94	98.49 2.12 -76.21	134.33 2.49 -108.61	87.03 2.78 -58.94	112.69 2.44 -87.90	138.56 9.71 -38.93	204.64 14.30 -55.31	322.46 28.36 4.06	152.58 14.11 1.24	140.15 12.87 0.09	155.41 12.83 -17.66	146.88 1.73 -128.45	82.62 1.64 -65.14	141.32 -0.01 -141.80



WDELAWARE___HYD 323627	25.20 0.39 -18.27	25.17 -0.09 -26.87	24.60 0.15 -21.63	25.26 0.63 -13.77	27.14 1.56 -0.13	28.38 1.66 -1.37	49.85 1.76 -23.86	88.85 1.65 -65.14	78.57 0.80 -67.36	58.92 0.75 -48.19	95.37 2.29 -61.16	90.21 1.44 -68.61	122.70 1.68 -97.78	80.25 1.89 -53.06	102.81 1.67 -78.79	131.81 7.83 -34.05	196.27 11.45 -49.79	319.31 25.42 4.28	151.91 13.51 1.31	138.44 11.18 0.09	151.35 10.81 -15.62	132.58 1.31 -114.56	75.62 1.15 -58.63	127.16 -0.01 -127.64
WEST BABYLON___IC 23714	27.64 0.81 -20.30	28.07 -0.16 -29.85	27.14 0.30 -24.03	27.37 1.21 -15.29	28.58 2.99 -0.15	29.89 3.02 -1.52	53.85 3.11 -26.51	105.34 2.83 -80.46	219.61 1.35 -207.85	64.70 1.18 -53.53	103.85 3.99 -67.95	98.89 2.51 -76.22	137.68 3.09 -111.36	114.03 3.43 -85.29	113.20 2.95 -87.91	140.85 11.99 -38.94	207.31 16.96 -55.32	329.63 35.53 4.06	156.59 18.11 1.24	143.40 16.13 0.09	158.12 15.54 -17.66	146.11 2.09 -127.32	82.89 1.91 -65.14	141.33 -0.03 -141.82
WEST CANADA___HYD 24049	6.10 0.05 0.48	-2.33 -0.01 0.71	2.26 0.02 0.57	10.58 0.09 0.36	25.64 0.20 0.00	25.51 0.20 0.04	23.82 0.22 0.63	20.53 0.20 1.72	8.78 0.09 1.73	8.84 0.09 1.24	30.62 0.27 1.57	18.57 0.17 1.76	20.93 0.21 2.51	24.18 0.24 1.36	20.54 0.22 2.02	89.83 0.79 0.88	134.97 1.16 1.22	300.52 2.36 0.00	140.85 1.14 0.00	128.49 1.12 0.00	125.50 1.02 0.43	13.95 0.14 2.89	14.48 0.13 1.49	-3.71 0.00 3.24
WESTERN_NY_WIND 24143	9.38 -0.26 -3.12	3.04 0.06 -4.59	6.35 -0.13 -3.67	12.52 -0.55 -2.21	24.11 -1.36 -0.02	23.46 -1.23 0.66	27.19 -1.17 -4.13	30.35 -0.89 -9.18	12.56 -0.40 -2.55	12.80 -0.35 -3.16	38.43 -1.06 -7.58	26.71 -0.98 -7.53	20.08 -1.04 2.12	8.73 -1.18 15.40	11.43 -0.95 9.97	25.49 -3.98 60.46	31.37 -6.02 97.64	300.28 -12.02 -14.13	115.33 -5.19 19.19	51.04 -4.23 72.09	138.30 -5.16 -18.53	33.78 -0.71 -17.78	20.42 -0.74 -5.33	23.15 0.02 -23.60
WESTOVER___LESR 323668	13.22 0.03 -6.66	8.18 0.00 -9.79	10.70 0.01 -7.87	15.88 0.03 -4.99	25.53 0.04 -0.05	25.72 0.07 -0.30	33.03 0.12 -8.68	45.50 0.15 -23.29	33.18 0.07 -22.70	26.56 0.07 -16.50	53.80 0.23 -21.65	43.05 -0.02 -22.91	55.15 0.06 -31.86	39.80 0.08 -14.42	46.40 0.08 -23.99	89.68 0.40 0.64	132.80 0.73 2.96	267.50 0.20 30.87	126.15 0.26 13.82	113.39 0.42 14.40	119.93 0.63 5.61	55.06 0.04 -38.31	35.26 -0.02 -19.45	44.85 0.01 -45.30
WETHRSFD_WT_PWR 323626	10.25 -0.44 -4.16	4.64 0.12 -6.12	7.52 -0.20 -4.91	13.15 -0.76 -3.04	23.64 -1.84 -0.03	23.14 -1.94 0.27	27.56 -1.99 -5.31	33.24 -1.71 -12.90	17.55 -0.83 -7.97	15.99 -0.73 -6.74	41.02 -2.19 -11.30	27.86 -1.72 -9.42	28.64 -1.90 -7.31	16.07 -2.08 7.15	19.89 -1.79 0.67	39.47 -7.29 43.17	53.54 -10.71 70.77	284.08 -25.19 -11.11	114.22 -11.72 13.76	63.77 -10.23 53.36	130.46 -10.60 -16.15	38.12 -1.41 -22.83	22.97 -1.34 -8.47	29.18 0.03 -29.62
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	26.59 0.43 -19.63	27.16 -0.09 -28.86	26.22 0.17 -23.23	26.34 0.69 -14.79	27.27 1.69 -0.14	28.57 1.76 -1.47	51.67 1.80 -25.63	93.67 1.65 -69.97	83.58 0.81 -72.36	62.53 0.78 -51.76	100.19 2.58 -65.70	95.50 1.64 -73.70	130.20 1.94 -105.03	84.45 2.15 -56.99	108.41 1.86 -84.20	132.55 7.34 -35.29	199.50 10.98 -53.48	315.81 21.77 4.13	149.25 10.80 1.26	137.10 9.83 0.09	151.73 9.83 -16.98	141.12 1.32 -123.09	80.05 1.23 -62.98	136.64 -0.01 -137.11
YORK___WARBASSE 23770	27.40 0.58 -20.30	28.11 -0.12 -29.84	27.06 0.23 -24.02	27.05 0.90 -15.29	27.75 2.17 -0.15	29.16 2.30 -1.52	53.07 2.34 -26.50	96.52 2.11 -72.35	86.28 1.05 -74.82	64.55 1.04 -53.53	103.34 3.49 -67.94	98.58 2.20 -76.21	134.45 2.61 -108.61	87.15 2.91 -58.94	112.77 2.52 -87.90	138.90 10.04 -38.93	205.06 14.72 -55.31	323.13 29.02 4.06	152.95 14.47 1.24	140.49 13.22 0.09	155.91 13.33 -17.67	147.23 1.80 -128.73	82.69 1.71 -65.14	141.32 -0.01 -141.80