

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/22/2022

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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	77.67	67.02	66.79	46.27	37.43	21.69	38.00	43.19	51.56	59.04	60.99	80.33	80.52	100.30	103.44	105.48	158.12	174.54	159.62	157.63	101.99	102.24	84.63	78.04
24138	3.56	1.83	3.03	2.07	2.02	-0.13	-0.25	0.95	2.62	4.75	4.51	3.03	2.29	5.97	4.11	2.79	1.11	2.43	2.89	-0.18	1.30	2.14	2.32	2.93
	-39.73	-46.90	-35.97	-24.67	-15.72	-23.05	-40.79	-33.00	-24.45	-10.63	-14.99	-49.67	-57.21	-36.57	-57.10	-74.71	-145.53	-145.87	-124.98	-159.71	-87.13	-78.63	-59.32	-46.76
74TH STREET_GT_1	77.69	67.04	66.78	46.27	37.41	21.69	38.01	43.18	51.52	58.96	60.91	80.29	80.52	100.23	103.42	105.49	158.19	174.60	159.69	157.70	102.02	102.25	84.63	78.06
24260	3.56	1.83	3.01	2.06	1.99	-0.13	-0.25	0.94	2.57	4.66	4.42	2.96	2.26	5.87	4.06	2.77	1.11	2.42	2.90	-0.18	1.30	2.12	2.30	2.92
	-39.75	-46.92	-35.98	-24.67	-15.72	-23.06	-40.80	-33.01	-24.45	-10.63	-14.99	-49.69	-57.23	-36.59	-57.13	-74.74	-145.60	-145.94	-125.04	-159.78	-87.17	-78.66	-59.35	-46.78
74TH STREET_GT_2	77.69	67.04	66.78	46.27	37.41	21.69	38.01	43.18	51.52	58.96	60.91	80.29	80.52	100.23	103.42	105.49	158.19	174.60	159.69	157.70	102.02	102.25	84.63	78.06
24261	3.56	1.83	3.01	2.06	1.99	-0.13	-0.25	0.94	2.57	4.66	4.42	2.96	2.26	5.87	4.06	2.77	1.11	2.42	2.90	-0.18	1.30	2.12	2.30	2.92
	-39.75	-46.92	-35.98	-24.67	-15.72	-23.06	-40.80	-33.01	-24.45	-10.63	-14.99	-49.69	-57.23	-36.59	-57.13	-74.74	-145.60	-145.94	-125.04	-159.78	-87.17	-78.66	-59.35	-46.78
ADK HUDSON___FALLS	55.75	26.36	35.89	59.01	45.40	34.30	60.32	60.93	59.77	55.98	57.39	57.60	54.06	65.64	60.32	64.28	44.88	84.42	58.19	77.16	74.13	69.75	54.52	41.57
24011	2.72	1.32	1.92	1.35	1.41	-0.09	-0.19	0.69	1.75	2.98	2.74	1.86	1.42	4.06	2.82	2.10	0.98	2.20	2.63	-0.15	1.11	1.58	1.64	1.93
	-18.65	-6.74	-6.18	-38.12	-24.30	-35.63	-63.05	-51.00	-33.53	-9.34	-13.16	-28.10	-31.61	-3.82	-15.26	-34.21	-32.43	-55.97	-23.81	-79.20	-59.47	-46.69	-29.90	-11.29
ADK RESOURCE___RCVRY	55.99	26.41	36.00	59.17	45.55	34.34	60.37	61.05	60.00	56.33	57.70	57.79	54.19	66.08	60.62	64.45	44.81	84.56	58.39	77.03	74.26	69.92	54.65	41.70
23798	2.98	1.44	2.08	1.46	1.53	-0.10	-0.21	0.75	1.94	3.32	3.03	2.04	1.57	4.56	3.19	2.32	1.10	2.48	3.00	-0.17	1.25	1.78	1.81	2.12
	-18.63	-6.68	-6.12	-38.17	-24.33	-35.67	-63.13	-51.07	-33.57	-9.34	-13.17	-28.11	-31.59	-3.76	-15.20	-34.15	-32.24	-55.84	-23.64	-79.10	-59.46	-46.66	-29.86	-11.23
ADK S GLENS___FALLS	55.75	26.36	35.89	59.01	45.40	34.30	60.32	60.93	59.77	55.98	57.39	57.60	54.06	65.64	60.32	64.28	44.88	84.42	58.19	77.16	74.13	69.75	54.52	41.57
24028	2.72	1.32	1.92	1.35	1.41	-0.09	-0.19	0.69	1.75	2.98	2.74	1.86	1.42	4.06	2.82	2.10	0.98	2.20	2.63	-0.15	1.11	1.58	1.64	1.93
	-18.65	-6.74	-6.18	-38.12	-24.30	-35.63	-63.05	-51.00	-33.53	-9.34	-13.16	-28.10	-31.61	-3.82	-15.26	-34.21	-32.43	-55.97	-23.81	-79.20	-59.47	-46.69	-29.90	-11.29
ADK_NYS___DAM	58.16	32.10	40.23	56.30	43.62	31.95	56.16	57.46	57.61	55.49	56.71	58.31	56.64	69.91	65.88	69.64	61.85	97.10	72.96	88.89	77.52	73.86	58.43	46.71
23527	2.10	1.03	1.67	1.17	1.24	-0.08	-0.16	0.61	1.38	2.39	2.00	1.41	1.11	3.25	2.02	1.51	0.63	1.47	1.86	-0.11	0.84	1.22	1.28	1.64
	-21.67	-12.77	-10.77	-35.59	-22.68	-33.26	-58.86	-47.62	-31.73	-9.44	-13.21	-29.27	-34.51	-8.89	-21.63	-40.15	-49.75	-69.39	-39.36	-90.90	-63.13	-51.16	-34.16	-16.71
AIR_PRODUCTS___DRP	49.18	20.54	31.17	54.89	42.44	31.31	55.05	56.08	55.41	52.84	53.89	51.58	47.20	59.59	52.70	54.99	29.56	67.60	43.94	60.11	63.59	59.98	47.00	35.60
24190	0.92	0.47	0.78	0.49	0.53	-0.04	-0.05	0.22	0.52	1.07	0.95	0.73	0.57	1.60	1.03	0.76	0.34	0.66	0.90	-0.04	0.31	0.44	0.50	0.69
	-13.89	-1.78	-2.59	-34.86	-22.21	-32.58	-57.65	-46.63	-30.40	-8.10	-11.44	-23.21	-25.60	-0.23	-9.44	-26.25	-17.75	-40.69	-11.30	-62.06	-49.73	-38.07	-23.52	-6.55
ALBANY___1	49.18	20.54	31.17	54.89	42.44	31.31	55.05	56.08	55.41	52.84	53.89	51.58	47.20	59.59	52.70	54.99	29.56	67.60	43.94	60.11	63.59	59.98	47.00	35.60
23571	0.92	0.47	0.78	0.49	0.53	-0.04	-0.05	0.22	0.52	1.07	0.95	0.73	0.57	1.60	1.03	0.76	0.34	0.66	0.90	-0.04	0.31	0.44	0.50	0.69
	-13.89	-1.78	-2.59	-34.86	-22.21	-32.58	-57.65	-46.63	-30.40	-8.10	-11.44	-23.21	-25.60	-0.23	-9.44	-26.25	-17.75	-40.69	-11.30	-62.06	-49.73	-38.07	-23.52	-6.55
ALBANY___2	49.18	20.54	31.17	54.89	42.44	31.31	55.05	56.08	55.41	52.84	53.89	51.58	47.20	59.59	52.70	54.99	29.56	67.60	43.94	60.11	63.59	59.98	47.00	35.60
23572	0.92	0.47	0.78	0.49	0.53	-0.04	-0.05	0.22	0.52	1.07	0.95	0.73	0.57	1.60	1.03	0.76	0.34	0.66	0.90	-0.04	0.31	0.44	0.50	0.69
	-13.89	-1.78	-2.59	-34.86	-22.21	-32.58	-57.65	-46.63	-30.40	-8.10	-11.44	-23.21	-25.60	-0.23	-9.44	-26.25	-17.75	-40.69	-11.30	-62.06	-49.73	-38.07	-23.52	-6.55
ALBANY___3	49.18	20.54	31.17	54.89	42.44	31.31	55.05	56.08	55.41	52.84	53.89	51.58	47.20	59.59	52.70	54.99	29.56	67.60	43.94	60.11	63.59	59.98	47.00	35.60
23573	0.92	0.47	0.78	0.49	0.53	-0.04	-0.05	0.22	0.52	1.07	0.95	0.73	0.57	1.60	1.03	0.76	0.34	0.66	0.90	-0.04	0.31	0.44	0.50	0.69
	-13.89	-1.78	-2.59	-34.86	-22.21	-32.58	-57.65	-46.63	-30.40	-8.10	-11.44	-23.21	-25.60	-0.23	-9.44	-26.25	-17.75	-40.69	-11.30	-62.06	-49.73	-38.07	-23.52	-6.55
ALBANY___4	49.18	20.54	31.17	54.89	42.44	31.31	55.05	56.08	55.41	52.84	53.89	51.58	47.20	59.59	52.70	54.99	29.56	67.60	43.94	60.11	63.59	59.98	47.00	35.60
23574	0.92	0.47	0.78	0.49	0.53	-0.04	-0.05	0.22	0.52	1.07	0.95	0.73	0.57	1.60	1.03	0.76	0.34	0.66	0.90	-0.04	0.31	0.44	0.50	0.69
	-13.89	-1.78	-2.59	-34.86	-22.21	-32.58	-57.65	-46.63	-30.40	-8.10	-11.44	-23.21	-25.60	-0.23	-9.44	-26.25	-17.75	-40.69	-11.30	-62.06	-49.73	-38.07	-23.52	-6.55

ALBANY___LFGE 323615	51.97 1.40 -16.19	23.35 0.71 -4.35	33.28 1.13 -4.36	56.13 0.74 -35.84	43.32 0.78 -22.84	32.21 -0.05 -33.50	56.65 -0.08 -59.28	57.53 0.34 -47.95	56.75 0.85 -31.40	53.89 1.65 -8.58	55.09 1.50 -12.09	53.89 1.10 -25.15	50.01 0.87 -28.12	62.25 2.44 -2.04	56.08 1.63 -12.22	58.97 1.21 -29.79	36.85 0.52 -24.86	75.00 1.09 -47.66	50.54 1.36 -17.43	67.59 -0.07 -69.57	67.78 0.51 -53.72	63.92 0.74 -41.71	50.08 0.79 -26.30	38.23 1.05 -8.83
ALCOA_RYNLDS___DRP 24188	17.30 -1.47 15.61	3.62 -0.67 14.00	26.77 -1.02 0.00	18.91 -0.63 0.00	19.09 -0.60 0.00	-1.20 0.04 0.00	-2.47 0.08 0.00	8.92 -0.32 0.00	23.62 -0.88 0.00	42.15 -1.51 0.00	40.32 -1.17 0.00	26.76 -0.88 0.00	20.29 -0.73 0.00	56.10 -1.67 0.00	41.15 -1.08 0.00	27.11 -0.86 0.00	11.13 -0.34 0.00	25.51 -0.73 0.00	31.07 -0.67 0.00	-1.84 0.06 0.00	13.14 -0.42 0.00	20.82 -0.65 0.00	22.43 -0.55 0.00	27.71 -0.64 0.00
ALCOA___DSASP 323711	17.30 -1.47 15.61	3.62 -0.67 14.00	26.77 -1.02 0.00	18.91 -0.63 0.00	19.09 -0.60 0.00	-1.20 0.04 0.00	-2.47 0.08 0.00	8.92 -0.32 0.00	23.62 -0.88 0.00	42.15 -1.51 0.00	40.32 -1.17 0.00	26.76 -0.88 0.00	20.29 -0.73 0.00	56.10 -1.67 0.00	41.15 -1.08 0.00	27.11 -0.86 0.00	11.13 -0.34 0.00	25.51 -0.73 0.00	31.07 -0.67 0.00	-1.84 0.06 0.00	13.14 -0.42 0.00	20.82 -0.65 0.00	22.43 -0.55 0.00	27.71 -0.64 0.00
ALLEGHENY___COGEN 23514	39.09 2.93 -1.77	20.05 1.52 -0.23	30.17 2.04 -0.33	25.33 1.33 -4.45	23.89 1.35 -2.84	2.84 -0.09 -4.16	4.63 -0.19 -7.36	15.71 0.52 -5.96	29.38 1.01 -3.88	46.46 1.75 -1.04	44.36 1.39 -1.48	31.67 0.77 -3.26	25.01 0.60 -3.39	124.03 2.36 -63.89	93.46 1.45 -49.78	32.81 1.33 -3.51	14.27 0.54 -2.27	32.82 1.38 -5.20	34.47 1.28 -1.44	5.89 -0.13 -7.93	20.87 0.96 -6.35	27.97 1.64 -4.86	27.61 1.62 -3.00	31.01 1.82 -0.84
ALTONA_WT_PWR 323606	17.40 -0.81 16.17	3.19 -0.59 14.51	26.98 -0.81 0.00	19.14 -0.40 0.00	19.36 -0.33 0.00	-1.23 0.01 0.00	-2.51 0.03 0.00	9.08 -0.16 0.00	24.12 -0.38 0.00	42.93 -0.73 0.00	41.01 -0.48 0.00	27.30 -0.34 0.00	20.54 -0.48 0.00	56.44 -1.33 0.00	41.46 -0.77 0.00	26.88 -1.10 0.00	11.06 -0.41 0.00	25.57 -0.67 0.00	31.51 -0.24 0.00	-1.82 0.08 0.00	12.92 -0.63 0.00	20.53 -0.94 0.00	22.35 -0.63 0.00	27.91 -0.44 0.00
AMERICAN_REF_FUEL 24010	36.32 0.35 -1.59	18.73 0.23 -0.20	28.14 0.05 -0.30	23.54 0.00 -4.00	22.35 0.10 -2.55	2.50 0.00 -3.74	4.02 -0.05 -6.61	14.60 0.02 -5.35	27.79 -0.19 -3.49	43.83 -0.77 -0.93	41.48 -1.34 -1.32	29.53 -1.03 -2.92	23.37 -0.69 -3.04	39.56 -2.40 15.81	29.26 -2.00 10.96	29.92 -1.03 -2.97	13.10 -0.40 -2.04	29.78 -1.14 -4.67	31.25 -1.79 -1.30	5.22 0.00 -7.12	19.10 -0.16 -5.70	25.67 -0.17 -4.37	25.51 -0.17 -2.70	28.76 -0.35 -0.75
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.37 2.26 -1.73	19.73 1.22 -0.22	29.34 1.22 -0.32	24.49 0.61 -4.34	23.06 0.61 -2.76	2.75 -0.07 -4.05	4.53 -0.09 -7.17	15.36 0.32 -5.80	29.39 1.12 -3.78	46.23 1.56 -1.01	44.01 1.08 -1.44	31.14 0.33 -3.17	24.47 0.15 -3.30	42.67 0.37 15.46	31.93 0.31 10.61	31.90 0.69 -3.23	14.02 0.34 -2.21	31.84 0.53 -5.06	33.42 0.27 -1.40	5.70 -0.11 -7.72	20.40 0.66 -6.18	27.40 1.20 -4.73	27.07 1.16 -2.92	30.47 1.30 -0.81
ARTHUR_KILL_GT_1 23520	77.50 3.37 -39.75	66.92 1.70 -46.92	66.59 2.82 -35.98	46.14 1.92 -24.67	37.28 1.86 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.87 -33.01	51.35 2.40 -24.45	58.67 4.37 -10.63	60.56 4.07 -14.99	80.06 2.73 -49.69	80.39 2.13 -57.23	99.72 5.37 -36.59	102.94 3.58 -57.13	105.12 2.40 -74.74	119.28 0.91 -106.90	138.83 1.99 -110.60	134.54 2.38 -100.41	132.30 -0.15 -134.35	101.90 1.18 -87.17	102.11 1.97 -78.66	84.51 2.18 -59.35	108.01 2.73 -76.92
ARTHUR_KILL_2 23512	77.35 3.22 -39.75	66.85 1.63 -46.92	66.49 2.71 -35.98	46.06 1.85 -24.67	37.21 1.79 -15.72	21.71 -0.11 -23.06	38.04 -0.22 -40.80	43.08 0.84 -33.01	51.25 2.30 -24.45	58.51 4.21 -10.63	60.39 3.91 -14.99	79.94 2.61 -49.69	80.30 2.05 -57.23	99.46 5.11 -36.59	102.76 3.40 -57.13	105.00 2.29 -74.74	119.23 0.86 -106.90	138.70 1.86 -110.60	134.39 2.23 -100.41	132.31 -0.14 -134.35	101.83 1.11 -87.17	102.01 1.88 -78.66	84.41 2.08 -59.35	107.89 2.62 -76.92
ARTHUR_KILL_3 23513	77.30 3.17 -39.74	66.83 1.62 -46.91	66.49 2.72 -35.98	46.09 1.88 -24.67	37.23 1.82 -15.72	21.70 -0.12 -23.06	38.03 -0.22 -40.80	43.09 0.85 -33.00	51.29 2.35 -24.45	58.54 4.24 -10.63	60.45 3.97 -14.99	79.98 2.66 -49.68	80.27 2.02 -57.22	99.52 5.18 -36.58	102.86 3.51 -57.12	105.08 2.38 -74.73	114.04 0.92 -101.65	120.15 2.00 -91.90	117.34 2.40 -83.20	108.23 -0.15 -110.28	101.82 1.11 -87.16	101.96 1.83 -78.65	84.32 2.00 -59.34	107.84 2.58 -76.91
ARTHUR_KILL_COGEN 323718	77.50 3.37 -39.75	66.92 1.70 -46.92	66.59 2.82 -35.98	46.14 1.92 -24.67	37.28 1.86 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.87 -33.01	51.35 2.40 -24.45	58.67 4.37 -10.63	60.56 4.07 -14.99	80.06 2.73 -49.69	80.39 2.13 -57.23	99.72 5.37 -36.59	102.94 3.58 -57.13	105.12 2.40 -74.74	119.28 0.91 -106.90	138.83 1.99 -110.60	134.54 2.38 -100.41	132.30 -0.15 -134.35	101.90 1.18 -87.17	102.11 1.97 -78.66	84.51 2.18 -59.35	108.01 2.73 -76.92
ASHOKAN____ 23654	62.09 1.21 -26.50	43.79 0.70 -24.79	49.02 1.36 -19.87	48.29 0.92 -27.83	38.32 0.89 -17.74	24.71 -0.05 -26.01	43.37 -0.11 -46.02	46.87 0.40 -37.23	51.28 0.99 -25.80	54.72 2.03 -9.02	56.06 1.82 -12.75	65.23 1.34 -36.26	63.03 1.03 -40.98	79.64 2.70 -19.17	78.04 1.98 -33.83	80.12 1.92 -50.23	95.89 0.91 -83.51	121.91 2.12 -93.54	104.35 2.57 -70.03	107.89 -0.13 -109.93	81.32 0.98 -66.79	80.26 1.44 -57.35	65.63 1.61 -41.03	57.55 2.00 -27.19
ASTORIA_EAST_ENERGY_CC1 323581	77.52 3.39 -39.75	66.95 1.73 -46.92	66.63 2.85 -35.98	46.14 1.92 -24.67	37.24 1.82 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.09 0.84 -33.01	51.29 2.34 -24.45	58.50 4.20 -10.63	60.37 3.88 -14.99	79.95 2.62 -49.69	80.26 2.01 -57.23	99.47 5.11 -36.59	102.93 3.56 -57.13	105.17 2.45 -74.74	158.02 0.94 -145.60	174.21 2.03 -145.94	159.34 2.54 -125.05	157.73 -0.16 -159.78	101.84 1.12 -87.17	101.98 1.85 -78.66	84.38 2.06 -59.35	77.95 2.82 -46.78
ASTORIA_EAST_ENERGY_CC2 323582	77.52 3.39 -39.75	66.95 1.73 -46.92	66.63 2.85 -35.98	46.14 1.92 -24.67	37.24 1.82 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.09 0.84 -33.01	51.29 2.34 -24.45	58.50 4.20 -10.63	60.37 3.88 -14.99	79.95 2.62 -49.69	80.26 2.01 -57.23	99.47 5.11 -36.59	102.93 3.56 -57.13	105.17 2.45 -74.74	158.02 0.94 -145.60	174.21 2.03 -145.94	159.34 2.54 -125.05	157.73 -0.16 -159.78	101.84 1.12 -87.17	101.98 1.85 -78.66	84.38 2.06 -59.35	77.95 2.82 -46.78
ASTORIA_GT2_I 24094	77.52 3.40 -39.75	66.95 1.74 -46.92	66.64 2.86 -35.98	46.13 1.92 -24.67	37.25 1.83 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.09 0.85 -33.01	51.30 2.35 -24.45	58.52 4.22 -10.63	60.40 3.91 -14.99	79.96 2.64 -49.69	80.27 2.02 -57.23	99.50 5.15 -36.59	102.94 3.58 -57.13	105.18 2.46 -74.74	158.02 0.95 -145.60	174.23 2.05 -145.94	159.36 2.56 -125.05	157.73 -0.16 -159.78	101.85 1.13 -87.17	101.99 1.86 -78.66	84.40 2.07 -59.35	77.98 2.84 -46.78

ASTORIA_GT2_2 24095	77.52 3.40 -39.75	66.95 1.74 -46.92	66.64 2.86 -35.98	46.13 1.92 -24.67	37.25 1.83 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.09 0.85 -33.01	51.30 2.35 -24.45	58.52 4.22 -10.63	60.40 3.91 -14.99	79.96 2.64 -49.69	80.27 2.02 -57.23	99.50 5.15 -36.59	102.94 3.58 -57.13	105.18 2.46 -74.74	158.02 0.95 -145.60	174.23 2.05 -145.94	159.36 2.56 -125.05	157.73 -0.16 -159.78	101.85 1.13 -87.17	101.99 1.86 -78.66	84.40 2.07 -59.35	77.98 2.84 -46.78
ASTORIA_GT2_3 24096	77.52 3.40 -39.75	66.95 1.74 -46.92	66.64 2.86 -35.98	46.13 1.92 -24.67	37.25 1.83 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.09 0.85 -33.01	51.30 2.35 -24.45	58.52 4.22 -10.63	60.40 3.91 -14.99	79.96 2.64 -49.69	80.27 2.02 -57.23	99.50 5.15 -36.59	102.94 3.58 -57.13	105.18 2.46 -74.74	158.02 0.95 -145.60	174.23 2.05 -145.94	159.36 2.56 -125.05	157.73 -0.16 -159.78	101.85 1.13 -87.17	101.99 1.86 -78.66	84.40 2.07 -59.35	77.98 2.84 -46.78
ASTORIA_GT2_4 24097	77.52 3.40 -39.75	66.95 1.74 -46.92	66.64 2.86 -35.98	46.13 1.92 -24.67	37.25 1.83 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.09 0.85 -33.01	51.30 2.35 -24.45	58.52 4.22 -10.63	60.40 3.91 -14.99	79.96 2.64 -49.69	80.27 2.02 -57.23	99.50 5.15 -36.59	102.94 3.58 -57.13	105.18 2.46 -74.74	158.02 0.95 -145.60	174.23 2.05 -145.94	159.36 2.56 -125.05	157.73 -0.16 -159.78	101.85 1.13 -87.17	101.99 1.86 -78.66	84.40 2.07 -59.35	77.98 2.84 -46.78
ASTORIA_GT3_1 24098	77.52 3.40 -39.75	66.95 1.74 -46.92	66.64 2.86 -35.98	46.13 1.92 -24.67	37.25 1.83 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.09 0.85 -33.01	51.30 2.35 -24.45	58.52 4.22 -10.63	60.40 3.91 -14.99	79.96 2.64 -49.69	80.27 2.02 -57.23	99.50 5.15 -36.59	102.94 3.58 -57.13	105.18 2.46 -74.74	158.02 0.95 -145.60	174.23 2.05 -145.94	159.36 2.56 -125.05	157.73 -0.16 -159.78	101.85 1.13 -87.17	101.99 1.86 -78.66	84.40 2.07 -59.35	77.98 2.84 -46.78
ASTORIA_GT3_2 24099	77.52 3.40 -39.75	66.95 1.74 -46.92	66.64 2.86 -35.98	46.13 1.92 -24.67	37.25 1.83 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.09 0.85 -33.01	51.30 2.35 -24.45	58.52 4.22 -10.63	60.40 3.91 -14.99	79.96 2.64 -49.69	80.27 2.02 -57.23	99.50 5.15 -36.59	102.94 3.58 -57.13	105.18 2.46 -74.74	158.02 0.95 -145.60	174.23 2.05 -145.94	159.36 2.56 -125.05	157.73 -0.16 -159.78	101.85 1.13 -87.17	101.99 1.86 -78.66	84.40 2.07 -59.35	77.98 2.84 -46.78
ASTORIA_GT3_3 24100	77.52 3.40 -39.75	66.95 1.74 -46.92	66.64 2.86 -35.98	46.13 1.92 -24.67	37.25 1.83 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.09 0.85 -33.01	51.30 2.35 -24.45	58.52 4.22 -10.63	60.40 3.91 -14.99	79.96 2.64 -49.69	80.27 2.02 -57.23	99.50 5.15 -36.59	102.94 3.58 -57.13	105.18 2.46 -74.74	158.02 0.95 -145.60	174.23 2.05 -145.94	159.36 2.56 -125.05	157.73 -0.16 -159.78	101.85 1.13 -87.17	101.99 1.86 -78.66	84.40 2.07 -59.35	77.98 2.84 -46.78
ASTORIA_GT3_4 24101	77.52 3.40 -39.75	66.95 1.74 -46.92	66.64 2.86 -35.98	46.13 1.92 -24.67	37.25 1.83 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.09 0.85 -33.01	51.30 2.35 -24.45	58.52 4.22 -10.63	60.40 3.91 -14.99	79.96 2.64 -49.69	80.27 2.02 -57.23	99.50 5.15 -36.59	102.94 3.58 -57.13	105.18 2.46 -74.74	158.02							

ASTORIA_GT_13 24227	77.41 3.28 -39.75	66.88 1.67 -46.92	66.57 2.79 -35.98	46.12 1.90 -24.67	37.26 1.84 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.86 -33.01	51.33 2.38 -24.45	58.60 4.30 -10.63	60.54 4.05 -14.99	80.01 2.68 -49.69	80.31 2.06 -57.23	99.62 5.27 -36.59	102.91 3.54 -57.13	105.12 2.41 -74.74	158.02 0.94 -145.60	174.23 2.05 -145.94	159.26 2.47 -125.04	157.73 -0.15 -159.78	101.84 1.12 -87.17	102.02 1.89 -78.66	84.40 2.07 -59.35	77.87 2.74 -46.78
ASTORIA_GT_5 24106	77.62 3.49 -39.75	66.99 1.78 -46.92	66.70 2.92 -35.98	46.18 1.97 -24.67	37.30 1.88 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.12 0.87 -33.01	51.36 2.41 -24.45	58.63 4.33 -10.63	60.51 4.02 -14.99	80.05 2.72 -49.69	80.33 2.08 -57.23	99.68 5.32 -36.59	103.07 3.71 -57.13	105.27 2.55 -74.74	158.06 0.98 -145.60	174.31 2.13 -145.94	159.46 2.67 -125.05	157.72 -0.16 -159.78	101.89 1.17 -87.17	102.06 1.93 -78.66	84.46 2.14 -59.35	78.05 2.91 -46.78
ASTORIA_GT_7 24107	77.62 3.49 -39.75	66.99 1.78 -46.92	66.70 2.92 -35.98	46.18 1.97 -24.67	37.30 1.88 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.12 0.87 -33.01	51.36 2.41 -24.45	58.63 4.33 -10.63	60.51 4.02 -14.99	80.05 2.72 -49.69	80.33 2.08 -57.23	99.68 5.32 -36.59	103.07 3.71 -57.13	105.27 2.55 -74.74	158.06 0.98 -145.60	174.31 2.13 -145.94	159.46 2.67 -125.05	157.72 -0.16 -159.78	101.89 1.17 -87.17	102.06 1.93 -78.66	84.46 2.14 -59.35	78.05 2.91 -46.78
ASTORIA_GT_8 24108	77.62 3.49 -39.75	66.99 1.78 -46.92	66.70 2.92 -35.98	46.18 1.97 -24.67	37.30 1.88 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.12 0.87 -33.01	51.36 2.41 -24.45	58.63 4.33 -10.63	60.51 4.02 -14.99	80.05 2.72 -49.69	80.33 2.08 -57.23	99.68 5.32 -36.59	103.07 3.71 -57.13	105.27 2.55 -74.74	158.06 0.98 -145.60	174.31 2.13 -145.94	159.46 2.67 -125.05	157.72 -0.16 -159.78	101.89 1.17 -87.17	102.06 1.93 -78.66	84.46 2.14 -59.35	78.05 2.91 -46.78
ASTORIA___2 24149	77.52 3.40 -39.75	66.95 1.74 -46.92	66.64 2.86 -35.98	46.13 1.92 -24.67	37.25 1.83 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.09 0.85 -33.01	51.30 2.35 -24.45	58.52 4.22 -10.63	60.40 3.91 -14.99	79.96 2.64 -49.69	80.27 2.02 -57.23	99.50 5.15 -36.59	102.94 3.58 -57.13	105.18 2.46 -74.74	158.02 0.95 -145.60	174.23 2.05 -145.94	159.36 2.56 -125.05	157.73 -0.16 -159.78	101.85 1.13 -87.17	101.99 1.86 -78.66	84.40 2.07 -59.35	77.98 2.84 -46.78
ASTORIA___3 23516	77.41 3.28 -39.75	66.88 1.67 -46.92	66.57 2.79 -35.98	46.12 1.90 -24.67	37.26 1.84 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.86 -33.01	51.33 2.38 -24.45	58.60 4.30 -10.63	60.54 4.05 -14.99	80.01 2.68 -49.69	80.31 2.06 -57.23	99.62 5.27 -36.59	102.90 3.54 -57.13	105.12 2.41 -74.74	158.02 0.94 -145.60	174.23 2.05 -145.94	159.26 2.47 -125.04	157.73 -0.15 -159.78	101.84 1.12 -87.17	102.02 1.89 -78.66	84.40 2.07 -59.35	77.87 2.74 -46.78
ASTORIA___4 23517	77.41 3.28 -39.75	66.88 1.67 -46.92	66.57 2.79 -35.98	46.12 1.90 -24.67	37.26 1.84 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.86 -33.01	51.33 2.38 -24.45	58.60 4.30 -10.63	60.54 4.05 -14.99	80.01 2.68 -49.69	80.31 2.06 -57.23	99.62 5.27 -36.59	102.90 3.54 -57.13	105.12 2.41 -74.74	158.02 0.94 -145.60	174.23 2.05 -145.94	159.26 2.47 -125.04	157.73 -0.15 -159.78	101.84 1.12 -87.17	102.02 1.89 -78.66	84.40 2.07 -59.35	77.87 2.74 -46.78
ASTORIA___5 23518	77.41 3.28 -39.75	66.88 1.67 -46.92	66.57 2.79 -35.98	46.12 1.90 -24.67	37.26 1.84 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.86 -33.01	51.33 2.38 -24.45	58.60 4.30 -10.63	60.54 4.05 -14.99	80.01 2.68 -49.69	80.31 2.06 -57.23	99.62 5.27 -36.59	102.90 3.54 -57.13	105.12 2.41 -74.74	158.02 0.94 -145.60	174.23 2.05 -145.94	159.26 2.47 -125.04	157.73 -0.15 -159.78	101.84 1.12 -87.17	102.02 1.89 -78.66	84.40 2.07 -59.35	77.87 2.74 -46.78
AST_ENERGY_2_CC3 323677	77.33 3.21 -39.74	66.85 1.65 -46.91	66.54 2.77 -35.98	46.12 1.90 -24.67	37.26 1.84 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.10 0.86 -33.00	51.30 2.36 -24.45	58.57 4.27 -10.63	60.50 4.01 -14.99	79.98 2.66 -49.68	80.28 2.04 -57.22	99.57 5.22 -36.58	102.92 3.57 -57.12	105.15 2.44 -74.73	158.02 0.97 -145.58	174.25 2.09 -145.91	159.29 2.52 -125.02	157.70 -0.15 -159.75	101.84 1.13 -87.15	101.99 1.87 -78.65	84.37 2.04 -59.34	77.76 2.63 -46.77
AST_ENERGY_2_CC4 323678	77.33 3.21 -39.74	66.85 1.65 -46.91	66.54 2.77 -35.98	46.12 1.90 -24.67	37.26 1.84 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.10 0.86 -33.00	51.30 2.36 -24.45	58.57 4.27 -10.63	60.50 4.01 -14.99	79.98 2.66 -49.68	80.28 2.04 -57.22	99.57 5.22 -36.58	102.92 3.57 -57.12	105.15 2.44 -74.73	158.02 0.97 -145.58	174.25 2.09 -145.91	159.29 2.52 -125.02	157.70 -0.15 -159.75	101.84 1.13 -87.15	101.99 1.87 -78.65	84.37 2.04 -59.34	77.76 2.63 -46.77
ATHENS_STG_1 23668	30.61 1.32 5.08	-4.71 0.68 23.68	12.00 1.10 16.88	49.04 0.75 -28.74	38.72 0.71 -18.32	25.58 -0.04 -26.86	44.91 -0.08 -47.53	48.01 0.32 -38.45	48.78 0.86 -23.42	49.15 1.54 -3.95	48.70 1.44 -5.77	33.07 1.01 -4.42	22.63 0.78 -0.83	39.70 2.03 20.10	23.33 1.41 20.31	19.35 1.01 9.63	-47.57 0.42 59.47	-4.54 0.90 31.69	-23.03 1.09 55.88	-15.33 -0.07 13.36	26.08 0.46 -12.06	24.77 0.71 -2.59	19.35 0.76 4.39	11.26 0.98 18.07
ATHENS_STG_2 23670	30.61 1.32 5.08	-4.71 0.68 23.68	12.00 1.10 16.88	49.04 0.75 -28.74	38.72 0.71 -18.32	25.58 -0.04 -26.86	44.91 -0.08 -47.53	48.01 0.32 -38.45	48.78 0.86 -23.42	49.15 1.54 -3.95	48.70 1.44 -5.77	33.07 1.01 -4.42	22.63 0.78 -0.83	39.70 2.03 20.10	23.33 1.41 20.31	19.35 1.01 9.63	-47.57 0.42 59.47	-4.54 0.90 31.69	-23.03 1.09 55.88	-15.33 -0.07 13.36	26.08 0.46 -12.06	24.77 0.71 -2.59	19.35 0.76 4.39	11.26 0.98 18.07
ATHENS_STG_3 23677	30.61 1.32 5.08	-4.71 0.68 23.68	12.00 1.10 16.88	49.04 0.75 -28.74	38.72 0.71 -18.32	25.58 -0.04 -26.86	44.91 -0.08 -47.53	48.01 0.32 -38.45	48.78 0.86 -23.42	49.15 1.54 -3.95	48.70 1.44 -5.77	33.07 1.01 -4.42	22.63 0.78 -0.83	39.70 2.03 20.10	23.33 1.41 20.31	19.35 1.01 9.63	-47.57 0.42 59.47	-4.54 0.90 31.69	-23.03 1.09 55.88	-15.33 -0.07 13.36	26.08 0.46 -12.06	24.77 0.71 -2.59	19.35 0.76 4.39	11.26 0.98 18.07
AUBURN___LFGE 323710	36.90 1.19 -1.33	19.16 0.70 -0.17	28.93 0.90 -0.25	23.47 0.61 -3.33	22.41 0.60 -2.12	1.83 -0.04 -3.11	2.88 -0.08 -5.50	13.98 0.30 -4.45	28.20 0.80 -2.90	45.83 1.39 -0.77	43.93 1.33 -1.10	30.81 0.73 -2.43	24.15 0.61 -2.53	59.46 1.67 -0.02	44.30 1.18 -0.90	31.32 0.84 -2.50	13.47 0.30 -1.69	30.81 0.68 -3.88	33.48 0.65 -1.08	3.96 -0.06 -5.92	18.72 0.42 -4.74	25.80 0.69 -3.63	25.89 0.67 -2.24	29.78 0.80 -0.62
BABYLON_RES_REC 323704	77.59 3.45 -39.76	67.05 1.82 -46.93	90.80 3.18 -59.83	46.84 2.17 -25.12	37.53 2.11 -15.73	21.69 -0.14 -23.06	38.04 -0.23 -40.81	43.10 0.85 -33.02	51.29 2.33 -24.46	58.58 4.27 -10.64	137.52 4.11 -91.91	160.41 2.65 -130.13	165.03 2.02 -141.99	173.79 5.06 -110.96	273.45 3.64 -227.58	443.37 2.46 -412.94	401.43 1.03 -388.93	459.99 2.21 -431.54	506.23 2.70 -471.78	358.07 -0.17 -360.14	411.88 1.25 -397.07	378.89 1.99 -355.43	327.80 2.32 -302.49	95.35 2.97 -64.02

BARRETT_IC_1 23704	77.63 3.49 -39.76	67.10 1.87 -46.93	90.83 3.21 -59.83	46.86 2.19 -25.12	37.57 2.15 -15.73	21.68 -0.14 -23.06	38.03 -0.23 -40.81	43.13 0.88 -33.02	51.35 2.39 -24.46	58.64 4.34 -10.64	137.72 4.32 -91.91	160.65 2.89 -130.13	165.08 2.07 -141.99	173.94 5.22 -110.96	273.50 3.70 -227.57	443.40 2.49 -412.93	401.43 1.03 -388.92	460.02 2.24 -431.53	506.25 2.73 -471.77	358.07 -0.17 -360.13	411.85 1.23 -397.06	378.94 2.04 -355.43	327.82 2.34 -302.49	95.40 3.02 -64.02
BARRETT_IC_10 23701	77.63 3.49 -39.76	67.10 1.87 -46.93	90.83 3.21 -59.83	46.86 2.19 -25.12	37.57 2.15 -15.73	21.68 -0.14 -23.06	38.03 -0.23 -40.81	43.13 0.88 -33.02	51.35 2.39 -24.46	58.64 4.34 -10.64	137.72 4.32 -91.91	160.65 2.89 -130.13	165.08 2.07 -141.99	173.94 5.22 -110.96	273.50 3.70 -227.57	443.40 2.49 -412.93	401.43 1.03 -388.92	460.02 2.24 -431.53	506.25 2.73 -471.77	358.07 -0.17 -360.13	411.85 1.23 -397.06	378.94 2.04 -355.43	327.82 2.34 -302.49	95.40 3.02 -64.02
BARRETT_IC_11 23702	77.63 3.49 -39.76	67.10 1.87 -46.93	90.83 3.21 -59.83	46.86 2.19 -25.12	37.57 2.15 -15.73	21.68 -0.14 -23.06	38.03 -0.23 -40.81	43.13 0.88 -33.02	51.35 2.39 -24.46	58.64 4.34 -10.64	137.72 4.32 -91.91	160.65 2.89 -130.13	165.08 2.07 -141.99	173.94 5.22 -110.96	273.50 3.70 -227.57	443.40 2.49 -412.93	401.43 1.03 -388.92	460.02 2.24 -431.53	506.25 2.73 -471.77	358.07 -0.17 -360.13	411.85 1.23 -397.06	378.94 2.04 -355.43	327.82 2.34 -302.49	95.40 3.02 -64.02
BARRETT_IC_12 23703	77.63 3.49 -39.76	67.10 1.87 -46.93	90.83 3.21 -59.83	46.86 2.19 -25.12	37.57 2.15 -15.73	21.68 -0.14 -23.06	38.03 -0.23 -40.81	43.13 0.88 -33.02	51.35 2.39 -24.46	58.64 4.34 -10.64	137.72 4.32 -91.91	160.65 2.89 -130.13	165.08 2.07 -141.99	173.94 5.22 -110.96	273.50 3.70 -227.57	443.40 2.49 -412.93	401.43 1.03 -388.92	460.02 2.24 -431.53	506.25 2.73 -471.77	358.07 -0.17 -360.13	411.85 1.23 -397.06	378.94 2.04 -355.43	327.82 2.34 -302.49	95.40 3.02 -64.02
BARRETT_IC_2 23705	77.63 3.49 -39.76	67.10 1.87 -46.93	90.83 3.21 -59.83	46.86 2.19 -25.12	37.57 2.15 -15.73	21.68 -0.14 -23.06	38.03 -0.23 -40.81	43.13 0.88 -33.02	51.35 2.39 -24.46	58.64 4.34 -10.64	137.72 4.32 -91.91	160.65 2.89 -130.13	165.08 2.07 -141.99	173.94 5.22 -110.96	273.50 3.70 -227.57	443.40 2.49 -412.93	401.43 1.03 -388.92	460.02 2.24 -431.53	506.25 2.73 -471.77	358.07 -0.17 -360.13	411.85 1.23 -397.06	378.94 2.04 -355.43	327.82 2.34 -302.49	95.40 3.02 -64.02
BARRETT_IC_3 23706	77.63 3.49 -39.76	67.10 1.87 -46.93	90.83 3.21 -59.83	46.86 2.19 -25.12	37.57 2.15 -15.73	21.68 -0.14 -23.06	38.03 -0.23 -40.81	43.13 0.88 -33.02	51.35 2.39 -24.46	58.64 4.34 -10.64	137.72 4.32 -91.91	160.65 2.89 -130.13	165.08 2.07 -141.99	173.94 5.22 -110.96	273.50 3.70 -227.57	443.40 2.49 -412.93	401.43 1.03 -388.92	460.02 2.24 -431.53	506.25 2.73 -471.77	358.07 -0.17 -360.13	411.85 1.23 -397.06	378.94 2.04 -355.43	327.82 2.34 -302.49	95.40 3.02 -64.02
BARRETT_IC_4 23707	77.63 3.49 -39.76	67.10 1.87 -46.93	90.83 3.21 -59.83	46.86 2.19 -25.12	37.57 2.15 -15.73	21.68 -0.14 -23.06	38.03 -0.23 -40.81	43.13 0.88 -33.02	51.35 2.39 -24.46	58.64 4.34 -10.64	137.72 4.32 -91.91	160.65 2.89 -130.13	165.08 2.07 -141.99	173.94 5.22 -110.96	273.50 3.70 -227.57	443.40 2.49 -412.93	401.43 1.03 -388.92	460.02 2.24 -431.53	506.25 2.73 -471.77	358.07 -0.17 -360.13	411.85 1.23 -397.06	378.94 2.04 -355.43	327.82 2.34 -302.49	95.40 3.02 -64.02
BARRETT_IC_5 23708	77.63 3.49 -39.76	67.10 1.87 -46.93	90.83 3.21 -59.83	46.86 2.19 -25.12	37.57 2.15 -15.73	21.68 -0.14 -23.06	38.03 -0.23 -40.81	43.13 0.88 -33.02	51.35 2.39 -24.46	58.64 4.34 -10.64	137.72 4.32 -91.91	160.65 2.89 -130.13	165.08 2.07 -141.99	173.94 5.22 -110.96	273.50 3.70 -227.57	443.40 2.49 -412.93	401.43 1.03 -388.92	460.02 2.24 -431.53	506.25 2.73 -471.77	358.07 -0.17 -360.13	411.85 1.23 -397.06	378.94 2.04 -355.43	327.82 2.34 -302.49	95.40 3.02 -64.02
BARRETT_IC_6 23709	77.63 3.49 -39.76	67.10 1.87 -46.93	90.83 3.21 -59.83	46.86 2.19 -25.12	37.57 2.15 -15.73	21.68 -0.14 -23.06	38.03 -0.23 -40.81	43.13 0.88 -33.02	51.35 2.39 -24.46	58.64 4.34 -10.64	137.72 4.32 -91.91	160.65 2.89 -130.13	165.08 2.07 -141.99	173.94 5.22 -110.96	273.50 3.70 -227.57	443.40 2.49 -412.93	401.43 1.03 -388.92	460.02 2.24 -431.53	506.25 2.73 -471.77	358.07 -0.17 -360.13	411.85 1.23 -397.06	378.94 2.04 -355.43	327.82 2.34 -302.49	95.40 3.02 -64.02
BARRETT_IC_7 23710	77.63 3.49 -39.76	67.10 1.87 -46.93	90.83 3.21 -59.83	46.86 2.19 -25.12	37.57 2.15 -15.73	21.68 -0.14 -23.06	38.03 -0.23 -40.81	43.13 0.88 -33.02	51.35 2.39 -24.46	58.64 4.34 -10.64	137.72 4.32 -91.91	160.65 2.89 -130.13	165.08 2.07 -141.99	173.94 5.22 -110.96	273.50 3.70 -227.57	443.40 2.49 -412.93	401.43 1.03 -388.92	460.02 2.24 -431.53	506.25 2.73 -471.77	358.07 -0.17 -360.13	411.85 1.23 -397.06	378.94 2.04 -355.43	327.82 2.34 -302.49	95.40 3.02 -64.02
BARRETT_IC_8 23711	77.63 3.49 -39.76	67.10 1.87 -46.93	90.83 3.21 -59.83	46.86 2.19 -25.12	37.57 2.15 -15.73	21.68 -0.14 -23.06	38.03 -0.23 -40.81	43.13 0.88 -33.02	51.35 2.39 -24.46	58.64 4.34 -10.64	137.72 4.32 -91.91	160.65 2.89 -130.13	165.08 2.07 -141.99	173.94 5.22 -110.96	273.50 3.70 -227.57	443.40 2.49 -412.93	401.43 1.03 -388.92	460.02 2.24 -431.53	506.25 2.73 -471.77	358.07 -0.17 -360.13	411.85 1.23 -397.06	378.94 2.04 -355.43	327.82 2.34 -302.49	95.40 3.02 -64.02
BARRETT_IC_9 23700	77.63 3.49 -39.76	67.10 1.87 -46.93	90.83 3.21 -59.83	46.86 2.19 -25.12	37.57 2.15 -15.73	21.68 -0.14 -23.06	38.03 -0.23 -40.81	43.13 0.88 -33.02	51.35 2.39 -24.46	58.64 4.34 -10.64	137.72 4.32 -91.91	160.65 2.89 -130.13	165.08 2.07 -141.99	173.94 5.22 -110.96	273.50 3.70 -227.57	443.40 2.49 -412.93	401.43 1.03 -388.92	460.02 2.24 -431.53	506.25 2.73 -471.77	358.07 -0.17 -360.13	411.85 1.23 -397.06	378.94 2.04 -355.43	327.82 2.34 -302.49	95.40 3.02 -64.02
BARRETT__1 23545	77.63 3.49 -39.76	67.10 1.87 -46.93	90.83 3.21 -59.83	46.86 2.19 -25.12	37.57 2.15 -15.73	21.68 -0.14 -23.06	38.03 -0.23 -40.81	43.13 0.88 -33.02	51.35 2.39 -24.46	58.64 4.34 -10.64	137.72 4.32 -91.91	160.65 2.89 -130.13	165.08 2.07 -141.99	173.94 5.22 -110.96	273.50 3.70 -227.57	443.40 2.49 -412.93	401.43 1.03 -388.92	460.02 2.24 -431.53	506.25 2.73 -471.77	358.07 -0.17 -360.13	411.85 1.23 -397.06	378.94 2.04 -355.43	327.82 2.34 -302.49	95.40 3.02 -64.02
BARRETT__2 23546	77.63 3.49 -39.76	67.10 1.87 -46.93	90.83 3.21 -59.83	46.86 2.19 -25.12	37.57 2.15 -15.73	21.68 -0.14 -23.06	38.03 -0.23 -40.81	43.13 0.88 -33.02	51.35 2.39 -24.46	58.64 4.34 -10.64	137.72 4.32 -91.91	160.65 2.89 -130.13	165.08 2.07 -141.99	173.94 5.22 -110.96	273.50 3.70 -227.57	443.40 2.49 -412.93	401.43 1.03 -388.92	460.02 2.24 -431.53	506.25 2.73 -471.77	358.07 -0.17 -360.13	411.85 1.23 -397.06	378.94 2.04 -355.43	327.82 2.34 -302.49	95.40 3.02 -64.02
BAYONEEC__CTG1 323682	77.40 3.28 -39.74	66.89 1.68 -46.91	66.57 2.80 -35.98	46.13 1.92 -24.67	37.28 1.86 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.87 -33.00	51.34 2.40 -24.45	58.62 4.32 -10.63	60.57 4.08 -14.99	80.04 2.72 -49.68	80.32 2.08 -57.22	99.68 5.33 -36.58	102.98 3.64 -57.12	105.17 2.47 -74.73	158.02 0.97 -145.58	174.28 2.12 -145.91	159.30 2.53 -125.02	157.70 -0.16 -159.75	101.86 1.15 -87.16	102.03 1.91 -78.65	84.40 2.08 -59.34	77.81 2.68 -46.77

BAYONEEC___CTG10 323750	77.40 3.28 -39.74	66.89 1.68 -46.91	66.57 2.80 -35.98	46.13 1.92 -24.67	37.28 1.86 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.87 -33.00	51.34 2.40 -24.45	58.62 4.32 -10.63	60.57 4.08 -14.99	80.04 2.72 -49.68	80.32 2.08 -57.22	99.68 5.33 -36.58	102.98 3.64 -57.12	105.17 2.47 -74.73	158.02 0.97 -145.58	174.28 2.12 -145.91	159.30 2.53 -125.02	157.70 -0.16 -159.75	101.86 1.15 -87.16	102.03 1.91 -78.65	84.40 2.08 -59.34	77.81 2.68 -46.77
BAYONEEC___CTG2 323683	77.40 3.28 -39.74	66.89 1.68 -46.91	66.57 2.80 -35.98	46.13 1.92 -24.67	37.28 1.86 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.87 -33.00	51.34 2.40 -24.45	58.62 4.32 -10.63	60.57 4.08 -14.99	80.04 2.72 -49.68	80.32 2.08 -57.22	99.68 5.33 -36.58	102.98 3.64 -57.12	105.17 2.47 -74.73	158.02 0.97 -145.58	174.28 2.12 -145.91	159.30 2.53 -125.02	157.70 -0.16 -159.75	101.86 1.15 -87.16	102.03 1.91 -78.65	84.40 2.08 -59.34	77.81 2.68 -46.77
BAYONEEC___CTG3 323684	77.40 3.28 -39.74	66.89 1.68 -46.91	66.57 2.80 -35.98	46.13 1.92 -24.67	37.28 1.86 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.87 -33.00	51.34 2.40 -24.45	58.62 4.32 -10.63	60.57 4.08 -14.99	80.04 2.72 -49.68	80.32 2.08 -57.22	99.68 5.33 -36.58	102.98 3.64 -57.12	105.17 2.47 -74.73	158.02 0.97 -145.58	174.28 2.12 -145.91	159.30 2.53 -125.02	157.70 -0.16 -159.75	101.86 1.15 -87.16	102.03 1.91 -78.65	84.40 2.08 -59.34	77.81 2.68 -46.77
BAYONEEC___CTG4 323685	77.40 3.28 -39.74	66.89 1.68 -46.91	66.57 2.80 -35.98	46.13 1.92 -24.67	37.28 1.86 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.87 -33.00	51.34 2.40 -24.45	58.62 4.32 -10.63	60.57 4.08 -14.99	80.04 2.72 -49.68	80.32 2.08 -57.22	99.68 5.33 -36.58	102.98 3.64 -57.12	105.17 2.47 -74.73	158.02 0.97 -145.58	174.28 2.12 -145.91	159.30 2.53 -125.02	157.70 -0.16 -159.75	101.86 1.15 -87.16	102.03 1.91 -78.65	84.40 2.08 -59.34	77.81 2.68 -46.77
BAYONEEC___CTG5 323686	77.40 3.28 -39.74	66.89 1.68 -46.91	66.57 2.80 -35.98	46.13 1.92 -24.67	37.28 1.86 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.87 -33.00	51.34 2.40 -24.45	58.62 4.32 -10.63	60.57 4.08 -14.99	80.04 2.72 -49.68	80.32 2.08 -57.22	99.68 5.33 -36.58	102.98 3.64 -57.12	105.17 2.47 -74.73	158.02 0.97 -145.58	174.28 2.12 -145.91	159.30 2.53 -125.02	157.70 -0.16 -159.75	101.86 1.15 -87.16	102.03 1.91 -78.65	84.40 2.08 -59.34	77.81 2.68 -46.77
BAYONEEC___CTG6 323687	77.40 3.28 -39.74	66.89 1.68 -46.91	66.57 2.80 -35.98	46.13 1.92 -24.67	37.28 1.86 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.87 -33.00	51.34 2.40 -24.45	58.62 4.32 -10.63	60.57 4.08 -14.99	80.04 2.72 -49.68	80.32 2.08 -57.22	99.68 5.33 -36.58	102.98 3.64 -57.12	105.17 2.47 -74.73	158.02 0.97 -145.58	174.28 2.12 -145.91	159.30 2.53 -125.02	157.70 -0.16 -159.75	101.86 1.15 -87.16	102.03 1.91 -78.65	84.40 2.08 -59.34	77.81 2.68 -46.77
BAYONEEC___CTG7 323688	77.40 3.28 -39.74	66.89 1.68 -46.91	66.57 2.80 -35.98	46.13 1.92 -24.67	37.28 1.86 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.87 -33.00	51.34 2.40 -24.45	58.62 4.32 -10.63	60.57 4.08 -14.99	80.04 2.72 -49.68	80.32 2.08 -57.22	99.68 5.33 -36.58	102.98 3.64 -57.12	105.17 2.47 -74.73	158.02 0.97 -145.58	174.28 2.12 -145.91	159.30 2.53 -125.02	157.70 -0.16 -159.75	101.86 1.15 -87.16	102.03 1.91 -78.65	84.40 2.08 -59.34	77.81 2.68 -46.77
BAYONEEC___CTG8 323689	77.40 3.28 -39.74	66.89 1.68 -46.91	66.57 2.80 -35.98	46.13 1.92 -24.67	37.28 1.86 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.87 -33.00	51.34 2.40 -24.45	58.62 4.32 -10.63	60.57 4.08 -14.99	80.04 2.72 -49.68	80.32 2.08 -57.22	99.68 5.33 -36.58	102.98 3.64 -57.12	105.17 2.47 -74.73	158.02 0.97 -145.58	174.28 2.12 -145.91	159.30 2.53 -125.02	157.70 -0.16 -159.75	101.86 1.15 -87.16	102.03 1.91 -78.65	84.40 2.08 -59.34	77.81 2.68 -46.77
BAYONEEC___CTG9 323749	77.40 3.28 -39.74	66.89 1.68 -46.91	66.57 2.80 -35.98	46.13 1.92 -24.67	37.28 1.86 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.87 -33.00	51.34 2.40 -24.45	58.62 4.32 -10.63	60.57 4.08 -14.99	80.04 2.72 -49.68	80.32 2.08 -57.22	99.68 5.33 -36.58	102.98 3.64 -57.12	105.17 2.47 -74.73	158.02 0.97 -145.58	174.28 2.12 -145.91	159.30 2.53 -125.02	157.70 -0.16 -159.75	101.86 1.15 -87.16	102.03 1.91 -78.65	84.40 2.08 -59.34	77.81 2.68 -46.77
BEACON___LESR 323632	49.98 1.24 -14.36	21.11 0.64 -2.18	31.47 1.08 -2.60	55.14 0.67 -34.92	42.63 0.68 -22.25	31.35 -0.05 -32.64	55.13 -0.08 -57.75	56.28 0.32 -46.72	55.78 0.84 -30.45	53.41 1.62 -8.12	54.40 1.45 -11.45	51.81 1.08 -23.09	47.45 0.84 -25.58	60.33 2.34 -0.23	53.33 1.64 -9.46	55.42 1.14 -26.30	29.76 0.51 -17.78	68.07 1.06 -40.77	44.44 1.37 -11.32	60.19 -0.07 -62.17	63.91 0.53 -49.82	60.36 0.75 -38.13	47.26 0.71 -23.56	35.85 0.93 -6.56
BEAVER RIVER___HYD 24048	29.64 -0.27 4.47	14.29 0.01 4.01	27.72 -0.07 0.00	19.50 -0.04 0.00	19.63 -0.06 0.00	-1.23 0.00 0.00	-2.54 0.00 0.00	9.23 -0.01 0.00	24.38 -0.12 0.00	43.50 -0.17 0.00	41.30 -0.20 0.00	27.46 -0.18 0.00	20.84 -0.19 0.00	57.57 -0.20 0.00	42.39 0.16 0.00	28.02 0.04 0.00	11.52 0.04 0.00	26.56 0.32 0.00	31.93 0.18 0.00	-1.90 0.00 0.00	13.59 0.03 0.00	21.60 0.13 0.00	23.05 0.07 0.00	28.46 0.10 0.00
BEEBEE_GT_13 23619	36.76 1.07 -1.31	19.02 0.56 -0.17	28.66 0.63 -0.24	23.22 0.39 -3.29	22.23 0.44 -2.10	1.81 -0.03 -3.07	2.82 -0.08 -5.44	13.82 0.19 -4.40	27.81 0.45 -2.87	45.11 0.68 -0.76	43.01 0.43 -1.09	30.28 0.23 -2.41	23.76 0.24 -2.50	58.23 0.45 -0.02	43.14 0.02 -0.89	30.61 0.15 -2.48	13.19 0.05 -1.67	30.11 0.03 -3.84	32.56 -0.26 -1.07	3.91 -0.04 -5.85	18.48 0.24 -4.69	25.50 0.44 -3.59	25.61 0.41 -2.22	29.34 0.37 -0.62
BETHLEHEM___GRP 23843	49.18 0.92 -13.89	20.54 0.47 -1.78	31.17 0.78 -2.59	54.89 0.49 -34.86	42.44 0.53 -22.21	31.31 -0.04 -32.58	55.05 -0.05 -57.65	56.08 0.22 -46.63	55.41 0.52 -30.40	52.84 1.07 -8.10	53.89 0.95 -11.44	51.58 0.73 -23.21	47.20 0.57 -25.60	59.59 1.60 -0.23	52.70 1.03 -9.44	54.99 0.76 -26.25	29.56 0.34 -17.75	67.60 0.66 -40.69	43.94 0.90 -11.30	60.11 -0.04 -62.06	63.59 0.31 -49.73	59.98 0.44 -38.07	47.00 0.50 -23.52	35.60 0.69 -6.55
BETHLEHEM___GS1 323560	49.18 0.92 -13.89	20.54 0.47 -1.78	31.17 0.78 -2.59	54.89 0.49 -34.86	42.44 0.53 -22.21	31.31 -0.04 -32.58	55.05 -0.05 -57.65	56.08 0.22 -46.63	55.41 0.52 -30.40	52.84 1.07 -8.10	53.89 0.95 -11.44	51.58 0.73 -23.21	47.20 0.57 -25.60	59.59 1.60 -0.23	52.70 1.03 -9.44	54.99 0.76 -26.25	29.56 0.34 -17.75	67.60 0.66 -40.69	43.94 0.90 -11.30	60.11 -0.04 -62.06	63.59 0.31 -49.73	59.98 0.44 -38.07	47.00 0.50 -23.52	35.60 0.69 -6.55
BETHLEHEM___GS2 323561	49.18 0.92 -13.89	20.54 0.47 -1.78	31.17 0.78 -2.59	54.89 0.49 -34.86	42.44 0.53 -22.21	31.31 -0.04 -32.58	55.05 -0.05 -57.65	56.08 0.22 -46.63	55.41 0.52 -30.40	52.84 1.07 -8.10	53.89 0.95 -11.44	51.58 0.73 -23.21	47.20 0.57 -25.60	59.59 1.60 -0.23	52.70 1.03 -9.44	54.99 0.76 -26.25	29.56 0.34 -17.75	67.60 0.66 -40.69	43.94 0.90 -11.30	60.11 -0.04 -62.06	63.59 0.31 -49.73	59.98 0.44 -38.07	47.00 0.50 -23.52	35.60 0.69 -6.55

BETHLEHEM___GS3 323562	49.18 0.92 -13.89	20.54 0.47 -1.78	31.17 0.78 -2.59	54.89 0.49 -34.86	42.44 0.53 -22.21	31.31 -0.04 -32.58	55.05 -0.05 -57.65	56.08 0.22 -46.63	55.41 0.52 -30.40	52.84 1.07 -8.10	53.89 0.95 -11.44	51.58 0.73 -23.21	47.20 0.57 -25.60	59.59 1.60 -0.23	52.70 1.03 -9.44	54.99 0.76 -26.25	29.56 0.34 -17.75	67.60 0.66 -40.69	43.94 0.90 -11.30	60.11 -0.04 -62.06	63.59 0.31 -49.73	59.98 0.44 -38.07	47.00 0.50 -23.52	35.60 0.69 -6.55
BETHLEHEM___STEEL 23779	37.55 1.51 -1.67	19.33 0.83 -0.21	29.04 0.94 -0.31	24.30 0.58 -4.18	23.02 0.66 -2.66	2.62 -0.05 -3.91	4.26 -0.11 -6.91	15.09 0.26 -5.59	28.70 0.56 -3.64	45.36 0.72 -0.97	43.07 0.19 -1.38	30.65 -0.04 -3.06	24.22 0.02 -3.18	36.42 -0.33 21.02	26.86 -0.49 14.88	31.11 0.03 -3.10	13.62 0.02 -2.13	31.00 -0.13 -4.88	32.54 -0.57 -1.36	5.48 -0.06 -7.44	19.83 0.31 -5.96	26.65 0.61 -4.57	26.42 0.62 -2.82	29.75 0.61 -0.79
BETHPAGE_CC_5 323564	77.85 3.71 -39.76	67.19 1.96 -46.93	90.96 3.34 -59.83	46.96 2.29 -25.12	37.65 2.23 -15.73	21.68 -0.15 -23.06	38.03 -0.24 -40.81	43.17 0.92 -33.02	51.49 2.53 -24.46	58.95 4.64 -10.64	137.88 4.48 -91.91	160.69 2.93 -130.13	165.23 2.22 -141.99	174.40 5.67 -110.96	273.86 4.05 -227.58	443.66 2.75 -412.94	401.54 1.14 -388.93	460.25 2.47 -431.54	506.52 2.99 -471.78	358.06 -0.18 -360.14	411.98 1.36 -397.07	379.08 2.17 -355.43	327.95 2.47 -302.49	95.52 3.14 -64.02
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.66 1.61 -1.67	19.38 0.87 -0.21	29.12 1.01 -0.31	24.37 0.63 -4.19	23.07 0.70 -2.67	2.63 -0.05 -3.92	4.28 -0.12 -6.93	15.12 0.28 -5.61	28.77 0.62 -3.66	45.50 0.85 -0.97	43.21 0.32 -1.39	30.75 0.04 -3.07	24.29 0.08 -3.19	37.58 -0.17 20.02	27.73 -0.38 14.12	31.19 0.11 -3.11	13.66 0.05 -2.13	31.09 -0.05 -4.89	32.64 -0.47 -1.36	5.50 -0.07 -7.46	19.89 0.36 -5.98	26.72 0.68 -4.58	26.49 0.68 -2.83	29.83 0.68 -0.79
BINGHAMTON___COGEN 23790	39.00 1.38 -3.24	19.43 0.72 -0.41	29.44 1.04 -0.60	28.35 0.68 -8.13	25.54 0.67 -5.18	6.32 -0.05 -7.60	10.81 -0.09 -13.44	20.43 0.32 -10.87	32.45 0.87 -7.09	47.05 1.49 -1.89	45.62 1.44 -2.69	34.49 0.91 -5.94	27.87 0.67 -6.18	59.65 1.83 -0.05	45.65 1.22 -2.20	35.04 0.94 -6.12	16.00 0.39 -4.14	36.62 0.88 -9.49	35.19 0.80 -2.63	12.51 -0.06 -14.47	25.58 0.43 -11.59	31.09 0.74 -8.88	29.16 0.69 -5.48	30.70 0.81 -1.53
BLACK RIVER___HYD 24047	31.59 -0.16 2.64	15.75 0.17 2.71	28.01 0.14 -0.08	20.76 0.11 -1.11	20.48 0.08 -0.70	-0.21 -0.01 -1.04	-0.74 -0.02 -1.83	10.81 0.09 -1.48	25.56 0.10 -0.97	44.11 0.19 -0.26	41.72 -0.14 -0.37	28.31 -0.14 -0.81	21.68 -0.18 -0.84	57.70 -0.07 -0.01	42.93 0.40 -0.30	28.96 0.15 -0.83	12.14 0.10 -0.56	28.17 0.64 -1.29	32.48 0.37 -0.36	0.06 -0.01 -1.97	15.27 0.13 -1.58	23.04 0.36 -1.21	23.93 0.20 -0.75	28.86 0.30 -0.21
BLISS_WT_PWR 323608	37.82 1.71 -1.72	19.43 0.92 -0.22	29.14 1.03 -0.32	24.41 0.54 -4.33	22.90 0.45 -2.76	2.77 -0.04 -4.04	4.54 -0.07 -7.15	15.21 0.19 -5.79	28.77 0.51 -3.77	45.73 1.05 -1.01	43.49 0.57 -1.43	30.70 -0.10 -3.16	24.18 -0.13 -3.29	44.66 -0.66 12.45	32.63 -1.28 8.32	31.21 0.01 -3.23	13.65 -0.02 -2.20	31.24 -0.06 -5.05	32.82 -0.33 -1.40	5.73 -0.06 -7.70	20.17 0.44 -6.17	26.98 0.78 -4.72	26.77 0.88 -2.92	30.09 0.92 -0.81
BLUE_CIRC_CHEM_DRP 24182	44.08 0.79 -8.90	13.47 0.41 5.24	25.78 0.67 2.68	53.75 0.44 -33.77	41.61 0.40 -21.52	30.29 -0.03 -31.56	53.26 -0.04 -55.84	54.58 0.17 -45.17	53.95 0.47 -28.99	51.66 0.89 -7.10	52.40 0.81 -10.09	47.01 0.62 -18.75	40.89 0.49 -19.38	53.72 1.27 5.32	44.57 0.86 -1.48	45.52 0.65 -16.90	8.72 0.28 3.03	48.44 0.58 -21.62	25.60 0.70 6.85	40.56 -0.04 -42.50	54.09 0.27 -40.27	50.89 0.40 -29.01	39.70 0.43 -16.29	28.86 0.57 0.06
BOC_GAS_DRP 24189	44.33 1.05 -8.90	13.59 0.54 5.24	25.99 0.88 2.68	53.91 0.60 -33.77	41.78 0.56 -21.52	30.28 -0.04 -31.56	53.24 -0.06 -55.84	54.66 0.24 -45.17	54.15 0.66 -28.99	51.99 1.22 -7.10	52.72 1.13 -10.09	47.20 0.81 -18.75	41.03 0.63 -19.38	54.12 1.67 5.32	44.85 1.14 -1.48	45.71 0.84 -16.90	8.80 0.36 3.03	48.62 0.76 -21.62	25.81 0.91 6.85	40.55 -0.05 -42.50	54.19 0.36 -40.27	51.03 0.54 -29.01	39.86 0.58 -16.29	29.07 0.77 0.06
BORALEX_4TH_BRANCH 23824	58.16 2.10 -21.67	32.10 1.03 -12.77	40.23 1.67 -10.77	56.30 1.17 -35.59	43.62 1.24 -22.68	31.95 -0.08 -33.26	56.16 -0.16 -58.86	57.46 0.61 -47.62	57.61 1.38 -31.73	55.49 2.39 -9.44	56.71 2.00 -13.21	58.31 1.41 -29.27	56.64 1.11 -34.51	69.91 3.25 -8.89	65.88 2.02 -21.63	69.64 1.51 -40.15	61.85 0.63 -49.75	97.10 1.47 -69.39	72.96 1.86 -39.36	88.89 -0.11 -90.90	77.52 0.84 -63.13	73.86 1.22 -51.16	58.43 1.28 -34.16	46.71 1.64 -16.71
BOWLINE___1 23526	75.01 2.87 -37.76	64.05 1.48 -44.27	64.22 2.45 -33.98	45.18 1.66 -23.98	36.59 1.61 -15.28	21.07 -0.10 -22.41	36.92 -0.20 -39.65	42.06 0.74 -32.08	50.18 2.01 -23.68	57.38 3.52 -10.19	59.23 3.36 -14.37	77.30 2.29 -47.37	77.29 1.76 -54.50	96.85 4.58 -34.50	99.54 3.25 -54.06	101.27 2.28 -71.01	150.06 0.94 -137.65	166.73 2.06 -138.43	152.32 2.45 -118.13	149.87 -0.15 -151.92	97.82 1.06 -83.20	98.09 1.67 -74.94	81.24 1.82 -56.44	74.94 2.35 -44.24
BOWLINE___2 23595	75.05 2.91 -37.77	64.07 1.50 -44.28	64.23 2.46 -33.99	45.19 1.67 -23.98	36.60 1.62 -15.28	21.08 -0.10 -22.41	36.92 -0.20 -39.66	42.06 0.74 -32.08	50.19 2.02 -23.68	57.42 3.56 -10.19	59.27 3.40 -14.38	77.33 2.31 -47.38	77.32 1.78 -54.51	96.92 4.64 -34.51	99.59 3.29 -54.07	101.31 2.31 -71.02	150.09 0.95 -137.67	166.78 2.09 -138.45	152.38 2.48 -118.15	149.89 -0.15 -151.94	97.84 1.07 -83.22	98.12 1.69 -74.95	81.25 1.82 -56.45	74.96 2.35 -44.25
BRANSCOMB___SOLAR 323811	55.69 2.44 -18.87	26.80 1.20 -7.31	36.22 1.83 -6.61	58.52 1.26 -37.71	45.04 1.31 -24.03	33.92 -0.08 -35.24	59.66 -0.17 -62.37	60.31 0.63 -50.45	59.24 1.54 -33.21	55.64 2.66 -9.31	57.06 2.45 -13.11	57.40 1.68 -28.08	54.11 1.33 -31.76	65.78 3.71 -4.30	60.59 2.53 -15.84	64.56 1.92 -34.66	46.35 0.86 -34.02	85.28 1.96 -57.07	59.37 2.36 -25.26	78.00 -0.14 -80.04	74.14 0.99 -59.59	69.84 1.43 -46.94	54.66 1.48 -30.20	41.92 1.78 -11.78
BROOKHAVEN___DRP 24191	77.86 3.72 -39.76	67.20 1.97 -46.93	91.01 3.39 -59.83	47.00 2.34 -25.12	37.70 2.28 -15.73	21.67 -0.15 -23.06	38.03 -0.25 -40.81	43.16 0.90 -33.02	51.47 2.51 -24.46	58.98 4.68 -10.64	137.95 4.55 -91.91	160.78 3.01 -130.13	165.26 2.25 -141.99	174.46 5.73 -110.96	273.87 4.06 -227.58	443.59 2.67 -412.94	401.49 1.09 -388.93	460.05 2.26 -431.54	506.42 2.89 -471.78	358.06 -0.19 -360.14	412.05 1.42 -397.07	379.13 2.22 -355.43	327.98 2.51 -302.49	95.57 3.20 -64.02
BROOKLYN_NAVY_YARD 23515	77.34 3.21 -39.74	66.86 1.65 -46.91	66.52 2.75 -35.98	46.09 1.88 -24.67	37.23 1.81 -15.72	21.70 -0.12 -23.06	38.03 -0.22 -40.80	43.09 0.84 -33.00	51.27 2.33 -24.45	58.51 4.21 -10.63	60.43 3.94 -14.99	79.96 2.64 -49.68	80.27 2.02 -57.22	99.56 5.21 -36.58	102.90 3.55 -57.12	105.13 2.42 -74.73	158.01 0.95 -145.58	174.21 2.06 -145.91	159.25 2.47 -125.02	157.70 -0.15 -159.75	101.83 1.12 -87.16	101.98 1.86 -78.65	84.35 2.03 -59.34	77.76 2.63 -46.77

BROOKLYN___ARMY_DRP 323595	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
BROOME_2_LFGE 323671	39.00 1.38 -3.24	19.43 0.72 -0.41	29.44 1.04 -0.60	28.35 0.68 -8.13	25.54 0.67 -5.18	6.32 -0.05 -7.60	10.81 -0.09 -13.44	20.43 0.32 -10.87	32.45 0.87 -7.09	47.05 1.49 -1.89	45.62 1.44 -2.69	34.49 0.91 -5.94	27.87 0.67 -6.18	59.65 1.83 -0.05	45.65 1.22 -2.20	35.04 0.94 -6.12	16.00 0.39 -4.14	36.62 0.88 -9.49	35.19 0.80 -2.63	12.51 -0.06 -14.47	25.58 0.43 -11.59	31.09 0.74 -8.88	29.16 0.69 -5.48	30.70 0.81 -1.53
BROOME___LFGE 323600	39.00 1.38 -3.24	19.43 0.72 -0.41	29.44 1.04 -0.60	28.35 0.68 -8.13	25.54 0.67 -5.18	6.32 -0.05 -7.60	10.81 -0.09 -13.44	20.43 0.32 -10.87	32.45 0.87 -7.09	47.05 1.49 -1.89	45.62 1.44 -2.69	34.49 0.91 -5.94	27.87 0.67 -6.18	59.65 1.83 -0.05	45.65 1.22 -2.20	35.04 0.94 -6.12	16.00 0.39 -4.14	36.62 0.88 -9.49	35.19 0.80 -2.63	12.51 -0.06 -14.47	25.58 0.43 -11.59	31.09 0.74 -8.88	29.16 0.69 -5.48	30.70 0.81 -1.53
BURROWS___LYONSDAL 23803	32.87 0.31 1.82	16.88 0.22 1.63	28.05 0.26 0.00	19.72 0.18 0.00	19.87 0.17 0.00	-1.25 -0.01 0.00	-2.57 -0.03 0.00	9.33 0.09 0.00	24.69 0.20 0.00	44.06 0.40 0.00	41.91 0.42 0.00	27.90 0.26 0.00	21.23 0.21 0.00	58.51 0.74 0.00	42.92 0.69 0.00	28.43 0.45 0.00	11.66 0.19 0.00	26.79 0.54 0.00	32.23 0.49 0.00	-1.92 -0.02 0.00	13.74 0.19 0.00	21.80 0.33 0.00	23.26 0.28 0.00	28.68 0.32 0.00
CAITHNESS_CC_1 323624	77.74 3.60 -39.76	67.14 1.91 -46.93	90.93 3.31 -59.83	46.94 2.28 -25.12	37.64 2.22 -15.73	21.68 -0.15 -23.06	38.03 -0.24 -40.81	43.13 0.88 -33.02	51.40 2.44 -24.46	58.84 4.54 -10.64	137.81 4.41 -91.91	160.68 2.92 -130.13	165.18 2.17 -141.99	174.25 5.52 -110.96	273.73 3.92 -227.58	443.49 2.58 -412.94	401.46 1.06 -388.93	459.99 2.21 -431.54	506.31 2.78 -471.78	358.06 -0.18 -360.14	411.99 1.36 -397.07	379.03 2.13 -355.43	327.89 2.42 -302.49	95.48 3.10 -64.02
CALPINE BETH_PAGE_GT4 24209	77.83 3.69 -39.76	67.18 1.95 -46.93	90.93 3.31 -59.83	46.93 2.27 -25.12	37.63 2.21 -15.73	21.68 -0.14 -23.06	38.03 -0.24 -40.81	43.17 0.91 -33.02	51.48 2.53 -24.46	58.91 4.61 -10.64	137.77 4.37 -91.91	160.67 2.90 -130.13	165.20 2.19 -141.99	174.32 5.59 -110.96	273.81 4.00 -227.58	443.63 2.72 -412.94	401.53 1.13 -388.93	460.22 2.44 -431.54	506.48 2.96 -471.78	358.06 -0.18 -360.14	411.97 1.34 -397.07	379.05 2.14 -355.43	327.89 2.42 -302.49	95.45 3.07 -64.02
CALPINE_BETH_PAGE_GT_4 323586	77.83 3.69 -39.76	67.18 1.95 -46.93	90.93 3.31 -59.83	46.93 2.27 -25.12	37.63 2.21 -15.73	21.68 -0.14 -23.06	38.03 -0.24 -40.81	43.17 0.91 -33.02	51.48 2.53 -24.46	58.91 4.61 -10.64	137.77 4.37 -91.91	160.67 2.90 -130.13	165.20 2.19 -141.99	174.32 5.59 -110.96	273.81 4.00 -227.58	443.63 2.72 -412.94	401.53 1.13 -388.93	460.22 2.44 -431.54	506.48 2.96 -471.78	358.06 -0.18 -360.14	411.97 1.34 -397.07	379.05 2.14 -355.43	327.89 2.42 -302.49	95.45 3.07 -64.02
CALPINE_BP_GT1 23823	77.83 3.69 -39.76	67.18 1.95 -46.93	90.93 3.31 -59.83	46.93 2.27 -25.12	37.63 2.21 -15.73	21.68 -0.14 -23.06	38.03 -0.24 -40.81	43.17 0.91 -33.02	51.48 2.53 -24.46	58.91 4.61 -10.64	137.77 4.37 -91.91	160.67 2.90 -130.13	165.20 2.19 -141.99	174.32 5.59 -110.96	273.81 4.00 -227.58	443.63 2.72 -412.94	401.53 1.13 -388.93	460.22 2.44 -431.54	506.48 2.96 -471.78	358.06 -0.18 -360.14	411.97 1.34 -397.07	379.05 2.14 -355.43	327.89 2.42 -302.49	95.45 3.07 -64.02
CALSPAN___DRP 24200	37.55 1.51 -1.67	19.33 0.83 -0.21	29.04 0.94 -0.31	24.30 0.58 -4.18	23.02 0.66 -2.66	2.62 -0.05 -3.91	4.26 -0.11 -6.91	15.09 0.26 -5.59	28.70 0.56 -3.64	45.36 0.72 -0.97	43.07 0.19 -1.38	30.65 -0.04 -3.06	24.22 0.02 -3.18	36.42 -0.33 21.02	26.86 -0.49 14.88	31.11 0.03 -3.10	13.62 0.02 -2.13	31.00 -0.13 -4.88	32.54 -0.57 -1.36	5.48 -0.06 -7.44	19.83 0.31 -5.96	26.65 0.61 -4.57	26.42 0.62 -2.82	29.75 0.61 -0.79
CANDIGU_WT_PWR 323617	38.46 1.84 -2.23	19.51 0.93 -0.29	29.37 1.16 -0.42	25.84 0.69 -5.60	23.97 0.71 -3.57	3.95 -0.05 -5.23	6.63 -0.09 -9.26	17.02 0.30 -7.49	30.11 0.73 -4.89	46.21 1.24 -1.30	44.43 1.08 -1.86	32.17 0.44 -4.10	25.54 0.25 -4.26	-49.42 0.60 107.79	-37.99 0.27 80.49	32.37 0.44 -3.96	14.57 0.24 -2.85	33.36 0.57 -6.54	33.81 0.25 -1.81	8.00 -0.07 -9.97	22.03 0.48 -7.99	28.44 0.85 -6.12	27.60 0.84 -3.78	30.37 0.97 -1.05
CARR STREET_E_SYR 24060	35.72 0.40 -0.95	18.61 0.19 -0.12	28.19 0.22 -0.18	22.05 0.13 -2.38	21.32 0.11 -1.52	0.98 -0.01 -2.22	1.37 -0.02 -3.93	12.47 0.06 -3.18	26.73 0.16 -2.07	44.53 0.31 -0.55	42.55 0.27 -0.79	29.54 0.16 -1.74	22.97 0.14 -1.81	58.16 0.37 -0.02	43.08 0.21 -0.64	29.97 0.20 -1.79	12.76 0.08 -1.21	29.16 0.14 -2.77	32.55 0.03 -0.77	2.32 -0.01 -4.23	17.03 0.08 -3.39	24.21 0.15 -2.60	24.67 0.09 -1.60	28.86 0.06 -0.45
CARTHAGE___PAPER 23857	30.97 -0.16 3.26	15.21 0.12 3.20	27.94 0.08 -0.07	20.52 0.07 -0.91	20.32 0.05 -0.58	-0.39 0.00 -0.85	-1.06 -0.01 -1.50	10.51 0.06 -1.21	25.32 0.03 -0.79	43.98 0.10 -0.21	41.71 -0.08 -0.30	28.20 -0.10 -0.66	21.56 -0.15 -0.69	57.75 -0.03 -0.01	42.88 0.41 -0.25	28.84 0.18 -0.68	12.04 0.10 -0.46	27.85 0.55 -1.06	32.42 0.38 -0.29	-0.29 -0.01 -1.62	14.97 0.12 -1.29	22.75 0.29 -0.99	23.79 0.19 -0.61	28.80 0.27 -0.17
CASSADAGA_WT_PWR 323784	38.59 2.48 -1.73	19.84 1.32 -0.22	29.45 1.34 -0.32	24.55 0.66 -4.35	23.12 0.65 -2.77	2.75 -0.08 -4.06	4.55 -0.10 -7.19	15.40 0.35 -5.82	29.53 1.24 -3.79	46.37 1.69 -1.01	44.21 1.28 -1.44	31.24 0.42 -3.18	24.57 0.24 -3.30	43.94 0.51 14.34	32.93 0.45 9.75	32.06 0.85 -3.24	14.09 0.40 -2.21	31.97 0.65 -5.07	33.56 0.40 -1.41	5.72 -0.12 -7.74	20.50 0.75 -6.20	27.56 1.34 -4.75	27.22 1.31 -2.93	30.62 1.45 -0.82
CE_DUNWOOD___DRP 24194	77.05 3.09 -39.58	66.63 1.59 -46.75	66.18 2.61 -35.78	45.92 1.78 -24.59	37.10 1.73 -15.67	21.64 -0.11 -22.98	37.92 -0.21 -40.67	42.94 0.80 -32.90	51.05 2.19 -24.37	58.17 3.92 -10.59	60.15 3.72 -14.93	79.61 2.52 -49.44	79.90 1.93 -56.94	99.17 5.03 -36.37	102.56 3.52 -56.81	104.76 2.44 -74.35	157.24 0.99 -144.78	173.57 2.18 -145.15	158.66 2.59 -124.33	156.90 -0.16 -158.95	101.44 1.14 -86.75	101.56 1.82 -78.27	83.99 1.96 -59.04	77.38 2.51 -46.52
CE_MILLWOOD___DRP 24193	76.72 3.03 -39.31	66.27 1.55 -46.42	65.83 2.56 -35.47	45.77 1.74 -24.48	36.99 1.69 -15.60	21.54 -0.11 -22.88	37.74 -0.21 -40.49	42.77 0.78 -32.75	50.87 2.13 -24.24	57.98 3.79 -10.52	59.95 3.63 -14.83	79.19 2.46 -49.09	79.43 1.89 -56.53	98.74 4.91 -36.06	102.01 3.44 -56.34	104.14 2.38 -73.78	156.02 0.98 -143.57	172.39 2.14 -144.01	157.59 2.56 -123.28	155.70 -0.16 -157.76	100.81 1.11 -86.14	100.96 1.78 -77.70	83.49 1.91 -58.60	76.94 2.45 -46.13



CE_NYC2_DRP 24202	77.43 3.30 -39.75	66.90 1.69 -46.92	66.59 2.82 -35.98	46.14 1.92 -24.67	37.28 1.86 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.12 0.87 -33.01	51.35 2.40 -24.45	58.63 4.33 -10.63	60.56 4.07 -14.99	80.04 2.71 -49.69	80.33 2.08 -57.23	99.68 5.32 -36.59	102.96 3.60 -57.13	105.17 2.45 -74.74	158.04 0.96 -145.60	174.28 2.10 -145.94	159.31 2.52 -125.04	157.72 -0.16 -159.78	101.86 1.14 -87.17	102.04 1.91 -78.66	84.42 2.09 -59.35	77.89 2.76 -46.78
CE_NYC_DRP 24195	77.44 3.32 -39.74	66.92 1.71 -46.91	66.62 2.85 -35.98	46.15 1.94 -24.67	37.30 1.89 -15.72	21.70 -0.12 -23.06	38.02 -0.23 -40.80	43.12 0.88 -33.00	51.36 2.41 -24.45	58.66 4.37 -10.63	60.61 4.13 -14.99	80.08 2.76 -49.68	80.35 2.11 -57.22	99.79 5.45 -36.58	103.07 3.73 -57.11	105.24 2.54 -74.72	158.05 1.01 -145.57	174.35 2.20 -145.90	159.39 2.63 -125.02	157.68 -0.16 -159.74	101.89 1.18 -87.15	102.07 1.95 -78.64	84.44 2.12 -59.34	77.85 2.72 -46.77
CHAFEE__LFGE 323603	37.72 1.65 -1.69	19.40 0.89 -0.22	29.13 1.02 -0.32	24.42 0.63 -4.24	23.09 0.69 -2.71	2.68 -0.05 -3.97	4.36 -0.11 -7.02	15.19 0.28 -5.68	28.83 0.64 -3.70	45.58 0.92 -0.99	43.30 0.39 -1.41	30.82 0.07 -3.10	24.36 0.11 -3.23	40.56 -0.08 17.13	29.96 -0.38 11.90	31.28 0.15 -3.16	13.70 0.07 -2.16	31.20 0.00 -4.96	32.73 -0.40 -1.38	5.58 -0.07 -7.56	20.00 0.38 -6.06	26.83 0.72 -4.63	26.56 0.72 -2.86	29.88 0.73 -0.80
CHATEAUG_WT_PWR 323614	17.18 -1.02 16.18	3.09 -0.68 14.52	26.88 -0.92 0.00	19.05 -0.49 0.00	19.24 -0.46 0.00	-1.22 0.02 0.00	-2.50 0.04 0.00	9.03 -0.21 0.00	23.98 -0.51 0.00	42.71 -0.95 0.00	40.77 -0.72 0.00	27.14 -0.50 0.00	20.41 -0.61 0.00	56.13 -1.64 0.00	41.21 -1.02 0.00	26.73 -1.24 0.00	11.03 -0.44 0.00	25.50 -0.74 0.00	31.39 -0.35 0.00	-1.81 0.09 0.00	12.89 -0.67 0.00	20.47 -1.01 0.00	22.28 -0.70 0.00	27.82 -0.53 0.00
CHAT_HIGH_FALL_HYD 323578	17.48 -1.03 15.87	3.38 -0.68 14.23	26.83 -0.96 0.00	19.02 -0.53 0.00	19.20 -0.49 0.00	-1.21 0.02 0.00	-2.50 0.05 0.00	9.01 -0.22 0.00	23.93 -0.56 0.00	42.59 -1.07 0.00	40.66 -0.83 0.00	27.05 -0.58 0.00	20.36 -0.67 0.00	56.06 -1.71 0.00	41.18 -1.05 0.00	26.79 -1.19 0.00	11.05 -0.42 0.00	25.52 -0.72 0.00	31.39 -0.35 0.00	-1.82 0.08 0.00	12.93 -0.63 0.00	20.54 -0.93 0.00	22.32 -0.66 0.00	27.83 -0.52 0.00
CHAUTAUQUA__LFGE 323629	38.34 2.24 -1.72	19.73 1.21 -0.22	29.51 1.40 -0.32	24.65 0.80 -4.31	23.28 0.84 -2.74	2.72 -0.07 -4.03	4.45 -0.13 -7.12	15.40 0.40 -5.76	29.41 1.16 -3.76	46.36 1.69 -1.00	44.16 1.24 -1.43	31.35 0.55 -3.15	24.67 0.38 -3.27	40.62 0.86 18.00	30.22 0.54 12.55	31.96 0.78 -3.20	14.02 0.35 -2.19	31.88 0.61 -5.03	33.45 0.31 -1.40	5.66 -0.11 -7.67	20.33 0.63 -6.14	27.33 1.15 -4.70	27.01 1.12 -2.91	30.42 1.26 -0.81
CH_MIDHUDSON__DRP 24192	77.42 3.00 -40.04	66.53 1.56 -46.68	66.71 2.42 -36.50	46.53 1.64 -25.35	37.44 1.59 -16.15	22.35 -0.10 -23.69	39.18 -0.20 -41.92	43.89 0.74 -33.91	51.60 2.02 -25.08	58.13 3.61 -10.86	60.24 3.43 -15.31	80.55 2.35 -50.56	81.06 1.79 -58.25	99.55 4.70 -37.09	103.54 3.32 -58.00	106.35 2.36 -76.01	160.22 1.00 -147.75	176.76 2.21 -148.31	161.27 2.67 -126.85	160.49 -0.16 -162.55	103.51 1.12 -88.83	103.33 1.75 -80.10	85.20 1.84 -60.38	78.14 2.31 -47.48
CH_MISC_IPPS 23765	76.45 3.27 -38.81	65.09 1.69 -45.10	65.62 2.63 -35.19	46.21 1.78 -24.88	37.29 1.74 -15.86	21.91 -0.11 -23.25	38.39 -0.22 -41.15	43.34 0.82 -33.28	51.29 2.23 -24.57	58.23 4.00 -10.57	60.26 3.86 -14.90	79.32 2.63 -49.05	79.48 2.00 -56.46	98.77 5.28 -35.73	101.99 3.77 -55.99	104.23 2.69 -73.57	155.17 1.13 -142.56	172.18 2.53 -143.41	157.13 3.04 -122.34	155.33 -0.18 -157.41	101.06 1.27 -86.23	101.11 1.98 -77.67	83.52 2.06 -58.48	76.74 2.57 -45.82
CH_RES_BVR_FALLS 23983	41.67 -0.73 -8.02	25.75 -0.22 -7.68	27.30 -0.37 0.12	17.74 -0.22 1.58	18.51 -0.18 1.01	-2.69 0.02 1.48	-5.14 0.02 2.61	7.06 -0.07 2.11	22.90 -0.22 1.38	42.74 -0.56 0.37	40.23 -0.73 0.53	25.75 -0.51 1.39	19.33 -0.40 1.29	56.74 -1.01 0.01	41.20 -0.60 0.43	26.27 -0.51 1.19	10.44 -0.22 0.80	24.17 -0.23 1.84	30.89 -0.35 0.51	-4.68 0.03 2.81	11.12 -0.18 2.25	19.54 -0.21 1.72	21.70 -0.22 1.07	27.82 -0.24 0.30
CH_RES_NIAGARA 23895	36.32 0.35 -1.59	18.73 0.23 -0.20	28.14 0.05 -0.30	23.54 0.00 -4.00	22.35 0.10 -2.55	2.50 0.00 -3.74	4.02 -0.05 -6.61	14.60 0.02 -5.35	27.79 -0.19 -3.49	43.83 -0.77 -0.93	41.48 -1.34 -1.32	29.53 -1.03 -2.92	23.37 -0.69 -3.04	39.56 -2.40 15.81	29.26 -2.00 10.96	29.93 -1.02 -2.97	13.10 -0.40 -2.04	29.78 -1.13 -4.67	31.25 -1.79 -1.30	5.22 0.00 -7.12	19.10 -0.16 -5.70	25.67 -0.17 -4.37	25.51 -0.17 -2.70	28.76 -0.35 -0.75
CH_RES_SYRACUSE 23985	35.99 0.54 -1.07	18.71 0.28 -0.14	28.34 0.35 -0.20	22.44 0.22 -2.68	21.61 0.20 -1.71	1.26 -0.01 -2.51	1.86 -0.03 -4.44	12.93 0.10 -3.59	27.14 0.30 -2.34	44.84 0.55 -0.62	42.90 0.51 -0.89	29.91 0.31 -1.96	23.32 0.25 -2.04	58.49 0.71 -0.02	43.42 0.47 -0.73	30.36 0.36 -2.02	12.98 0.14 -1.37	29.67 0.29 -3.13	32.82 0.21 -0.87	2.85 -0.03 -4.78	17.54 0.16 -3.83	24.67 0.26 -2.93	25.00 0.21 -1.81	29.06 0.21 -0.50
CLINTON_WT_PWR 323605	17.18 -1.02 16.18	3.09 -0.68 14.52	26.88 -0.92 0.00	19.05 -0.49 0.00	19.24 -0.46 0.00	-1.22 0.02 0.00	-2.50 0.04 0.00	9.03 -0.21 0.00	23.98 -0.51 0.00	42.71 -0.95 0.00	40.77 -0.72 0.00	27.14 -0.50 0.00	20.41 -0.61 0.00	56.13 -1.64 0.00	41.21 -1.02 0.00	26.73 -1.24 0.00	11.03 -0.44 0.00	25.50 -0.74 0.00	31.39 -0.35 0.00	-1.81 0.09 0.00	12.89 -0.67 0.00	20.47 -1.01 0.00	22.28 -0.70 0.00	27.82 -0.53 0.00
CLINTON__LFGE 323618	17.71 -0.57 16.10	3.38 -0.47 14.44	27.16 -0.63 0.00	19.25 -0.29 0.00	19.46 -0.23 0.00	-1.23 0.00 0.00	-2.53 0.01 0.00	9.16 -0.08 0.00	24.34 -0.15 0.00	43.34 -0.33 0.00	41.37 -0.13 0.00	27.56 -0.08 0.00	20.75 -0.27 0.00	57.10 -0.67 0.00	42.00 -0.23 0.00	27.25 -0.73 0.00	11.24 -0.23 0.00	25.96 -0.29 0.00	31.93 0.19 0.00	-1.85 0.05 0.00	13.11 -0.45 0.00	20.81 -0.67 0.00	22.60 -0.38 0.00	28.20 -0.16 0.00
COLONIE_LFGE__ 323577	55.35 1.89 -19.08	27.41 0.93 -8.19	36.54 1.47 -7.27	57.29 1.01 -36.74	44.18 1.07 -23.41	33.03 -0.07 -34.33	58.08 -0.13 -60.75	58.89 0.51 -49.15	58.14 1.22 -32.42	55.03 2.18 -9.19	56.35 1.93 -12.92	56.80 1.37 -27.79	53.85 1.09 -31.74	65.94 3.09 -5.08	60.90 2.01 -16.65	64.63 1.52 -35.13	48.51 0.66 -36.39	86.16 1.46 -58.45	60.99 1.78 -27.46	78.79 -0.10 -80.80	73.63 0.76 -59.31	69.54 1.08 -46.99	54.59 1.15 -30.46	42.29 1.44 -12.50
COPENHAGEN_WT_PWR 323753	31.63 -0.41 2.34	15.93 0.10 2.47	27.92 0.03 -0.09	20.80 0.05 -1.20	20.48 0.01 -0.77	-0.11 0.00 -1.13	-0.57 -0.01 -1.99	10.92 0.08 -1.61	25.60 0.06 -1.05	43.98 0.03 -0.28	41.49 -0.41 -0.40	28.20 -0.33 -0.88	21.58 -0.35 -0.92	57.21 -0.57 -0.01	42.60 0.05 -0.33	28.77 -0.11 -0.91	12.10 0.02 -0.61	28.19 0.54 -1.40	32.31 0.17 -0.39	0.25 0.01 -2.14	15.33 0.05 -1.72	23.06 0.27 -1.32	23.87 0.07 -0.81	28.79 0.21 -0.23

CORNELL____ 23752	38.22 1.58 -2.26	19.41 0.83 -0.29	29.36 1.15 -0.42	25.97 0.76 -5.67	24.05 0.74 -3.61	4.01 -0.05 -5.30	6.73 -0.10 -9.37	17.17 0.36 -7.58	30.37 0.94 -4.94	46.63 1.65 -1.32	45.02 1.64 -1.88	32.80 1.02 -4.14	26.05 0.72 -4.31	66.50 2.14 -6.59	50.23 1.48 -6.52	33.34 1.08 -4.28	14.81 0.46 -2.88	33.89 1.03 -6.62	34.63 1.04 -1.84	8.11 -0.08 -10.09	22.16 0.52 -8.08	28.53 0.87 -6.19	27.63 0.83 -3.82	30.36 0.94 -1.07
COXSACKIE____GT 23611	56.83 -0.04 -22.49	36.25 0.17 -17.79	43.15 0.73 -14.62	49.53 0.51 -29.48	39.04 0.56 -18.79	26.28 -0.04 -27.55	46.14 -0.06 -48.75	48.92 0.25 -39.44	51.76 0.50 -26.77	53.42 1.11 -8.63	54.65 0.95 -12.21	60.53 0.72 -32.17	57.70 0.62 -36.06	72.91 1.70 -13.45	69.91 1.34 -26.34	71.58 0.97 -42.64	75.33 0.43 -63.43	104.41 1.12 -77.04	84.88 0.98 -52.15	92.70 -0.04 -94.64	74.78 0.26 -60.96	72.75 0.26 -51.01	59.01 0.60 -35.43	50.33 1.10 -20.88
CPV_VALLEY____CC1 323721	68.20 2.44 -31.38	55.27 1.24 -35.73	57.51 2.00 -27.73	42.55 1.36 -21.65	34.80 1.31 -13.80	18.91 -0.08 -20.23	33.09 -0.16 -35.80	38.82 0.62 -28.96	47.30 1.68 -21.13	55.41 2.96 -8.78	56.70 2.82 -12.39	69.60 1.92 -40.04	68.38 1.47 -45.89	89.59 3.82 -28.00	89.35 2.68 -44.45	89.15 1.92 -59.26	125.04 0.79 -112.78	142.85 1.74 -114.86	130.36 2.07 -96.54	125.12 -0.13 -127.15	85.08 0.89 -70.63	86.09 1.42 -63.20	71.76 1.51 -47.27	66.58 1.92 -36.30
CPV_VALLEY____CC2 323722	68.20 2.44 -31.38	55.27 1.24 -35.73	57.51 2.00 -27.73	42.55 1.36 -21.65	34.80 1.31 -13.80	18.91 -0.08 -20.23	33.09 -0.16 -35.80	38.82 0.62 -28.96	47.30 1.68 -21.13	55.41 2.96 -8.78	56.70 2.82 -12.39	69.60 1.92 -40.04	68.38 1.47 -45.89	89.59 3.82 -28.00	89.35 2.68 -44.45	89.15 1.92 -59.26	125.04 0.79 -112.78	142.85 1.74 -114.86	130.36 2.07 -96.54	125.12 -0.13 -127.15	85.08 0.89 -70.63	86.09 1.42 -63.20	71.76 1.51 -47.27	66.58 1.92 -36.30
CRESCENT____HYD 24018	55.35 1.89 -19.08	27.41 0.93 -8.19	36.54 1.47 -7.27	57.29 1.01 -36.74	44.18 1.07 -23.41	33.03 -0.07 -34.33	58.08 -0.13 -60.75	58.89 0.51 -49.15	58.14 1.22 -32.42	55.03 2.18 -9.19	56.35 1.93 -12.92	56.80 1.37 -27.79	53.85 1.09 -31.74	65.94 3.09 -5.08	60.90 2.01 -16.65	64.63 1.52 -35.13	48.51 0.66 -36.39	86.16 1.46 -58.45	60.99 1.78 -27.46	78.79 -0.10 -80.80	73.63 0.76 -59.31	69.54 1.08 -46.99	54.59 1.15 -30.46	42.29 1.44 -12.50
CRICKET____VALLEY_CC1 323756	78.90 2.41 -42.11	68.71 1.27 -49.15	68.38 1.96 -38.63	47.25 1.32 -26.38	37.81 1.29 -16.82	23.34 -0.08 -24.66	40.93 -0.16 -43.64	45.15 0.61 -35.30	52.29 1.63 -26.16	57.86 2.81 -11.39	59.56 2.57 -15.50	70.37 1.74 -40.98	78.85 1.34 -56.49	100.58 3.53 -39.28	105.97 2.43 -61.31	109.88 1.74 -80.17	168.49 0.75 -156.28	184.45 1.65 -156.56	167.98 2.02 -134.22	169.33 -0.12 -171.36	107.84 0.85 -93.43	107.11 1.30 -84.34	87.98 1.35 -63.65	80.30 1.74 -50.21
CRICKET____VALLEY_CC2 323757	78.90 2.41 -42.11	68.71 1.27 -49.15	68.38 1.96 -38.63	47.25 1.32 -26.38	37.81 1.29 -16.82	23.34 -0.08 -24.66	40.93 -0.16 -43.64	45.15 0.61 -35.30	52.29 1.63 -26.16	57.86 2.81 -11.39	59.56 2.57 -15.50	70.37 1.74 -40.98	78.85 1.34 -56.49	100.58 3.53 -39.28	105.97 2.43 -61.31	109.88 1.74 -80.17	168.49 0.75 -156.28	184.45 1.65 -156.56	167.98 2.02 -134.22	169.33 -0.12 -171.36	107.84 0.85 -93.43	107.11 1.30 -84.34	87.98 1.35 -63.65	80.30 1.74 -50.21
CRICKET____VALLEY_CC3 323758	78.90 2.41 -42.11	68.71 1.27 -49.15	68.38 1.96 -38.63	47.25 1.32 -26.38	37.81 1.29 -16.82	23.34 -0.08 -24.66	40.93 -0.16 -43.64	45.15 0.61 -35.30	52.29 1.63 -26.16	57.86 2.81 -11.39	59.56 2.57 -15.50	70.37 1.74 -40.98	78.85 1.34 -56.49	100.58 3.53 -39.28	105.97 2.43 -61.31	109.88 1.74 -80.17	168.49 0.75 -156.28	184.45 1.65 -156.56	167.98 2.02 -134.22	169.33 -0.12 -171.36	107.84 0.85 -93.43	107.11 1.30 -84.34	87.98 1.35 -63.65	80.30 1.74 -50.21
CRUCIBLE_METL_DRP 24180	35.99 0.54 -1.07	18.71 0.28 -0.14	28.34 0.35 -0.20	22.44 0.22 -2.68	21.61 0.20 -1.71	1.26 -0.01 -2.51	1.86 -0.03 -4.44	12.93 0.10 -3.59	27.14 0.30 -2.34	44.84 0.55 -0.62	42.90 0.51 -0.89	29.91 0.31 -1.96	23.32 0.25 -2.04	58.49 0.71 -0.02	43.42 0.47 -0.73	30.36 0.36 -2.02	12.98 0.14 -1.37	29.67 0.29 -3.13	32.82 0.21 -0.87	2.85 -0.03 -4.78	17.54 0.16 -3.83	24.67 0.26 -2.93	25.00 0.21 -1.81	29.06 0.21 -0.50
DAHOWA____HYDRO 323763	55.73 2.56 -18.79	26.64 1.25 -7.10	36.10 1.86 -6.44	58.71 1.30 -37.87	45.18 1.35 -24.13	34.07 -0.08 -35.39	59.91 -0.17 -62.62	60.55 0.65 -50.66	59.44 1.62 -33.33	55.76 2.77 -9.32	57.17 2.54 -13.13	57.46 1.73 -28.09	54.08 1.36 -31.71	65.71 3.83 -4.12	60.46 2.62 -15.62	64.45 1.98 -34.49	45.79 0.91 -33.42	84.95 2.06 -56.65	58.93 2.48 -24.71	77.68 -0.14 -79.72	74.15 1.04 -59.54	69.82 1.50 -46.85	54.61 1.54 -30.08	41.78 1.84 -11.59
DANC____LFGE 323619	32.88 -0.23 1.27	16.75 0.07 1.62	27.91 0.01 -0.11	21.10 0.01 -1.55	20.66 -0.02 -0.98	0.21 0.00 -1.44	0.01 -0.01 -2.55	11.34 0.03 -2.07	25.85 0.01 -1.35	44.02 -0.01 -0.36	41.71 -0.30 -0.51	28.54 -0.23 -1.13	21.96 -0.24 -1.18	57.39 -0.39 -0.01	42.64 -0.01 -0.42	29.06 -0.08 -1.16	12.25 -0.01 -0.79	28.32 0.27 -1.80	32.23 -0.01 -0.50	0.86 0.01 -2.75	15.77 0.01 -2.20	23.31 0.15 -1.69	24.04 0.02 -1.04	28.71 0.06 -0.29
DANSKAMMER____1 23586	76.45 3.27 -38.81	65.09 1.69 -45.10	65.62 2.63 -35.19	46.21 1.78 -24.88	37.29 1.74 -15.86	21.91 -0.11 -23.25	38.39 -0.22 -41.15	43.34 0.82 -33.28	51.29 2.23 -24.57	58.23 4.00 -10.57	60.26 3.86 -14.90	79.32 2.63 -49.05	79.48 2.00 -56.46	98.77 5.28 -35.73	101.99 3.77 -55.99	104.23 2.69 -73.57	155.17 1.13 -142.56	172.18 2.53 -143.41	157.13 3.04 -122.34	155.33 -0.18 -157.41	101.06 1.27 -86.23	101.11 1.98 -77.67	83.52 2.06 -58.48	76.74 2.57 -45.82
DANSKAMMER____2 23589	76.45 3.27 -38.81	65.09 1.69 -45.10	65.62 2.63 -35.19	46.21 1.78 -24.88	37.29 1.74 -15.86	21.91 -0.11 -23.25	38.39 -0.22 -41.15	43.34 0.82 -33.28	51.29 2.23 -24.57	58.23 4.00 -10.57	60.26 3.86 -14.90	79.32 2.63 -49.05	79.48 2.00 -56.46	98.77 5.28 -35.73	101.99 3.77 -55.99	104.23 2.69 -73.57	155.17 1.13 -142.56	172.18 2.53 -143.41	157.13 3.04 -122.34	155.33 -0.18 -157.41	101.06 1.27 -86.23	101.11 1.98 -77.67	83.52 2.06 -58.48	76.74 2.57 -45.82
DANSKAMMER____3 23590	76.45 3.27 -38.81	65.09 1.69 -45.10	65.62 2.63 -35.19	46.21 1.78 -24.88	37.29 1.74 -15.86	21.91 -0.11 -23.25	38.39 -0.22 -41.15	43.34 0.82 -33.28	51.29 2.23 -24.57	58.23 4.00 -10.57	60.26 3.86 -14.90	79.32 2.63 -49.05	79.48 2.00 -56.46	98.77 5.28 -35.73	101.99 3.77 -55.99	104.23 2.69 -73.57	155.17 1.13 -142.56	172.18 2.53 -143.41	157.13 3.04 -122.34	155.33 -0.18 -157.41	101.06 1.27 -86.23	101.11 1.98 -77.67	83.52 2.06 -58.48	76.74 2.57 -45.82
DANSKAMMER____4 23591	76.45 3.27 -38.81	65.09 1.69 -45.10	65.62 2.63 -35.19	46.21 1.78 -24.88	37.29 1.74 -15.86	21.91 -0.11 -23.25	38.39 -0.22 -41.15	43.34 0.82 -33.28	51.29 2.23 -24.57	58.23 4.00 -10.57	60.26 3.86 -14.90	79.32 2.63 -49.05	79.48 2.00 -56.46	98.77 5.28 -35.73	101.99 3.77 -55.99	104.23 2.69 -73.57	155.17 1.13 -142.56	172.18 2.53 -143.41	157.13 3.04 -122.34	155.33 -0.18 -157.41	101.06 1.27 -86.23	101.11 1.98 -77.67	83.52 2.06 -58.48	76.74 2.57 -45.82

DANSKAMMER___DIESEL 23592	76.45 3.27 -38.81	65.09 1.69 -45.10	65.62 2.63 -35.19	46.21 1.78 -24.88	37.29 1.74 -15.86	21.91 -0.11 -23.25	38.39 -0.22 -41.15	43.34 0.82 -33.28	51.29 2.23 -24.57	58.23 4.00 -10.57	60.26 3.86 -14.90	79.32 2.63 -49.05	79.48 2.00 -56.46	98.77 5.28 -35.73	101.99 3.77 -55.99	104.23 2.69 -73.57	155.17 1.13 -142.56	172.18 2.53 -143.41	157.13 3.04 -122.34	155.33 -0.18 -157.41	101.06 1.27 -86.23	101.11 1.98 -77.67	83.52 2.06 -58.48	76.74 2.57 -45.82
DASHVILLE___HYD 23610	69.80 3.35 -32.07	54.55 1.72 -34.53	57.63 2.68 -27.16	46.90 1.82 -25.54	37.71 1.74 -16.28	22.52 -0.11 -23.87	39.48 -0.22 -42.23	44.21 0.81 -34.16	51.16 2.22 -24.44	57.24 4.01 -9.56	58.85 3.86 -13.49	72.07 2.64 -41.79	70.77 1.98 -47.76	90.09 5.21 -27.11	90.18 3.71 -44.23	91.71 2.96 -60.78	124.17 1.29 -111.41	145.56 2.86 -116.46	130.19 3.58 -94.86	129.05 -0.21 -131.16	89.92 1.49 -74.87	89.96 2.34 -66.14	74.20 2.40 -48.82	67.20 2.88 -35.97
DELAWARE___LFGE 323621	40.84 1.71 -4.75	20.87 0.90 -1.68	30.79 1.37 -1.63	30.51 0.96 -10.00	26.97 0.90 -6.37	8.05 -0.06 -9.34	13.88 -0.11 -16.53	23.04 0.42 -13.38	34.46 1.17 -8.79	48.19 2.07 -2.45	46.95 1.97 -3.49	37.04 1.30 -8.10	30.59 0.98 -8.59	61.35 2.58 -1.01	48.08 1.84 -4.01	38.29 1.33 -8.98	20.54 0.54 -8.53	42.16 1.22 -14.70	39.40 1.38 -6.27	18.81 -0.09 -20.80	29.78 0.61 -15.61	34.71 0.98 -12.26	31.84 1.01 -7.85	32.56 1.23 -2.97
DOGLEVILLE___HYD 23807	35.17 0.03 -0.75	19.09 0.12 -0.68	28.12 0.33 0.00	19.67 0.13 0.00	19.80 0.11 0.00	-1.25 -0.01 0.00	-2.56 -0.01 0.00	9.32 0.08 0.00	24.61 0.12 0.00	43.81 0.14 0.00	41.69 0.19 0.00	27.87 0.24 0.00	21.20 0.18 0.00	58.34 0.58 0.00	42.58 0.35 0.00	28.38 0.41 0.00	11.52 0.05 0.00	26.52 0.27 0.00	32.03 0.29 0.00	-1.91 -0.01 0.00	13.60 0.04 0.00	21.48 0.00 0.00	22.93 -0.05 0.00	28.27 -0.08 0.00
DUNKIRK___1 23563	38.29 2.19 -1.72	19.71 1.20 -0.22	29.52 1.41 -0.32	24.67 0.83 -4.30	23.31 0.88 -2.74	2.71 -0.07 -4.02	4.44 -0.13 -7.12	15.40 0.40 -5.75	29.39 1.14 -3.75	46.33 1.66 -1.00	44.15 1.23 -1.43	31.34 0.56 -3.15	24.69 0.40 -3.27	40.29 0.87 18.36	29.94 0.52 12.82	31.94 0.76 -3.20	14.01 0.34 -2.19	31.87 0.60 -5.02	33.42 0.28 -1.39	5.66 -0.10 -7.66	20.31 0.61 -6.14	27.29 1.12 -4.70	26.97 1.09 -2.90	30.39 1.22 -0.81
DUNKIRK___2 23564	38.29 2.19 -1.72	19.71 1.20 -0.22	29.52 1.41 -0.32	24.67 0.83 -4.30	23.31 0.88 -2.74	2.71 -0.07 -4.02	4.44 -0.13 -7.12	15.40 0.40 -5.75	29.39 1.14 -3.75	46.33 1.66 -1.00	44.15 1.23 -1.43	31.34 0.56 -3.15	24.69 0.40 -3.27	40.29 0.87 18.36	29.94 0.52 12.82	31.94 0.76 -3.20	14.01 0.34 -2.19	31.87 0.60 -5.02	33.42 0.28 -1.39	5.66 -0.10 -7.66	20.31 0.61 -6.14	27.29 1.12 -4.70	26.97 1.09 -2.90	30.39 1.22 -0.81
DUNKIRK___3 23565	38.06 1.96 -1.72	19.58 1.07 -0.22	29.38 1.27 -0.32	24.61 0.76 -4.31	23.26 0.82 -2.75	2.73 -0.06 -4.03	4.46 -0.13 -7.13	15.37 0.37 -5.77	29.22 0.96 -3.76	46.06 1.40 -1.00	43.87 0.95 -1.43	31.20 0.41 -3.15	24.60 0.30 -3.28	38.52 0.57 19.82	28.56 0.26 13.93	31.72 0.55 -3.20	13.91 0.25 -2.19	31.67 0.39 -5.03	33.17 0.03 -1.40	5.68 -0.09 -7.67	20.21 0.50 -6.15	27.12 0.94 -4.71	26.81 0.92 -2.91	30.18 1.01 -0.81
DUNKIRK___4 23566	38.06 1.96 -1.72	19.58 1.07 -0.22	29.38 1.27 -0.32	24.61 0.76 -4.31	23.26 0.82 -2.75	2.73 -0.06 -4.03	4.46 -0.13 -7.13	15.37 0.37 -5.77	29.22 0.96 -3.76	46.06 1.40 -1.00	43.87 0.95 -1.43	31.20 0.41 -3.15	24.60 0.30 -3.28	38.52 0.57 19.82	28.56 0.26 13.93	31.72 0.55 -3.20	13.91 0.25 -2.19	31.67 0.39 -5.03	33.17 0.03 -1.40	5.68 -0.09 -7.67	20.21 0.50 -6.15	27.12 0.94 -4.71	26.81 0.92 -2.91	30.18 1.01 -0.81
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	77.31 3.18 -39.74	66.84 1.64 -46.91	66.47 2.70 -35.98	46.05 1.83 -24.67	37.20 1.78 -15.72	21.71 -0.11 -23.06	38.04 -0.22 -40.80	43.07 0.82 -33.00	51.20 2.26 -24.45	58.35 4.05 -10.63	60.34 3.86 -14.99	79.92 2.60 -49.68	80.23 1.99 -57.22	99.51 5.17 -36.58	102.95 3.60 -57.12	105.18 2.48 -74.73	158.06 1.01 -145.58	174.36 2.20 -145.91	159.40 2.62 -125.02	157.69 -0.16 -159.75	101.87 1.16 -87.16	101.99 1.87 -78.65	84.34 2.02 -59.34	77.71 2.59 -46.77
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	74.18 3.02 -36.78	62.32 1.55 -42.48	63.31 2.45 -33.07	45.36 1.66 -24.15	36.71 1.62 -15.39	21.24 -0.10 -22.57	37.20 -0.20 -39.94	42.31 0.75 -32.31	50.31 2.06 -23.75	57.42 3.65 -10.10	59.26 3.52 -14.25	76.65 2.41 -46.60	76.44 1.83 -53.58	96.07 4.78 -33.52	98.39 3.41 -52.75	100.04 2.44 -69.63	146.64 1.02 -134.15	163.99 2.27 -135.48	149.52 2.74 -115.03	147.04 -0.17 -149.11	96.77 1.16 -82.05	97.03 1.82 -73.74	80.29 1.91 -55.41	73.88 2.39 -43.14
E179THST_138_KV_TB4_REV_LBMP_J 345001	77.46 3.33 -39.75	66.90 1.69 -46.92	66.58 2.80 -35.98	46.10 1.88 -24.67	37.23 1.81 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.09 0.84 -33.01	51.28 2.34 -24.45	58.49 4.19 -10.63	60.40 3.92 -14.99	79.97 2.64 -49.69	80.29 2.03 -57.23	99.54 5.18 -36.59	102.96 3.60 -57.13	105.21 2.49 -74.74	158.05 0.97 -145.60	174.31 2.13 -145.94	159.42 2.62 -125.05	157.72 -0.16 -159.78	101.88 1.16 -87.17	102.04 1.91 -78.66	84.42 2.09 -59.35	77.93 2.80 -46.78
EAST HAMPTON___GT 23717	79.38 5.24 -39.76	67.97 2.74 -46.93	92.17 4.54 -59.83	47.80 3.14 -25.12	38.49 3.07 -15.73	21.62 -0.20 -23.06	37.92 -0.35 -40.81	43.56 1.31 -33.02	52.64 3.69 -24.46	61.22 6.92 -10.64	140.19 6.78 -91.91	162.29 4.52 -130.13	166.36 3.35 -141.99	177.15 8.43 -110.96	275.83 6.02 -227.58	445.04 4.13 -412.94	402.08 1.68 -388.93	461.21 3.43 -431.54	507.82 4.29 -471.78	357.97 -0.27 -360.14	412.72 2.09 -397.07	380.18 3.27 -355.43	329.02 3.55 -302.49	96.82 4.45 -64.02
EAST RIVER___6 23660	77.58 3.46 -39.74	66.98 1.78 -46.91	66.73 2.96 -35.98	46.23 2.02 -24.67	37.38 1.96 -15.72	21.69 -0.12 -23.06	38.01 -0.24 -40.80	43.15 0.91 -33.00	51.44 2.50 -24.45	58.84 4.54 -10.63	60.84 4.36 -14.99	80.17 2.85 -49.68	80.41 2.17 -57.22	99.86 5.52 -36.58	103.16 3.82 -57.11	105.28 2.58 -74.72	158.02 0.98 -145.57	174.28 2.13 -145.90	159.28 2.52 -125.02	157.69 -0.15 -159.74	101.86 1.16 -87.15	102.16 2.04 -78.64	84.56 2.24 -59.34	77.94 2.81 -46.77
EAST RIVER___7 23524	77.58 3.46 -39.74	66.98 1.78 -46.91	66.73 2.96 -35.98	46.23 2.02 -24.67	37.38 1.96 -15.72	21.69 -0.12 -23.06	38.01 -0.24 -40.80	43.15 0.91 -33.00	51.44 2.50 -24.45	58.84 4.54 -10.63	60.84 4.36 -14.99	80.17 2.85 -49.68	80.41 2.17 -57.22	99.86 5.52 -36.58	103.16 3.82 -57.11	105.28 2.58 -74.72	158.02 0.98 -145.57	174.28 2.13 -145.90	159.28 2.52 -125.02	157.69 -0.15 -159.74	101.86 1.16 -87.15	102.16 2.04 -78.64	84.56 2.24 -59.34	77.94 2.81 -46.77
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	77.05 3.09 -39.58	66.63 1.59 -46.75	66.18 2.61 -35.78	45.92 1.78 -24.59	37.10 1.73 -15.67	21.64 -0.11 -22.98	37.92 -0.21 -40.67	42.94 0.80 -32.90	51.05 2.19 -24.37	58.17 3.92 -10.59	60.15 3.72 -14.93	79.61 2.52 -49.44	79.90 1.93 -56.94	99.17 5.03 -36.37	102.56 3.52 -56.81	104.76 2.44 -74.35	157.24 0.99 -144.78	173.57 2.18 -145.15	158.66 2.59 -124.33	156.90 -0.16 -158.95	101.44 1.14 -86.75	101.56 1.82 -78.27	83.99 1.96 -59.04	77.38 2.51 -46.52







GLENWOOD_IC_1_G5 23712	77.75 3.61 -39.76	67.11 1.88 -46.93	90.76 3.14 -59.83	46.80 2.14 -25.12	37.50 2.08 -15.73	21.69 -0.13 -23.06	38.03 -0.24 -40.81	43.17 0.91 -33.02	51.47 2.51 -24.46	58.87 4.57 -10.64	137.91 4.50 -91.91	160.81 3.05 -130.13	165.33 2.32 -141.99	174.76 6.03 -110.96	274.09 4.28 -227.58	443.85 2.94 -412.94	401.60 1.20 -388.93	460.42 2.63 -431.54	506.68 3.15 -471.78	358.05 -0.19 -360.14	412.02 1.39 -397.07	379.13 2.22 -355.43	327.87 2.40 -302.49	95.41 3.04 -64.02
GLENWOOD_IC_2_G1 23688	77.54 3.40 -39.76	67.00 1.77 -46.93	90.56 2.94 -59.83	46.67 2.01 -25.12	37.38 1.95 -15.73	21.70 -0.12 -23.06	38.04 -0.23 -40.81	43.12 0.87 -33.02	51.33 2.38 -24.46	58.61 4.30 -10.64	137.60 4.20 -91.91	160.59 2.82 -130.13	165.15 2.14 -141.99	174.28 5.55 -110.96	273.72 3.91 -227.58	443.59 2.68 -412.94	401.49 1.09 -388.93	460.18 2.40 -431.54	506.40 2.87 -471.78	358.07 -0.18 -360.14	411.90 1.27 -397.07	378.95 2.05 -355.43	327.68 2.21 -302.49	95.20 2.83 -64.02
GLENWOOD_IC_3_G1 23689	77.54 3.40 -39.76	67.00 1.77 -46.93	90.56 2.94 -59.83	46.67 2.01 -25.12	37.38 1.95 -15.73	21.70 -0.12 -23.06	38.04 -0.23 -40.81	43.12 0.87 -33.02	51.33 2.38 -24.46	58.61 4.30 -10.64	137.60 4.20 -91.91	160.59 2.82 -130.13	165.15 2.14 -141.99	174.28 5.55 -110.96	273.72 3.91 -227.58	443.59 2.68 -412.94	401.49 1.09 -388.93	460.18 2.40 -431.54	506.40 2.87 -471.78	358.07 -0.18 -360.14	411.90 1.27 -397.07	378.95 2.05 -355.43	327.68 2.21 -302.49	95.20 2.83 -64.02
GLENWOOD___4 23550	77.75 3.61 -39.76	67.11 1.88 -46.93	90.76 3.14 -59.83	46.80 2.14 -25.12	37.50 2.08 -15.73	21.69 -0.13 -23.06	38.03 -0.24 -40.81	43.17 0.91 -33.02	51.47 2.51 -24.46	58.87 4.57 -10.64	137.91 4.50 -91.91	160.81 3.05 -130.13	165.33 2.32 -141.99	174.76 6.03 -110.96	274.09 4.28 -227.58	443.85 2.94 -412.94	401.60 1.20 -388.93	460.42 2.63 -431.54	506.68 3.15 -471.78	358.05 -0.19 -360.14	412.02 1.39 -397.07	379.13 2.22 -355.43	327.87 2.40 -302.49	95.41 3.04 -64.02
GLENWOOD___5 23614	77.75 3.61 -39.76	67.11 1.88 -46.93	90.76 3.14 -59.83	46.80 2.14 -25.12	37.50 2.08 -15.73	21.69 -0.13 -23.06	38.03 -0.24 -40.81	43.17 0.91 -33.02	51.47 2.51 -24.46	58.87 4.57 -10.64	137.91 4.50 -91.91	160.81 3.05 -130.13	165.33 2.32 -141.99	174.76 6.03 -110.96	274.09 4.28 -227.58	443.85 2.94 -412.94	401.60 1.20 -388.93	460.42 2.63 -431.54	506.68 3.15 -471.78	358.05 -0.19 -360.14	412.02 1.39 -397.07	379.13 2.22 -355.43	327.87 2.40 -302.49	95.41 3.04 -64.02
GLOBAL GREEN_PORT_GT1 23814	79.25 5.11 -39.76	67.90 2.68 -46.93	92.05 4.43 -59.83	47.72 3.06 -25.12	38.42 2.99 -15.73	21.63 -0.20 -23.06	37.93 -0.34 -40.81	43.52 1.27 -33.02	52.56 3.60 -24.46	61.06 6.76 -10.64	140.06 6.65 -91.91	162.21 4.44 -130.13	166.26 3.25 -141.99	176.70 7.97 -110.96	275.60 5.79 -227.58	445.00 4.09 -412.94	402.06 1.66 -388.93	461.05 3.27 -431.54	507.60 4.07 -471.78	357.98 -0.26 -360.14	412.70 2.06 -397.07	380.13 3.22 -355.43	328.97 3.50 -302.49	96.73 4.36 -64.02
GLOBE___DSASP 323697	36.22 0.25 -1.59	18.68 0.18 -0.20	28.08 -0.01 -0.30	23.49 -0.04 -3.99	22.30 0.06 -2.55	2.50 0.01 -3.73	4.03 -0.03 -6.60	14.57 -0.01 -5.34	27.73 -0.25 -3.48	43.64 -0.94 -0.92	40.62 -1.56 -0.68	29.36 -1.18 -2.89	23.25 -0.81 -3.04	39.28 -2.74 15.75	29.23 -2.23 10.76	29.76 -1.17 -2.95	13.03 -0.47 -2.03	29.63 -1.28 -4.66	31.07 -1.95 -1.27	5.22 0.01 -7.10	19.00 -0.24 -5.68	25.53 -0.29 -4.34	25.37 -0.30 -2.69	28.61 -0.50 -0.75
GOETHSLN___LBMP 323567	74.94 3.15 -37.41	66.83 1.62 -46.91	66.47 2.70 -35.98	46.09 1.87 -24.67	37.23 1.81 -15.72	21.70 -0.12 -23.06	38.03 -0.22 -40.80	43.09 0.85 -33.00	51.28 2.34 -24.45	58.52 4.22 -10.63	60.45 3.96 -14.99	77.43 2.65 -47.15	78.13 2.02 -55.09	85.53 5.16 -22.60	88.13 3.49 -42.41	88.12 2.37 -57.77	89.13 0.92 -76.74	110.88 2.00 -82.64	103.41 2.40 -69.27	88.11 -0.15 -90.16	88.12 1.10 -73.46	88.12 1.83 -64.82	81.90 1.99 -56.92	77.32 2.56 -46.40
GOODYEAR_LAKE_HYD 323669	39.47 2.19 -2.90	21.18 1.16 -1.73	31.04 1.74 -1.50	25.59 1.23 -4.82	23.93 1.16 -3.07	3.19 -0.07 -4.50	5.27 -0.15 -7.96	16.23 0.55 -6.44	30.32 1.53 -4.30	47.65 2.70 -1.28	45.88 2.58 -1.80	33.43 1.69 -4.11	27.06 1.27 -4.76	62.32 3.31 -1.25	47.60 2.38 -2.99	35.20 1.72 -5.50	19.05 0.68 -6.90	37.36 1.57 -9.53	39.03 1.81 -5.47	10.43 -0.12 -12.44	22.96 0.80 -8.61	29.73 1.27 -6.99	28.97 1.31 -4.68	32.25 1.58 -2.31
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.04 1.44 -3.22	19.47 0.76 -0.41	29.50 1.11 -0.60	28.34 0.72 -8.08	25.55 0.71 -5.15	6.26 -0.05 -7.55	10.72 -0.10 -13.36	20.38 0.34 -10.81	32.46 0.93 -7.04	47.12 1.58 -1.88	45.69 1.52 -2.67	34.50 0.95 -5.91	27.85 0.69 -6.14	59.73 1.91 -0.05	45.69 1.27 -2.19	35.04 0.98 -6.08	15.98 0.40 -4.11	36.61 0.93 -9.43	35.21 0.85 -2.62	12.41 -0.07 -14.38	25.53 0.45 -11.52	31.07 0.78 -8.82	29.17 0.73 -5.45	30.73 0.86 -1.52
GOUDEY___7 23579	39.08 1.48 -3.22	19.49 0.78 -0.41	29.53 1.13 -0.60	28.36 0.74 -8.08	25.57 0.73 -5.15	6.26 -0.05 -7.55	10.72 -0.10 -13.36	20.39 0.35 -10.81	32.48 0.95 -7.04	47.17 1.62 -1.88	45.73 1.56 -2.67	34.53 0.98 -5.91	27.88 0.72 -6.14	59.80 1.98 -0.05	45.74 1.32 -2.19	35.07 1.02 -6.08	16.00 0.42 -4.11	36.64 0.96 -9.43	35.25 0.88 -2.62	12.41 -0.07 -14.38	25.54 0.46 -11.52	31.10 0.80 -8.82	29.19 0.76 -5.45	30.76 0.88 -1.52
GOUDEY___8 23580	39.04 1.44 -3.22	19.47 0.76 -0.41	29.50 1.11 -0.60	28.34 0.72 -8.08	25.55 0.71 -5.15	6.26 -0.05 -7.55	10.72 -0.10 -13.36	20.38 0.34 -10.81	32.46 0.93 -7.04	47.12 1.58 -1.88	45.69 1.52 -2.67	34.50 0.95 -5.91	27.85 0.69 -6.14	59.73 1.91 -0.05	45.69 1.27 -2.19	35.04 0.98 -6.08	15.98 0.40 -4.11	36.61 0.93 -9.43	35.21 0.85 -2.62	12.41 -0.07 -14.38	25.53 0.45 -11.52	31.07 0.78 -8.82	29.17 0.73 -5.45	30.73 0.86 -1.52
GOWANUS_GT1_1 24077	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT1_2 24078	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT1_3 24079	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82

GOWANUS_GT1_4 24080	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT1_5 24084	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT1_6 24111	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT1_7 24112	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT1_8 24113	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT2_1 24114	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT2_2 24115	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT2_3 24116	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT2_4 24117	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT2_5 24118	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT2_6 24119	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT2_7 24120	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT2_8 24121	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT3_1 24122	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT3_2 24123	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82



GOWANUS_GT3_3 24124	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT3_4 24125	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT3_5 24126	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT3_6 24127	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT3_7 24128	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT3_8 24129	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT4_1 24130	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT4_2 24131	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT4_3 24132	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT4_4 24133	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT4_5 24134	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT4_6 24135	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT4_7 24136	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GOWANUS_GT4_8 24137	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GREENIDGE___3 23582	38.01 1.63 -2.01	19.38 0.83 -0.26	29.25 1.08 -0.38	25.24 0.67 -5.03	23.58 0.68 -3.21	3.42 -0.05 -4.70	5.68 -0.09 -8.32	16.28 0.32 -6.73	29.71 0.83 -4.39	46.30 1.46 -1.17	44.47 1.31 -1.67	32.07 0.75 -3.68	25.40 0.55 -3.83	86.10 1.27 -27.06	65.11 0.96 -21.92	32.63 0.80 -3.85	14.38 0.35 -2.56	32.92 0.80 -5.88	34.01 0.63 -1.63	6.99 -0.07 -8.96	21.21 0.47 -7.18	27.77 0.80 -5.50	27.12 0.74 -3.39	30.12 0.82 -0.95

GREENIDGE___4 23583	38.01 1.63 -2.01	19.38 0.83 -0.26	29.25 1.08 -0.38	25.24 0.67 -5.03	23.58 0.68 -3.21	3.42 -0.05 -4.70	5.68 -0.09 -8.32	16.28 0.32 -6.73	29.71 0.83 -4.39	46.30 1.46 -1.17	44.47 1.31 -1.67	32.07 0.75 -3.68	25.40 0.55 -3.83	86.10 1.27 -27.06	65.11 0.96 -21.92	32.63 0.80 -3.85	14.38 0.35 -2.56	32.92 0.80 -5.88	34.01 0.63 -1.63	6.99 -0.07 -8.96	21.21 0.47 -7.18	27.77 0.80 -5.50	27.12 0.74 -3.39	30.12 0.82 -0.95
GREENWD_138_KV_38B11_REV_LBMP_J 345004	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
GROVEVILLE___HYD 323602	76.84 3.33 -39.13	65.57 1.73 -45.55	66.02 2.68 -35.55	46.33 1.82 -24.96	37.37 1.77 -15.91	21.98 -0.11 -23.33	38.52 -0.22 -41.29	43.47 0.83 -33.40	51.43 2.26 -24.67	58.39 4.08 -10.64	60.44 3.95 -15.00	79.77 2.69 -49.44	79.98 2.04 -56.92	99.27 5.40 -36.10	102.62 3.86 -56.53	104.93 2.74 -74.21	156.59 1.16 -143.96	173.53 2.59 -144.70	158.42 3.11 -123.56	156.65 -0.19 -158.74	101.74 1.30 -86.88	101.77 2.02 -78.28	84.06 2.10 -58.97	77.24 2.62 -46.27
HAMPSHIRE___PAPER_HYD 323593	24.48 -1.37 8.53	10.06 -0.59 7.65	26.85 -0.94 0.00	18.91 -0.63 0.00	19.03 -0.67 0.00	-1.20 0.04 0.00	-2.46 0.08 0.00	8.92 -0.32 0.00	23.59 -0.90 0.00	42.12 -1.55 0.00	40.17 -1.33 0.00	26.67 -0.97 0.00	20.22 -0.80 0.00	55.97 -1.80 0.00	41.19 -1.04 0.00	27.16 -0.82 0.00	11.16 -0.32 0.00	25.68 -0.56 0.00	31.06 -0.68 0.00	-1.84 0.06 0.00	13.15 -0.41 0.00	20.89 -0.58 0.00	22.44 -0.54 0.00	27.71 -0.64 0.00
HARDSCRABBLE_WT_PWR 323673	34.96 -0.17 -0.75	19.04 0.07 -0.68	28.09 0.30 0.00	19.67 0.13 0.00	19.81 0.12 0.00	-1.25 -0.01 0.00	-2.56 -0.01 0.00	9.32 0.08 0.00	24.63 0.14 0.00	43.84 0.17 0.00	41.66 0.17 0.00	27.85 0.21 0.00	21.20 0.18 0.00	58.21 0.44 0.00	42.46 0.23 0.00	28.27 0.29 0.00	11.40 -0.07 0.00	26.24 0.00 0.00	31.78 0.03 0.00	-1.90 0.00 0.00	13.49 -0.07 0.00	21.31 -0.16 0.00	22.83 -0.15 0.00	28.19 -0.16 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	73.20 3.03 -35.79	61.44 1.55 -41.59	62.31 2.46 -32.07	44.51 1.67 -23.29	36.16 1.62 -14.85	20.43 -0.10 -21.77	35.78 -0.20 -38.52	41.15 0.75 -31.16	49.49 2.07 -22.92	57.09 3.66 -9.76	58.84 3.56 -13.77	75.23 2.45 -45.14	74.78 1.87 -51.88	95.22 4.95 -32.51	96.90 3.55 -51.11	97.92 2.52 -67.42	142.55 1.06 -130.03	159.81 2.34 -131.23	146.03 2.77 -111.51	142.30 -0.16 -144.37	94.11 1.16 -79.39	94.65 1.81 -71.37	78.53 1.90 -53.64	72.58 2.41 -41.81
HARZA MOOSE___RIVER 24016	32.87 0.31 1.82	16.88 0.22 1.63	28.05 0.26 0.00	19.72 0.18 0.00	19.87 0.17 0.00	-1.25 -0.01 0.00	-2.57 -0.03 0.00	9.33 0.09 0.00	24.69 0.20 0.00	44.06 0.40 0.00	41.91 0.42 0.00	27.90 0.26 0.00	21.23 0.21 0.00	58.51 0.74 0.00	42.92 0.69 0.00	28.43 0.45 0.00	11.66 0.19 0.00	26.79 0.54 0.00	32.23 0.49 0.00	-1.92 -0.02 0.00	13.74 0.19 0.00	21.80 0.33 0.00	23.26 0.28 0.00	28.68 0.32 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	77.42 3.30 -39.75	66.90 1.68 -46.92	66.59 2.81 -35.98	46.13 1.91 -24.67	37.27 1.85 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.87 -33.01	51.34 2.39 -24.45	58.62 4.31 -10.63	60.55 4.06 -14.99	80.02 2.70 -49.69	80.32 2.07 -57.23	99.63 5.27 -36.59	102.93 3.57 -57.13	105.15 2.43 -74.74	158.03 0.95 -145.60	174.25 2.07 -145.94	159.30 2.50 -125.05	157.73 -0.15 -159.78	101.85 1.13 -87.17	102.03 1.90 -78.66	84.42 2.08 -59.35	77.90 2.76 -46.78
HEMPSTEAD____ 23647	77.71 3.57 -39.76	67.10 1.87 -46.93	90.78 3.17 -59.83	46.82 2.16 -25.12	37.53 2.10 -15.73	21.69 -0.14 -23.06	38.03 -0.23 -40.81	43.14 0.89 -33.02	51.41 2.45 -24.46	58.77 4.47 -10.64	137.76 4.36 -91.91	160.68 2.92 -130.13	165.20 2.19 -141.99	174.36 5.63 -110.96	273.81 4.00 -227.58	443.65 2.74 -412.94	401.53 1.13 -388.93	460.23 2.45 -431.54	506.50 2.97 -471.78	358.06 -0.18 -360.14	411.96 1.32 -397.07	379.04 2.14 -355.43	327.85 2.37 -302.49	95.40 3.03 -64.02
HICKLING___1 23621	39.26 2.33 -2.54	19.84 1.22 -0.32	29.97 1.70 -0.47	26.99 1.07 -6.37	24.85 1.09 -4.06	4.64 -0.08 -5.95	7.85 -0.15 -10.54	18.27 0.51 -8.52	31.42 1.37 -5.56	47.47 2.33 -1.48	45.83 2.23 -2.11	33.61 1.31 -4.66	26.79 0.93 -4.84	68.93 2.56 -8.60	52.19 1.72 -8.24	34.11 1.31 -4.82	15.31 0.60 -3.24	35.07 1.38 -7.44	35.00 1.18 -2.06	9.34 -0.10 -11.34	23.36 0.71 -9.09	29.67 1.24 -6.96	28.46 1.18 -4.30	30.94 1.39 -1.20
HICKLING___2 23622	39.26 2.33 -2.54	19.84 1.22 -0.32	29.97 1.70 -0.47	26.99 1.07 -6.37	24.85 1.09 -4.06	4.64 -0.08 -5.95	7.85 -0.15 -10.54	18.27 0.51 -8.52	31.42 1.37 -5.56	47.47 2.33 -1.48	45.83 2.23 -2.11	33.61 1.31 -4.66	26.79 0.93 -4.84	68.93 2.56 -8.60	52.19 1.72 -8.24	34.11 1.31 -4.82	15.31 0.60 -3.24	35.07 1.38 -7.44	35.00 1.18 -2.06	9.34 -0.10 -11.34	23.36 0.71 -9.09	29.67 1.24 -6.96	28.46 1.18 -4.30	30.94 1.39 -1.20
HIGH FALLS___HY 23754	70.36 3.97 -32.01	55.24 2.02 -34.93	58.28 3.07 -27.41	46.30 2.09 -24.66	37.43 2.02 -15.72	21.68 -0.13 -23.05	37.99 -0.25 -40.79	43.19 0.96 -32.99	50.82 2.61 -23.71	57.85 4.78 -9.40	59.36 4.60 -13.27	72.25 3.09 -41.51	70.77 2.26 -47.48	91.20 5.98 -27.45	91.01 4.32 -44.47	91.78 3.16 -60.64	124.99 1.30 -112.21	145.71 2.93 -116.53	131.19 3.77 -95.67	128.56 -0.22 -130.68	89.24 1.57 -74.11	89.63 2.48 -65.67	74.12 2.52 -48.63	67.57 3.02 -36.20
HILLBURN___GT 23639	73.96 2.94 -36.64	62.54 1.51 -42.73	63.14 2.46 -32.89	44.81 1.67 -23.60	36.36 1.63 -15.04	20.71 -0.10 -22.05	36.28 -0.20 -39.02	41.54 0.74 -31.57	49.76 2.02 -23.25	57.16 3.55 -9.95	58.95 3.42 -14.04	76.08 2.33 -46.10	75.85 1.81 -53.01	95.87 4.74 -33.36	97.99 3.38 -52.38	99.32 2.37 -68.97	145.76 0.97 -133.31	162.70 2.12 -134.34	148.62 2.51 -114.36	145.58 -0.16 -147.63	95.69 1.09 -81.04	96.10 1.71 -72.92	79.67 1.84 -54.85	73.58 2.36 -42.86
HISHELDN_WT_PWR 323625	37.62 1.42 -1.82	19.27 0.74 -0.23	29.01 0.88 -0.34	24.60 0.51 -4.55	23.09 0.49 -2.90	2.98 -0.04 -4.26	4.91 -0.08 -7.53	15.47 0.15 -6.09	28.79 0.32 -3.97	45.19 0.46 -1.06	43.00 0.00 -1.51	30.73 -0.24 -3.33	24.27 -0.21 -3.46	5.00 -0.86 51.91	3.23 -0.74 38.27	31.19 -0.10 -3.31	13.76 -0.03 -2.32	31.43 -0.13 -5.32	32.66 -0.57 -1.48	6.16 -0.05 -8.11	20.35 0.30 -6.49	27.01 0.57 -4.97	26.62 0.57 -3.07	29.80 0.58 -0.85
HOLTSVILLE_IC_1 23690	77.69 3.55 -39.76	67.12 1.89 -46.93	90.90 3.28 -59.83	46.93 2.27 -25.12	37.63 2.21 -15.73	21.68 -0.15 -23.06	38.03 -0.23 -40.81	43.12 0.87 -33.02	51.38 2.42 -24.46	58.80 4.49 -10.64	137.77 4.37 -91.91	160.65 2.89 -130.13	165.15 2.14 -141.99	174.18 5.45 -110.96	273.69 3.88 -227.58	443.47 2.56 -412.94	401.47 1.08 -388.93	460.01 2.22 -431.54	506.28 2.75 -471.78	358.07 -0.18 -360.14	411.97 1.34 -397.07	378.99 2.08 -355.43	327.86 2.38 -302.49	95.44 3.07 -64.02

HOLTSVILLE_IC_10 23699	77.94 3.80 -39.76	67.25 2.02 -46.93	91.09 3.47 -59.83	47.05 2.39 -25.12	37.76 2.34 -15.73	21.67 -0.16 -23.06	38.02 -0.25 -40.81	43.18 0.93 -33.02	51.53 2.58 -24.46	59.12 4.82 -10.64	138.11 4.71 -91.91	160.88 3.12 -130.13	165.33 2.32 -141.99	174.68 5.96 -110.96	274.07 4.26 -227.58	443.64 2.72 -412.94	401.58 1.18 -388.93	460.19 2.41 -431.54	506.52 2.99 -471.78	358.05 -0.19 -360.14	412.06 1.43 -397.07	379.14 2.23 -355.43	328.03 2.55 -302.49	95.67 3.30 -64.02
HOLTSVILLE_IC_2 23691	77.69 3.55 -39.76	67.12 1.89 -46.93	90.90 3.28 -59.83	46.93 2.27 -25.12	37.63 2.21 -15.73	21.68 -0.15 -23.06	38.03 -0.23 -40.81	43.12 0.87 -33.02	51.38 2.42 -24.46	58.80 4.49 -10.64	137.77 4.37 -91.91	160.65 2.89 -130.13	165.15 2.14 -141.99	174.18 5.45 -110.96	273.69 3.88 -227.58	443.47 2.56 -412.94	401.47 1.08 -388.93	460.01 2.22 -431.54	506.28 2.75 -471.78	358.07 -0.18 -360.14	411.97 1.34 -397.07	378.99 2.08 -355.43	327.86 2.38 -302.49	95.44 3.07 -64.02
HOLTSVILLE_IC_3 23692	77.69 3.55 -39.76	67.12 1.89 -46.93	90.90 3.28 -59.83	46.93 2.27 -25.12	37.63 2.21 -15.73	21.68 -0.15 -23.06	38.03 -0.23 -40.81	43.12 0.87 -33.02	51.38 2.42 -24.46	58.80 4.49 -10.64	137.77 4.37 -91.91	160.65 2.89 -130.13	165.15 2.14 -141.99	174.18 5.45 -110.96	273.69 3.88 -227.58	443.47 2.56 -412.94	401.47 1.08 -388.93	460.01 2.22 -431.54	506.28 2.75 -471.78	358.07 -0.18 -360.14	411.97 1.34 -397.07	378.99 2.08 -355.43	327.86 2.38 -302.49	95.44 3.07 -64.02
HOLTSVILLE_IC_4 23693	77.69 3.55 -39.76	67.12 1.89 -46.93	90.90 3.28 -59.83	46.93 2.27 -25.12	37.63 2.21 -15.73	21.68 -0.15 -23.06	38.03 -0.23 -40.81	43.12 0.87 -33.02	51.38 2.42 -24.46	58.80 4.49 -10.64	137.77 4.37 -91.91	160.65 2.89 -130.13	165.15 2.14 -141.99	174.18 5.45 -110.96	273.69 3.88 -227.58	443.47 2.56 -412.94	401.47 1.08 -388.93	460.01 2.22 -431.54	506.28 2.75 -471.78	358.07 -0.18 -360.14	411.97 1.34 -397.07	378.99 2.08 -355.43	327.86 2.38 -302.49	95.44 3.07 -64.02
HOLTSVILLE_IC_5 23694	77.69 3.55 -39.76	67.12 1.89 -46.93	90.90 3.28 -59.83	46.93 2.27 -25.12	37.63 2.21 -15.73	21.68 -0.15 -23.06	38.03 -0.23 -40.81	43.12 0.87 -33.02	51.38 2.42 -24.46	58.80 4.49 -10.64	137.77 4.37 -91.91	160.65 2.89 -130.13	165.15 2.14 -141.99	174.18 5.45 -110.96	273.69 3.88 -227.58	443.47 2.56 -412.94	401.47 1.08 -388.93	460.01 2.22 -431.54	506.28 2.75 -471.78	358.07 -0.18 -360.14	411.97 1.34 -397.07	378.99 2.08 -355.43	327.86 2.38 -302.49	95.44 3.07 -64.02
HOLTSVILLE_IC_6 23695	77.94 3.80 -39.76	67.25 2.02 -46.93	91.09 3.47 -59.83	47.05 2.39 -25.12	37.76 2.34 -15.73	21.67 -0.16 -23.06	38.02 -0.25 -40.81	43.18 0.93 -33.02	51.53 2.58 -24.46	59.12 4.82 -10.64	138.11 4.71 -91.91	160.88 3.12 -130.13	165.33 2.32 -141.99	174.68 5.96 -110.96	274.07 4.26 -227.58	443.64 2.72 -412.94	401.58 1.18 -388.93	460.19 2.41 -431.54	506.52 2.99 -471.78	358.05 -0.19 -360.14	412.06 1.43 -397.07	379.14 2.23 -355.43	328.03 2.55 -302.49	95.67 3.30 -64.02
HOLTSVILLE_IC_7 23696	77.94 3.80 -39.76	67.25 2.02 -46.93	91.09 3.47 -59.83	47.05 2.39 -25.12	37.76 2.34 -15.73	21.67 -0.16 -23.06	38.02 -0.25 -40.81	43.18 0.93 -33.02	51.53 2.58 -24.46	59.12 4.82 -10.64	138.11 4.71 -91.91	160.88 3.12 -130.13	165.33 2.32 -141.99	174.68 5.96 -110.96	274.07 4.26 -227.58	443.64 2.72 -412.94	401.58 1.18 -388.93	460.19 2.41 -431.54	506.52 2.99 -471.78	358.05 -0.19 -360.14	412.06 1.43 -397.07	379.14 2.23 -355.43	328.03 2.55 -302.49	95.67 3.30 -64.02
HOLTSVILLE_IC_8 23697	77.94 3.80 -39.76	67.25 2.02 -46.93	91.09 3.47 -59.83	47.05 2.39 -25.12	37.76 2.34 -15.73	21.67 -0.16 -23.06	38.02 -0.25 -40.81	43.18 0.93 -33.02	51.53 2.58 -24.46	59.12 4.82 -10.64	138.11 4.71 -91.91	160.88 3.12 -130.13	165.33 2.32 -141.99	174.68 5.96 -110.96	274.07 4.26 -227.58	443.64 2.72 -412.94	401.58 1.18 -388.93	460.19 2.41 -431.54	506.52 2.99 -471.78	358.05 -0.19 -360.14	412.06 1.43 -397.07	379.14 2.23 -355.43	328.03 2.55 -302.49	95.67 3.30 -64.02
HOLTSVILLE_IC_9 23698	77.94 3.80 -39.76	67.25 2.02 -46.93	91.09 3.47 -59.83	47.05 2.39 -25.12	37.76 2.34 -15.73	21.67 -0.16 -23.06	38.02 -0.25 -40.81	43.18 0.93 -33.02	51.53 2.58 -24.46	59.12 4.82 -10.64	138.11 4.71 -91.91	160.88 3.12 -130.13	165.33 2.32 -141.99	174.68 5.96 -110.96	274.07 4.26 -227.58	443.64 2.72 -412.94	401.58 1.18 -388.93	460.19 2.41 -431.54	506.52 2.99 -471.78	358.05 -0.19 -360.14	412.06 1.43 -397.07	379.14 2.23 -355.43	328.03 2.55 -302.49	95.67 3.30 -64.02
HOWARD_WT_PWR 323690	38.89 2.42 -2.10	19.77 1.21 -0.27	29.71 1.52 -0.39	25.72 0.92 -5.26	23.92 0.87 -3.35	3.62 -0.06 -4.92	6.05 -0.11 -8.70	16.64 0.37 -7.04	29.90 0.82 -4.59	46.41 1.52 -1.22	44.61 1.38 -1.74	32.05 0.56 -3.85	25.30 0.28 -4.00	115.45 0.59 -57.09	87.29 0.25 -44.82	32.49 0.42 -4.10	14.47 0.32 -2.68	33.22 0.83 -6.14	33.89 0.44 -1.71	7.38 -0.09 -9.37	21.71 0.65 -7.51	28.34 1.12 -5.75	27.67 1.13 -3.55	30.67 1.32 -0.99
HQ_GEN_CEDARS 23644	17.43 -1.72 15.23	3.85 -0.78 13.66	26.62 -1.17 0.00	18.84 -0.70 0.00	19.01 -0.68 0.00	-1.20 0.04 0.00	-2.46 0.08 0.00	8.87 -0.37 0.00	23.46 -1.04 0.00	41.88 -1.79 0.00	40.17 -1.33 0.00	26.62 -1.02 0.00	20.17 -0.85 0.00	55.89 -1.88 0.00	41.03 -1.21 0.00	27.02 -0.95 0.00	11.09 -0.37 0.00	25.42 -0.82 0.00	30.98 -0.77 0.00	-1.84 0.06 0.00	13.09 -0.47 0.00	20.74 -0.73 0.00	22.37 -0.62 0.00	27.63 -0.72 0.00
HQ_GEN_CEDARS_PROXY 323590	17.43 -1.72 15.23	3.85 -0.78 13.66	26.62 -1.17 0.00	18.84 -0.70 0.00	19.01 -0.68 0.00	-1.20 0.04 0.00	-2.46 0.08 0.00	8.87 -0.37 0.00	23.46 -1.04 0.00	41.88 -1.79 0.00	40.17 -1.33 0.00	26.62 -1.02 0.00	20.17 -0.85 0.00	55.89 -1.88 0.00	41.03 -1.21 0.00	27.02 -0.95 0.00	11.09 -0.37 0.00	25.42 -0.82 0.00	30.98 -0.77 0.00	-1.84 0.06 0.00	13.09 -0.47 0.00	20.74 -0.73 0.00	22.37 -0.62 0.00	27.63 -0.72 0.00
HQ_GEN_IMPORT 323601	29.34 -0.95 4.09	14.13 -0.50 3.67	27.06 -0.74 0.00	19.05 -0.49 0.00	19.24 -0.46 0.00	-1.21 0.03 0.00	-2.48 0.06 0.00	9.02 -0.22 0.00	23.90 -0.59 0.00	42.64 -1.03 0.00	40.58 -0.92 0.00	27.02 -0.62 0.00	20.53 -0.50 0.00	56.48 -1.28 0.00	40.58 -0.84 0.81	27.32 -0.66 0.00	11.23 -0.26 -0.02	25.65 -0.60 0.00	31.18 -0.57 0.00	-1.86 0.05 0.00	12.06 -0.31 1.18	20.97 -0.50 0.00	22.52 -0.47 0.00	27.80 -0.55 0.00
HQ_GEN_WHEEL 23651	29.34 -0.95 4.09	14.13 -0.50 3.67	27.06 -0.74 0.00	19.05 -0.49 0.00	19.24 -0.46 0.00	-1.21 0.03 0.00	-2.48 0.06 0.00	9.02 -0.22 0.00	23.90 -0.59 0.00	42.64 -1.03 0.00	40.58 -0.92 0.00	27.02 -0.62 0.00	20.53 -0.50 0.00	56.48 -1.28 0.00	40.58 -0.84 0.81	27.32 -0.66 0.00	11.23 -0.26 -0.02	25.65 -0.60 0.00	31.18 -0.57 0.00	-1.86 0.05 0.00	12.06 -0.31 1.18	20.97 -0.50 0.00	22.52 -0.47 0.00	27.80 -0.55 0.00
HUDSON_AVE_GT_3 23810	77.52 3.40 -39.74	66.95 1.75 -46.91	66.66 2.89 -35.98	46.19 1.98 -24.67	37.33 1.91 -15.72	21.70 -0.12 -23.06	38.02 -0.23 -40.80	43.13 0.89 -33.00	51.42 2.47 -24.45	58.76 4.46 -10.63	60.71 4.22 -14.99	80.15 2.83 -49.68	80.41 2.16 -57.22	99.94 5.59 -36.58	103.19 3.85 -57.12	105.33 2.63 -74.73	158.09 1.04 -145.58	174.43 2.27 -145.91	159.49 2.71 -125.02	157.69 -0.17 -159.75	101.93 1.22 -87.16	102.13 2.01 -78.65	84.50 2.18 -59.34	77.92 2.80 -46.77

HUDSON AVE_GT_4 23540	77.52 3.40 -39.74	66.95 1.75 -46.91	66.66 2.89 -35.98	46.19 1.98 -24.67	37.33 1.91 -15.72	21.70 -0.12 -23.06	38.02 -0.23 -40.80	43.13 0.89 -33.00	51.42 2.47 -24.45	58.76 4.46 -10.63	60.71 4.22 -14.99	80.15 2.83 -49.68	80.41 2.16 -57.22	99.94 5.59 -36.58	103.19 3.85 -57.12	105.33 2.63 -74.73	158.09 1.04 -145.58	174.43 2.27 -145.91	159.49 2.71 -125.02	157.69 -0.17 -159.75	101.93 1.22 -87.16	102.13 2.01 -78.65	84.50 2.18 -59.34	77.92 2.80 -46.77
HUDSON AVE_GT_5 23657	77.52 3.40 -39.74	66.95 1.75 -46.91	66.66 2.89 -35.98	46.19 1.98 -24.67	37.33 1.91 -15.72	21.70 -0.12 -23.06	38.02 -0.23 -40.80	43.13 0.89 -33.00	51.42 2.47 -24.45	58.76 4.46 -10.63	60.71 4.22 -14.99	80.15 2.83 -49.68	80.41 2.16 -57.22	99.94 5.59 -36.58	103.19 3.85 -57.12	105.33 2.63 -74.73	158.09 1.04 -145.58	174.43 2.27 -145.91	159.49 2.71 -125.02	157.69 -0.17 -159.75	101.93 1.22 -87.16	102.13 2.01 -78.65	84.50 2.18 -59.34	77.92 2.80 -46.77
HUDSON_AVE_10 24168	77.34 3.21 -39.74	66.86 1.65 -46.91	66.52 2.75 -35.98	46.09 1.88 -24.67	37.23 1.81 -15.72	21.70 -0.12 -23.06	38.03 -0.22 -40.80	43.09 0.84 -33.00	51.27 2.33 -24.45	58.51 4.21 -10.63	60.43 3.94 -14.99	79.96 2.64 -49.68	80.27 2.02 -57.22	99.56 5.21 -36.58	102.90 3.55 -57.12	105.13 2.42 -74.73	158.01 0.95 -145.58	174.21 2.06 -145.91	159.25 2.47 -125.02	157.70 -0.15 -159.75	101.83 1.12 -87.16	101.98 1.86 -78.65	84.35 2.03 -59.34	77.76 2.63 -46.77
HUNTER MOUNT___DRP 323613	56.83 -0.04 -22.49	36.25 0.17 -17.79	43.15 0.73 -14.62	49.53 0.51 -29.48	39.04 0.56 -18.79	26.28 -0.04 -27.55	46.14 -0.06 -48.75	48.92 0.25 -39.44	51.76 0.50 -26.77	53.42 1.11 -8.63	54.65 0.95 -12.21	60.53 0.72 -32.17	57.70 0.62 -36.06	72.91 1.70 -13.45	69.91 1.34 -26.34	71.58 0.97 -42.64	75.33 0.43 -63.43	104.41 1.12 -77.04	84.88 0.98 -52.15	92.70 -0.04 -94.64	74.78 0.26 -60.96	72.75 0.26 -51.01	59.01 0.60 -35.43	50.33 1.10 -20.88
HUNTINGTON_RES_REC 323705	77.90 3.76 -39.76	67.24 2.01 -46.93	91.10 3.48 -59.83	47.06 2.40 -25.12	37.75 2.33 -15.73	21.67 -0.16 -23.06	38.02 -0.25 -40.81	43.18 0.92 -33.02	51.53 2.57 -24.46	59.10 4.80 -10.64	138.17 4.77 -91.91	160.98 3.21 -130.13	165.43 2.42 -141.99	175.01 6.28 -110.96	274.34 4.53 -227.58	443.95 3.04 -412.94	401.67 1.28 -388.93	460.49 2.71 -431.54	506.82 3.29 -471.78	358.04 -0.20 -360.14	412.13 1.49 -397.07	379.23 2.33 -355.43	328.10 2.63 -302.49	95.68 3.31 -64.02
HUNTLEY___63 23557	37.19 1.21 -1.60	19.17 0.67 -0.21	28.79 0.69 -0.30	24.00 0.44 -4.02	22.78 0.52 -2.56	2.49 -0.03 -3.76	4.01 -0.10 -6.65	14.82 0.21 -5.38	28.37 0.37 -3.50	44.93 0.33 -0.93	42.56 -0.26 -1.33	30.26 -0.31 -2.94	23.92 -0.16 -3.06	39.86 -0.93 16.97	29.46 -0.93 11.84	30.67 -0.29 -2.99	13.40 -0.11 -2.05	30.49 -0.45 -4.69	32.08 -0.97 -1.30	5.21 -0.05 -7.16	19.47 0.18 -5.73	26.24 0.37 -4.39	26.08 0.39 -2.71	29.43 0.32 -0.76
HUNTLEY___64 23558	37.19 1.21 -1.60	19.17 0.67 -0.21	28.79 0.69 -0.30	24.00 0.44 -4.02	22.78 0.52 -2.56	2.49 -0.03 -3.76	4.01 -0.10 -6.65	14.82 0.21 -5.38	28.37 0.37 -3.50	44.93 0.33 -0.93	42.56 -0.26 -1.33	30.26 -0.31 -2.94	23.92 -0.16 -3.06	39.86 -0.93 16.97	29.46 -0.93 11.84	30.67 -0.29 -2.99	13.40 -0.11 -2.05	30.49 -0.45 -4.69	32.08 -0.97 -1.30	5.21 -0.05 -7.16	19.47 0.18 -5.73	26.24 0.37 -4.39	26.08 0.39 -2.71	29.43 0.32 -0.76
HUNTLEY___65 23559	37.19 1.21 -1.60	19.17 0.67 -0.21	28.79 0.69 -0.30	24.00 0.44 -4.02	22.78 0.52 -2.56	2.49 -0.03 -3.76	4.01 -0.10 -6.65	14.82 0.21 -5.38	28.37 0.37 -3.50	44.93 0.33 -0.93	42.56 -0.26 -1.33	30.26 -0.31 -2.94	23.92 -0.16 -3.06	39.86 -0.93 16.97	29.46 -0.93 11.84	30.67 -0.29 -2.99	13.40 -0.11 -2.05	30.49 -0.45 -4.69	32.08 -0.97 -1.30	5.21 -0.05 -7.16	19.47 0.18 -5.73	26.24 0.37 -4.39	26.08 0.39 -2.71	29.43 0.32 -0.76
HUNTLEY___66 23560	37.19 1.21 -1.60	19.17 0.67 -0.21	28.79 0.69 -0.30	24.00 0.44 -4.02	22.78 0.52 -2.56	2.49 -0.03 -3.76	4.01 -0.10 -6.65	14.82 0.21 -5.38	28.37 0.37 -3.50	44.93 0.33 -0.93	42.56 -0.26 -1.33	30.26 -0.31 -2.94	23.92 -0.16 -3.06	39.86 -0.93 16.97	29.46 -0.93 11.84	30.67 -0.29 -2.99	13.40 -0.11 -2.05	30.49 -0.45 -4.69	32.08 -0.97 -1.30	5.21 -0.05 -7.16	19.47 0.18 -5.73	26.24 0.37 -4.39	26.08 0.39 -2.71	29.43 0.32 -0.76
HUNTLEY___67 23561	37.01 0.99 -1.64	19.06 0.56 -0.21	28.65 0.55 -0.31	23.98 0.33 -4.11	22.74 0.42 -2.62	2.58 -0.03 -3.84	4.17 -0.08 -6.80	14.89 0.15 -5.50	28.34 0.27 -3.58	44.76 0.14 -0.96	42.47 -0.39 -1.36	30.22 -0.43 -3.01	23.88 -0.27 -3.13	37.25 -1.15 19.36	27.50 -1.10 13.63	30.63 -0.40 -3.05	13.40 -0.16 -2.09	30.50 -0.55 -4.80	32.02 -1.06 -1.33	5.38 -0.03 -7.32	19.54 0.12 -5.87	26.25 0.29 -4.49	26.04 0.29 -2.77	29.35 0.22 -0.77
HUNTLEY___68 23562	37.01 0.99 -1.64	19.06 0.56 -0.21	28.65 0.55 -0.31	23.98 0.33 -4.11	22.74 0.42 -2.62	2.58 -0.03 -3.84	4.17 -0.08 -6.80	14.89 0.15 -5.50	28.34 0.27 -3.58	44.76 0.14 -0.96	42.47 -0.39 -1.36	30.22 -0.43 -3.01	23.88 -0.27 -3.13	37.25 -1.15 19.36	27.50 -1.10 13.63	30.63 -0.40 -3.05	13.40 -0.16 -2.09	30.50 -0.55 -4.80	32.02 -1.06 -1.33	5.38 -0.03 -7.32	19.54 0.12 -5.87	26.25 0.29 -4.49	26.04 0.29 -2.77	29.35 0.22 -0.77
HYLAND___LFGE 323620	39.29 3.14 -1.77	20.15 1.63 -0.23	30.32 2.20 -0.33	25.43 1.43 -4.45	24.00 1.46 -2.84	2.83 -0.09 -4.16	4.62 -0.20 -7.36	15.74 0.55 -5.96	29.41 1.03 -3.88	46.46 1.75 -1.04	44.36 1.39 -1.48	31.66 0.76 -3.26	25.02 0.61 -3.39	124.24 2.58 -63.89	93.62 1.61 -49.78	32.95 1.47 -3.51	14.33 0.59 -2.27	32.98 1.53 -5.20	34.65 1.46 -1.44	5.88 -0.15 -7.93	20.96 1.05 -6.35	28.12 1.78 -4.86	27.76 1.77 -3.00	31.18 1.98 -0.84
INDECK___CORINTH 23802	55.20 2.24 -18.58	25.92 1.06 -6.56	35.37 1.54 -6.04	58.89 1.09 -38.26	45.22 1.15 -24.38	34.44 -0.07 -35.75	60.57 -0.15 -63.26	60.98 0.57 -51.18	59.56 1.43 -33.63	55.37 2.35 -9.35	56.85 2.17 -13.18	57.22 1.47 -28.11	53.70 1.11 -31.56	64.59 3.16 -3.66	59.48 2.17 -15.08	63.71 1.67 -34.06	44.18 0.79 -31.92	83.65 1.79 -55.61	57.20 2.11 -23.35	76.92 -0.12 -78.94	73.89 0.90 -59.43	69.34 1.25 -46.61	54.11 1.32 -29.80	41.02 1.54 -11.13
INDECK___ILION 23567	35.28 0.14 -0.75	19.09 0.12 -0.68	28.02 0.23 0.00	19.66 0.12 0.00	19.81 0.11 0.00	-1.24 -0.01 0.00	-2.56 -0.01 0.00	9.30 0.07 0.00	24.63 0.14 0.00	43.88 0.21 0.00	41.71 0.22 0.00	27.83 0.19 0.00	21.18 0.16 0.00	58.23 0.46 0.00	42.53 0.30 0.00	28.26 0.28 0.00	11.54 0.07 0.00	26.47 0.23 0.00	31.97 0.23 0.00	-1.91 -0.01 0.00	13.63 0.07 0.00	21.55 0.08 0.00	23.03 0.05 0.00	28.40 0.04 0.00
INDECK___OLEAN 23982	38.08 1.92 -1.78	19.57 1.05 -0.23	29.47 1.34 -0.33	24.82 0.81 -4.46	23.39 0.85 -2.85	2.88 -0.06 -4.17	4.71 -0.13 -7.38	15.60 0.39 -5.97	29.42 1.04 -3.89	46.36 1.65 -1.04	44.32 1.35 -1.48	31.54 0.63 -3.26	24.77 0.35 -3.39	54.89 0.67 3.54	40.93 0.20 1.51	31.77 0.44 -3.35	13.86 0.11 -2.27	31.66 0.21 -5.21	33.10 -0.10 -1.45	5.98 -0.07 -7.95	20.34 0.41 -6.37	27.18 0.84 -4.87	26.86 0.87 -3.01	30.14 0.94 -0.84

INDECK___OSWEGO 23783	35.02 -0.17 -0.82	18.31 -0.08 -0.10	27.77 -0.18 -0.15	21.45 -0.14 -2.05	20.85 -0.15 -1.31	0.69 0.01 -1.92	0.86 0.02 -3.39	11.91 -0.07 -2.74	26.10 -0.18 -1.79	43.83 -0.32 -0.48	41.82 -0.36 -0.68	28.88 -0.26 -1.50	22.38 -0.20 -1.56	57.22 -0.56 -0.01	42.40 -0.38 -0.56	29.31 -0.21 -1.55	12.42 -0.09 -1.04	28.42 -0.22 -2.39	32.03 -0.38 -0.66	1.76 0.01 -3.65	16.37 -0.11 -2.92	23.57 -0.14 -2.24	24.15 -0.22 -1.38	28.44 -0.29 -0.39
INDECK___YERKES 23781	37.22 1.24 -1.60	19.19 0.69 -0.21	28.81 0.71 -0.30	24.02 0.46 -4.02	22.80 0.54 -2.56	2.49 -0.03 -3.76	4.01 -0.10 -6.65	14.83 0.22 -5.38	28.39 0.39 -3.50	44.98 0.38 -0.93	42.60 -0.22 -1.33	30.29 -0.29 -2.94	23.94 -0.14 -3.06	39.92 -0.88 16.97	29.50 -0.89 11.84	30.70 -0.27 -2.99	13.41 -0.10 -2.05	30.51 -0.42 -4.69	32.12 -0.93 -1.30	5.21 -0.05 -7.16	19.48 0.19 -5.73	26.26 0.39 -4.39	26.11 0.41 -2.71	29.45 0.35 -0.76
INDIAN POINT_GT_1 24139	76.42 2.99 -39.04	65.87 1.54 -46.03	65.54 2.53 -35.22	45.66 1.72 -24.40	36.92 1.67 -15.55	21.46 -0.11 -22.80	37.60 -0.21 -40.35	42.65 0.77 -32.64	50.74 2.10 -24.15	57.87 3.74 -10.46	59.82 3.57 -14.75	78.86 2.42 -48.80	79.07 1.86 -56.18	98.41 4.86 -35.79	101.59 3.41 -55.95	103.67 2.38 -73.31	155.00 0.97 -142.56	171.44 2.13 -143.06	156.70 2.55 -122.40	154.70 -0.16 -156.76	100.31 1.11 -85.64	100.46 1.76 -77.23	83.10 1.89 -58.23	76.59 2.43 -45.81
INDIAN POINT_GT_2 23659	76.42 2.99 -39.04	65.87 1.54 -46.03	65.54 2.53 -35.22	45.66 1.72 -24.40	36.92 1.67 -15.55	21.46 -0.11 -22.80	37.60 -0.21 -40.35	42.65 0.77 -32.64	50.74 2.10 -24.15	57.87 3.74 -10.46	59.82 3.57 -14.75	78.86 2.42 -48.80	79.07 1.86 -56.18	98.41 4.86 -35.79	101.59 3.41 -55.95	103.67 2.38 -73.31	155.00 0.97 -142.56	171.44 2.13 -143.06	156.70 2.55 -122.40	154.70 -0.16 -156.76	100.31 1.11 -85.64	100.46 1.76 -77.23	83.10 1.89 -58.23	76.59 2.43 -45.81
INDIAN POINT_GT_3 24019	76.42 2.99 -39.04	65.87 1.54 -46.03	65.54 2.53 -35.22	45.66 1.72 -24.40	36.92 1.67 -15.55	21.46 -0.11 -22.80	37.60 -0.21 -40.35	42.65 0.77 -32.64	50.74 2.10 -24.15	57.87 3.74 -10.46	59.82 3.57 -14.75	78.86 2.42 -48.80	79.07 1.86 -56.18	98.41 4.86 -35.79	101.59 3.41 -55.95	103.67 2.38 -73.31	155.00 0.97 -142.56	171.44 2.13 -143.06	156.70 2.55 -122.40	154.70 -0.16 -156.76	100.31 1.11 -85.64	100.46 1.76 -77.23	83.10 1.89 -58.23	76.59 2.43 -45.81
INDIAN POINT___2 23530	75.54 2.97 -38.19	64.65 1.52 -44.83	64.72 2.50 -34.43	45.38 1.70 -24.13	36.73 1.65 -15.38	21.21 -0.10 -22.56	37.17 -0.20 -39.91	42.28 0.76 -32.29	50.42 2.07 -23.85	57.62 3.67 -10.29	59.51 3.50 -14.51	77.91 2.38 -47.88	77.96 1.83 -55.11	97.49 4.76 -34.96	100.32 3.35 -54.74	102.16 2.34 -71.84	151.84 0.96 -139.41	168.45 2.11 -140.10	153.92 2.51 -119.66	151.61 -0.15 -153.66	98.74 1.09 -84.08	98.97 1.73 -75.77	81.93 1.86 -57.09	75.55 2.39 -44.80
INDIAN POINT___3 23531	76.40 2.95 -39.07	65.90 1.52 -46.09	65.53 2.50 -35.23	45.64 1.70 -24.40	36.90 1.65 -15.55	21.46 -0.10 -22.80	37.60 -0.20 -40.35	42.64 0.76 -32.64	50.72 2.07 -24.15	57.81 3.68 -10.46	59.76 3.50 -14.76	78.82 2.38 -48.81	79.04 1.83 -56.20	98.32 4.75 -35.80	101.54 3.34 -55.97	103.64 2.33 -73.33	155.03 0.96 -142.60	171.43 2.09 -143.10	156.68 2.50 -122.44	154.74 -0.15 -156.80	100.30 1.08 -85.66	100.45 1.73 -77.25	83.09 1.86 -58.24	76.57 2.39 -45.82
IP CORINTH___1 23988	55.41 2.45 -18.58	26.03 1.17 -6.56	35.54 1.71 -6.04	59.01 1.21 -38.26	45.34 1.26 -24.38	34.44 -0.08 -35.75	60.55 -0.16 -63.26	61.03 0.62 -51.18	59.70 1.58 -33.63	55.63 2.61 -9.35	57.10 2.42 -13.18	57.38 1.63 -28.11	53.82 1.24 -31.56	64.93 3.50 -3.66	59.72 2.42 -15.08	63.87 1.83 -34.06	44.25 0.86 -31.92	83.80 1.94 -55.61	57.38 2.28 -23.35	76.91 -0.13 -78.94	73.97 0.98 -59.43	69.47 1.38 -46.61	54.25 1.46 -29.80	41.20 1.72 -11.13
IP___TICONDEROGA 23804	57.49 4.49 -18.63	27.14 2.17 -6.68	37.02 3.10 -6.12	59.88 2.16 -38.17	46.33 2.30 -24.33	34.29 -0.15 -35.67	60.26 -0.33 -63.13	61.42 1.12 -51.07	61.09 3.03 -33.57	58.32 5.30 -9.34	59.58 4.91 -13.17	59.03 3.28 -28.11	55.17 2.55 -31.59	69.00 7.47 -3.76	62.78 5.36 -15.20	65.79 3.66 -34.15	45.49 1.77 -32.24	86.04 3.96 -55.84	60.32 4.93 -23.64	76.92 -0.28 -79.10	75.01 1.99 -59.46	71.00 2.86 -46.66	55.62 2.78 -29.86	42.81 3.23 -11.23
ISLIP_RES_REC 323679	78.12 3.98 -39.76	67.32 2.10 -46.93	91.20 3.58 -59.83	47.13 2.47 -25.12	37.83 2.41 -15.73	21.67 -0.16 -23.06	38.01 -0.26 -40.81	43.21 0.96 -33.02	51.62 2.67 -24.46	59.32 5.01 -10.64	138.32 4.92 -91.91	161.03 3.27 -130.13	165.45 2.43 -141.99	174.99 6.27 -110.96	274.29 4.48 -227.58	443.81 2.90 -412.94	401.65 1.25 -388.93	460.36 2.58 -431.54	506.72 3.19 -471.78	358.04 -0.21 -360.14	412.15 1.52 -397.07	379.27 2.37 -355.43	328.16 2.69 -302.49	95.83 3.45 -64.02
JARVIS____ 23743	35.25 0.12 -0.75	19.05 0.08 -0.68	27.91 0.12 0.00	19.62 0.08 0.00	19.78 0.08 0.00	-1.24 0.00 0.00	-2.55 -0.01 0.00	9.27 0.04 0.00	24.59 0.10 0.00	43.81 0.14 0.00	41.62 0.12 0.00	27.72 0.08 0.00	21.10 0.08 0.00	57.95 0.18 0.00	42.38 0.14 0.00	28.09 0.11 0.00	11.52 0.05 0.00	26.36 0.12 0.00	31.85 0.10 0.00	-1.91 -0.01 0.00	13.60 0.05 0.00	21.56 0.09 0.00	23.05 0.07 0.00	28.44 0.08 0.00
JENNISON___1 23625	40.16 2.42 -3.36	20.00 1.28 -0.43	30.29 1.87 -0.63	29.21 1.24 -8.43	26.27 1.21 -5.37	6.56 -0.08 -7.87	11.23 -0.16 -13.93	21.09 0.58 -11.27	33.41 1.57 -7.35	48.39 2.76 -1.96	47.07 2.78 -2.79	35.58 1.79 -6.16	28.72 1.29 -6.41	61.49 3.67 -0.06	47.16 2.65 -2.28	36.20 1.88 -6.35	16.55 0.79 -4.29	37.84 1.76 -9.84	36.48 2.00 -2.73	12.97 -0.13 -15.00	26.42 0.84 -12.02	32.08 1.41 -9.20	30.01 1.35 -5.69	31.51 1.57 -1.58
JENNISON___2 23626	40.16 2.42 -3.36	20.00 1.28 -0.43	30.29 1.87 -0.63	29.21 1.24 -8.43	26.27 1.21 -5.37	6.56 -0.08 -7.87	11.23 -0.16 -13.93	21.09 0.58 -11.27	33.41 1.57 -7.35	48.39 2.76 -1.96	47.07 2.78 -2.79	35.58 1.79 -6.16	28.72 1.29 -6.41	61.49 3.67 -0.06	47.16 2.65 -2.28	36.20 1.88 -6.35	16.55 0.79 -4.29	37.84 1.76 -9.84	36.48 2.00 -2.73	12.97 -0.13 -15.00	26.42 0.84 -12.02	32.08 1.41 -9.20	30.01 1.35 -5.69	31.51 1.57 -1.58
JERICHO_RISE_WT_PWR 323719	17.38 -1.14 15.86	3.33 -0.74 14.23	26.75 -1.04 0.00	18.96 -0.58 0.00	19.15 -0.55 0.00	-1.21 0.03 0.00	-2.49 0.05 0.00	8.99 -0.24 0.00	23.88 -0.62 0.00	42.53 -1.13 0.00	40.59 -0.90 0.00	27.03 -0.61 0.00	20.34 -0.68 0.00	55.93 -1.84 0.00	41.06 -1.17 0.00	26.69 -1.28 0.00	11.00 -0.47 0.00	25.43 -0.82 0.00	31.29 -0.46 0.00	-1.81 0.09 0.00	12.87 -0.68 0.00	20.46 -1.02 0.00	22.24 -0.75 0.00	27.74 -0.61 0.00
KCE_NY_1 323755	55.69 2.63 -18.69	26.43 1.29 -6.84	36.02 1.98 -6.25	58.97 1.37 -38.05	45.35 1.41 -24.25	34.24 -0.09 -35.56	60.21 -0.18 -62.93	60.83 0.68 -50.91	59.69 1.72 -33.47	56.03 3.03 -9.34	57.45 2.80 -13.15	57.67 1.93 -28.10	54.19 1.53 -31.64	65.91 4.24 -3.90	60.53 2.94 -15.36	64.43 2.18 -34.28	45.12 0.95 -32.70	84.57 2.17 -56.15	58.35 2.55 -24.05	77.30 -0.15 -79.35	74.11 1.06 -59.49	69.75 1.54 -46.74	54.53 1.60 -29.95	41.64 1.91 -11.37

KEDC PORT_JEFF_GT2 24210	77.77 3.63 -39.76	67.17 1.95 -46.93	91.01 3.39 -59.83	47.00 2.34 -25.12	37.71 2.29 -15.73	21.67 -0.15 -23.06	38.03 -0.24 -40.81	43.15 0.89 -33.02	51.44 2.49 -24.46	58.99 4.69 -10.64	138.00 4.60 -91.91	160.74 2.98 -130.13	165.16 2.14 -141.99	174.19 5.47 -110.96	273.72 3.91 -227.58	443.49 2.57 -412.94	401.48 1.09 -388.93	460.02 2.24 -431.54	506.30 2.77 -471.78	358.07 -0.18 -360.14	411.95 1.32 -397.07	378.97 2.06 -355.43	327.95 2.48 -302.49	95.56 3.18 -64.02
KEDC PORT_JEFF_GT3 24211	77.77 3.63 -39.76	67.17 1.95 -46.93	91.01 3.39 -59.83	47.00 2.34 -25.12	37.71 2.29 -15.73	21.67 -0.15 -23.06	38.03 -0.24 -40.81	43.15 0.89 -33.02	51.44 2.49 -24.46	58.99 4.69 -10.64	138.00 4.60 -91.91	160.74 2.98 -130.13	165.16 2.14 -141.99	174.19 5.47 -110.96	273.72 3.91 -227.58	443.49 2.57 -412.94	401.48 1.09 -388.93	460.02 2.24 -431.54	506.30 2.77 -471.78	358.07 -0.18 -360.14	411.95 1.32 -397.07	378.97 2.06 -355.43	327.95 2.48 -302.49	95.56 3.18 -64.02
KEDC_GLWD_GT4 24219	77.75 3.61 -39.76	67.11 1.88 -46.93	90.76 3.14 -59.83	46.80 2.14 -25.12	37.50 2.08 -15.73	21.69 -0.13 -23.06	38.03 -0.24 -40.81	43.17 0.91 -33.02	51.47 2.51 -24.46	58.87 4.57 -10.64	137.91 4.50 -91.91	160.81 3.05 -130.13	165.33 2.32 -141.99	174.76 6.03 -110.96	274.09 4.28 -227.58	443.85 2.94 -412.94	401.60 1.20 -388.93	460.42 2.63 -431.54	506.68 3.15 -471.78	358.05 -0.19 -360.14	412.02 1.39 -397.07	379.13 2.22 -355.43	327.87 2.40 -302.49	95.41 3.04 -64.02
KEDC_GLWD_GT5 24220	77.75 3.61 -39.76	67.11 1.88 -46.93	90.76 3.14 -59.83	46.80 2.14 -25.12	37.50 2.08 -15.73	21.69 -0.13 -23.06	38.03 -0.24 -40.81	43.17 0.91 -33.02	51.47 2.51 -24.46	58.87 4.57 -10.64	137.91 4.50 -91.91	160.81 3.05 -130.13	165.33 2.32 -141.99	174.76 6.03 -110.96	274.09 4.28 -227.58	443.85 2.94 -412.94	401.60 1.20 -388.93	460.42 2.63 -431.54	506.68 3.15 -471.78	358.05 -0.19 -360.14	412.02 1.39 -397.07	379.13 2.22 -355.43	327.87 2.40 -302.49	95.41 3.04 -64.02
KENSICO____ 23655	77.05 3.09 -39.58	66.63 1.59 -46.75	66.18 2.61 -35.78	45.92 1.78 -24.59	37.10 1.73 -15.67	21.64 -0.11 -22.98	37.92 -0.21 -40.67	42.94 0.80 -32.90	51.05 2.19 -24.37	58.17 3.92 -10.59	60.15 3.72 -14.93	79.61 2.52 -49.44	79.90 1.93 -56.94	99.17 5.03 -36.37	102.56 3.52 -56.81	104.76 2.44 -74.35	157.24 0.99 -144.78	173.57 2.18 -145.15	158.66 2.59 -124.33	156.90 -0.16 -158.95	101.44 1.14 -86.75	101.56 1.82 -78.27	83.99 1.96 -59.04	77.38 2.51 -46.52
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	69.63 3.86 -31.39	54.93 1.97 -34.66	57.95 3.02 -27.14	45.06 2.06 -23.47	36.65 2.00 -14.96	20.57 -0.13 -21.93	36.02 -0.25 -38.81	41.58 0.94 -31.40	49.70 2.55 -22.65	57.47 4.71 -9.10	58.83 4.50 -12.84	71.22 3.03 -40.55	69.65 2.23 -46.39	90.90 5.90 -27.24	90.34 4.25 -43.87	90.49 3.08 -59.43	123.58 1.24 -110.87	143.53 2.79 -114.49	129.99 3.60 -94.64	125.81 -0.21 -127.92	87.17 1.49 -72.12	87.91 2.35 -64.08	72.97 2.40 -47.58	67.02 2.92 -35.75
KIAC_JFK_GT1 23816	77.52 3.40 -39.74	66.96 1.76 -46.91	66.66 2.88 -35.98	46.19 1.98 -24.67	37.33 1.91 -15.72	21.70 -0.12 -23.06	38.02 -0.23 -40.80	43.12 0.87 -33.00	51.37 2.43 -24.45	58.66 4.36 -10.63	60.44 3.95 -14.99	79.93 2.61 -49.68	80.26 2.02 -57.22	99.56 5.21 -36.58	102.89 3.54 -57.12	105.11 2.41 -74.73	158.00 0.94 -145.58	174.10 1.94 -145.91	159.08 2.31 -125.02	157.71 -0.14 -159.75	101.76 1.05 -87.16	101.89 1.77 -78.65	84.29 1.97 -59.34	77.70 2.57 -46.77
KIAC_JFK_GT2 23817	77.52 3.40 -39.74	66.96 1.76 -46.91	66.66 2.88 -35.98	46.19 1.98 -24.67	37.33 1.91 -15.72	21.70 -0.12 -23.06	38.02 -0.23 -40.80	43.12 0.87 -33.00	51.37 2.43 -24.45	58.66 4.36 -10.63	60.44 3.95 -14.99	79.93 2.61 -49.68	80.26 2.02 -57.22	99.56 5.21 -36.58	102.89 3.54 -57.12	105.11 2.41 -74.73	158.00 0.94 -145.58	174.10 1.94 -145.91	159.08 2.31 -125.02	157.71 -0.14 -159.75	101.76 1.05 -87.16	101.89 1.77 -78.65	84.29 1.97 -59.34	77.70 2.57 -46.77
KINTIGH____ 23543	36.53 0.66 -1.49	18.87 0.38 -0.19	28.41 0.34 -0.28	23.47 0.19 -3.74	22.35 0.27 -2.39	2.24 -0.02 -3.50	3.58 -0.06 -6.19	14.34 0.10 -5.01	27.90 0.14 -3.27	44.52 -0.02 -0.87	42.32 -0.41 -1.24	29.96 -0.41 -2.74	23.59 -0.27 -2.85	47.31 -1.10 9.36	35.05 -1.06 6.12	30.33 -0.45 -2.80	13.18 -0.20 -1.91	30.04 -0.58 -4.37	31.92 -1.04 -1.21	4.75 -0.02 -6.66	18.92 0.02 -5.34	25.70 0.14 -4.09	25.63 0.12 -2.53	29.08 0.02 -0.70
LACHUTE____HYDRO 323717	57.49 4.49 -18.63	27.14 2.17 -6.68	37.02 3.10 -6.12	59.88 2.16 -38.17	46.33 2.30 -24.33	34.29 -0.15 -35.67	60.26 -0.33 -63.13	61.42 1.12 -51.07	61.09 3.03 -33.57	58.32 5.30 -9.34	59.58 4.91 -13.17	59.03 3.28 -28.11	55.17 2.55 -31.59	69.00 7.47 -3.76	62.78 5.36 -15.20	65.79 3.66 -34.15	45.49 1.77 -32.24	86.04 3.96 -55.84	60.32 4.93 -23.64	76.92 -0.28 -79.10	75.01 1.99 -59.46	71.00 2.86 -46.66	55.62 2.78 -29.86	42.81 3.23 -11.23
LEDERLE____ 23769	74.78 3.14 -37.26	63.49 1.61 -43.58	63.91 2.63 -33.50	45.13 1.78 -23.81	36.60 1.73 -15.17	20.91 -0.11 -22.25	36.62 -0.21 -39.38	41.88 0.80 -31.85	50.15 2.16 -23.49	57.59 3.84 -10.08	59.41 3.69 -14.22	76.97 2.52 -46.80	76.81 1.95 -53.84	96.88 5.12 -33.99	99.19 3.65 -53.31	100.64 2.56 -70.10	148.24 1.06 -135.71	165.18 2.33 -136.60	150.96 2.77 -116.45	147.94 -0.17 -150.01	96.99 1.19 -82.24	97.38 1.87 -74.04	80.71 2.00 -55.73	74.53 2.55 -43.63
LINDEN COGEN____ 23786	74.93 3.14 -37.41	66.82 1.61 -46.91	66.46 2.69 -35.98	46.07 1.86 -24.67	37.22 1.81 -15.72	21.70 -0.12 -23.06	38.03 -0.22 -40.80	43.09 0.84 -33.00	51.27 2.33 -24.45	58.50 4.20 -10.63	60.42 3.94 -14.99	77.42 2.63 -47.15	78.12 2.01 -55.09	85.50 5.13 -22.60	88.11 3.47 -42.41	88.11 2.36 -57.77	89.12 0.92 -76.74	110.87 1.99 -82.64	103.40 2.39 -69.27	88.11 -0.15 -90.16	88.11 1.10 -73.46	88.11 1.82 -64.82	81.88 1.98 -56.92	77.31 2.56 -46.40
LIPA_MISC_IPP 23656	77.86 3.72 -39.76	67.20 1.97 -46.93	91.01 3.39 -59.83	47.00 2.34 -25.12	37.70 2.28 -15.73	21.67 -0.15 -23.06	38.03 -0.25 -40.81	43.16 0.90 -33.02	51.47 2.51 -24.46	58.98 4.68 -10.64	137.95 4.55 -91.91	160.78 3.01 -130.13	165.26 2.25 -141.99	174.46 5.73 -110.96	273.87 4.06 -227.58	443.59 2.67 -412.94	401.49 1.09 -388.93	460.05 2.26 -431.54	506.42 2.89 -471.78	358.06 -0.19 -360.14	412.05 1.42 -397.07	379.13 2.22 -355.43	327.98 2.51 -302.49	95.57 3.20 -64.02
LISF____SOLAR 323691	77.87 3.73 -39.76	67.20 1.98 -46.93	91.02 3.40 -59.83	47.00 2.34 -25.12	37.70 2.28 -15.73	21.67 -0.15 -23.06	38.03 -0.25 -40.81	43.16 0.90 -33.02	51.47 2.51 -24.46	58.97 4.67 -10.64	137.93 4.53 -91.91	160.77 3.00 -130.13	165.25 2.24 -141.99	174.43 5.71 -110.96	273.86 4.05 -227.58	443.59 2.68 -412.94	401.49 1.09 -388.93	460.06 2.28 -431.54	506.45 2.92 -471.78	358.05 -0.19 -360.14	412.07 1.44 -397.07	379.15 2.25 -355.43	328.00 2.52 -302.49	95.58 3.21 -64.02
LITTLE FALLS____HYD 24013	35.17 0.03 -0.75	19.09 0.12 -0.68	28.12 0.33 0.00	19.67 0.13 0.00	19.80 0.11 0.00	-1.25 -0.01 0.00	-2.56 -0.01 0.00	9.32 0.08 0.00	24.61 0.12 0.00	43.81 0.14 0.00	41.69 0.19 0.00	27.87 0.24 0.00	21.20 0.18 0.00	58.34 0.58 0.00	42.58 0.35 0.00	28.38 0.41 0.00	11.52 0.05 0.00	26.52 0.27 0.00	32.03 0.29 0.00	-1.91 -0.01 0.00	13.60 0.04 0.00	21.48 0.00 0.00	22.93 -0.05 0.00	28.27 -0.08 0.00

LI_NEWBRDGE___DRP 323616	77.64 3.50 -39.76	67.08 1.86 -46.93	90.82 3.19 -59.83	46.85 2.19 -25.12	37.55 2.13 -15.73	21.68 -0.14 -23.06	38.04 -0.23 -40.81	43.12 0.87 -33.02	51.36 2.41 -24.46	58.69 4.39 -10.64	137.72 4.32 -91.91	160.66 2.89 -130.13	165.17 2.16 -141.99	174.24 5.50 -110.96	273.73 3.92 -227.58	443.57 2.65 -412.94	401.50 1.10 -388.93	460.16 2.37 -431.54	506.41 2.88 -471.78	358.07 -0.18 -360.14	411.93 1.30 -397.07	379.00 2.09 -355.43	327.83 2.36 -302.49	95.39 3.01 -64.02
LOCKPORT___CC1 323769	36.77 0.83 -1.56	18.97 0.48 -0.20	28.50 0.42 -0.29	23.71 0.25 -3.92	22.54 0.34 -2.49	2.40 -0.02 -3.66	3.85 -0.08 -6.47	14.60 0.12 -5.24	28.04 0.13 -3.42	44.43 -0.15 -0.91	42.09 -0.70 -1.30	29.90 -0.60 -2.86	23.63 -0.37 -2.98	40.88 -1.50 15.40	30.21 -1.35 10.67	30.31 -0.58 -2.91	13.23 -0.23 -1.99	30.09 -0.73 -4.57	31.71 -1.30 -1.27	5.05 -0.03 -6.97	19.19 0.05 -5.59	25.92 0.17 -4.27	25.80 0.17 -2.64	29.16 0.06 -0.74
LOCKPORT___CC2 323770	36.77 0.83 -1.56	18.97 0.48 -0.20	28.50 0.42 -0.29	23.71 0.25 -3.92	22.54 0.34 -2.49	2.40 -0.02 -3.66	3.85 -0.08 -6.47	14.60 0.12 -5.24	28.04 0.13 -3.42	44.43 -0.15 -0.91	42.09 -0.70 -1.30	29.90 -0.60 -2.86	23.63 -0.37 -2.98	40.88 -1.50 15.40	30.21 -1.35 10.67	30.31 -0.58 -2.91	13.23 -0.23 -1.99	30.09 -0.73 -4.57	31.71 -1.30 -1.27	5.05 -0.03 -6.97	19.19 0.05 -5.59	25.92 0.17 -4.27	25.80 0.17 -2.64	29.16 0.06 -0.74
LOCKPORT___CC3 323771	36.77 0.83 -1.56	18.97 0.48 -0.20	28.50 0.42 -0.29	23.71 0.25 -3.92	22.54 0.34 -2.49	2.40 -0.02 -3.66	3.85 -0.08 -6.47	14.60 0.12 -5.24	28.04 0.13 -3.42	44.43 -0.15 -0.91	42.09 -0.70 -1.30	29.90 -0.60 -2.86	23.63 -0.37 -2.98	40.88 -1.50 15.40	30.21 -1.35 10.67	30.31 -0.58 -2.91	13.23 -0.23 -1.99	30.09 -0.73 -4.57	31.71 -1.30 -1.27	5.05 -0.03 -6.97	19.19 0.05 -5.59	25.92 0.17 -4.27	25.80 0.17 -2.64	29.16 0.06 -0.74
LONG_LAKE_PHOENIX 24014	35.36 0.13 -0.85	18.46 0.06 -0.11	27.97 0.02 -0.16	21.66 -0.01 -2.13	21.04 -0.01 -1.36	0.75 0.00 -1.99	0.97 0.00 -3.52	12.07 -0.01 -2.85	26.33 -0.02 -1.86	44.13 -0.03 -0.49	42.15 -0.05 -0.70	29.16 -0.04 -1.55	22.60 -0.04 -1.62	57.65 -0.14 -0.01	42.71 -0.10 -0.58	29.57 -0.01 -1.60	12.51 -0.04 -1.08	28.61 -0.12 -2.48	32.17 -0.26 -0.69	1.89 0.00 -3.79	16.55 -0.04 -3.04	23.74 -0.05 -2.32	24.34 -0.08 -1.44	28.62 -0.13 -0.40
LOVETT___3 23632	74.82 2.92 -37.53	63.75 1.50 -43.95	64.03 2.48 -33.75	45.12 1.68 -23.90	36.56 1.63 -15.23	21.00 -0.10 -22.33	36.78 -0.20 -39.53	41.96 0.75 -31.97	50.12 2.03 -23.59	57.39 3.58 -10.14	59.22 3.42 -14.30	77.08 2.33 -47.11	77.02 1.80 -54.19	96.72 4.69 -34.27	99.26 3.32 -53.71	100.89 2.33 -70.58	149.17 0.96 -136.74	165.93 2.11 -137.58	151.59 2.49 -117.35	148.97 -0.15 -151.03	97.39 1.08 -82.76	97.70 1.70 -74.52	80.93 1.84 -56.11	74.69 2.38 -43.95
LOVETT___4 23642	74.82 2.92 -37.53	63.75 1.50 -43.95	64.03 2.48 -33.75	45.12 1.68 -23.90	36.56 1.63 -15.23	21.00 -0.10 -22.33	36.78 -0.20 -39.53	41.96 0.75 -31.97	50.12 2.03 -23.59	57.39 3.58 -10.14	59.22 3.42 -14.30	77.08 2.33 -47.11	77.02 1.80 -54.19	96.72 4.69 -34.27	99.26 3.32 -53.71	100.89 2.33 -70.58	149.17 0.96 -136.74	165.93 2.11 -137.58	151.59 2.49 -117.35	148.97 -0.15 -151.03	97.39 1.08 -82.76	97.70 1.70 -74.52	80.93 1.84 -56.11	74.69 2.38 -43.95
LOVETT___5 23593	74.82 2.92 -37.53	63.75 1.50 -43.95	64.03 2.48 -33.75	45.12 1.68 -23.90	36.56 1.63 -15.23	21.00 -0.10 -22.33	36.78 -0.20 -39.53	41.96 0.75 -31.97	50.12 2.03 -23.59	57.39 3.58 -10.14	59.22 3.42 -14.30	77.08 2.33 -47.11	77.02 1.80 -54.19	96.72 4.69 -34.27	99.26 3.32 -53.71	100.89 2.33 -70.58	149.17 0.96 -136.74	165.93 2.11 -137.58	151.59 2.49 -117.35	148.97 -0.15 -151.03	97.39 1.08 -82.76	97.70 1.70 -74.52	80.93 1.84 -56.11	74.69 2.38 -43.95
LOWER_RAQUET___HYD 24057	19.15 -2.37 12.86	5.63 -1.13 11.54	26.06 -1.73 0.00	18.38 -1.16 0.00	18.49 -1.21 0.00	-1.16 0.07 0.00	-2.39 0.15 0.00	8.64 -0.59 0.00	22.88 -1.62 0.00	40.87 -2.80 0.00	39.20 -2.29 0.00	25.98 -1.66 0.00	19.68 -1.34 0.00	54.58 -3.19 0.00	40.13 -2.10 0.00	26.39 -1.59 0.00	10.84 -0.63 0.00	24.89 -1.36 0.00	30.31 -1.44 0.00	-1.79 0.11 0.00	12.76 -0.80 0.00	20.23 -1.24 0.00	21.93 -1.05 0.00	27.09 -1.27 0.00
LOWER___HUDSON 24059	55.35 1.89 -19.08	27.41 0.93 -8.19	36.54 1.47 -7.27	57.29 1.01 -36.74	44.18 1.07 -23.41	33.03 -0.07 -34.33	58.08 -0.13 -60.75	58.89 0.51 -49.15	58.14 1.22 -32.42	55.03 2.18 -9.19	56.35 1.93 -12.92	56.80 1.37 -27.79	53.85 1.09 -31.74	65.94 3.09 -5.08	60.90 2.01 -16.65	64.63 1.52 -35.13	48.51 0.66 -36.39	86.16 1.46 -58.45	60.99 1.78 -27.46	78.79 -0.10 -80.80	73.63 0.76 -59.31	69.54 1.08 -46.99	54.59 1.15 -30.46	42.29 1.44 -12.50
LWR___OSWEGATCHIE_HYD 23850	24.48 -1.37 8.53	10.06 -0.59 7.65	26.85 -0.94 0.00	18.91 -0.63 0.00	19.03 -0.67 0.00	-1.20 0.04 0.00	-2.46 0.00 0.00	8.92 -0.32 0.00	23.59 -0.90 0.00	42.12 -1.55 0.00	40.17 -1.33 0.00	26.67 -0.97 0.00	20.22 -0.80 0.00	55.97 -1.80 0.00	41.19 -1.04 0.00	27.16 -0.82 0.00	11.16 -0.32 0.00	25.68 -0.56 0.00	31.06 -0.68 0.00	-1.84 0.06 0.00	13.15 -0.41 0.00	20.89 -0.58 0.00	22.44 -0.54 0.00	27.71 -0.64 0.00
LYONS_FALL_HYD 23570	32.87 0.31 1.82	16.88 0.22 1.63	28.05 0.26 0.00	19.72 0.18 0.00	19.87 0.17 0.00	-1.25 -0.01 0.00	-2.57 -0.03 0.00	9.33 0.09 0.00	24.69 0.20 0.00	44.06 0.40 0.00	41.91 0.42 0.00	27.90 0.26 0.00	21.23 0.21 0.00	58.51 0.74 0.00	42.92 0.69 0.00	28.43 0.45 0.00	11.66 0.19 0.00	26.79 0.54 0.00	32.23 0.49 0.00	-1.92 -0.02 0.00	13.74 0.19 0.00	21.80 0.33 0.00	23.26 0.28 0.00	28.68 0.32 0.00
MADISON___COUNTY_LFGE 323628	35.88 1.06 -0.44	18.89 0.54 -0.06	28.63 0.76 -0.08	21.13 0.49 -1.09	20.87 0.48 -0.70	-0.25 -0.03 -1.02	-0.80 -0.07 -1.81	10.93 0.23 -1.46	26.03 0.58 -0.96	45.00 1.08 -0.25	43.03 1.18 -0.36	29.23 0.79 -0.80	22.51 0.65 -0.83	59.64 1.86 -0.01	43.93 1.41 -0.30	29.76 0.96 -0.83	12.41 0.38 -0.56	28.40 0.88 -1.28	32.98 0.87 -0.36	-0.01 -0.06 -1.95	15.50 0.38 -1.56	23.28 0.62 -1.19	24.30 0.57 -0.74	29.22 0.66 -0.21
MAPLE_RIDGE_WT_1 323574	40.21 -0.82 -6.65	24.56 -0.22 -6.48	27.30 -0.37 0.12	17.66 -0.22 1.67	18.46 -0.17 1.06	-2.77 0.02 1.56	-5.29 0.01 2.76	6.95 -0.05 2.24	22.85 -0.19 1.46	42.70 -0.58 0.39	40.12 -0.81 0.56	25.60 -0.57 1.47	19.21 -0.44 1.37	56.63 -1.13 0.01	41.12 -0.66 0.45	26.15 -0.57 1.26	10.36 -0.25 0.85	24.09 -0.21 1.95	30.84 -0.37 0.54	-4.84 0.03 2.97	10.99 -0.19 2.38	19.44 -0.20 1.82	21.64 -0.21 1.13	27.81 -0.23 0.31
MAPLE_RIDGE_WT_2 323611	40.21 -0.82 -6.65	24.56 -0.22 -6.48	27.30 -0.37 0.12	17.66 -0.22 1.67	18.46 -0.17 1.06	-2.77 0.02 1.56	-5.29 0.01 2.76	6.95 -0.05 2.24	22.85 -0.19 1.46	42.70 -0.58 0.39	40.12 -0.81 0.56	25.60 -0.57 1.47	19.21 -0.44 1.37	56.63 -1.13 0.01	41.12 -0.66 0.45	26.15 -0.57 1.26	10.36 -0.25 0.85	24.09 -0.21 1.95	30.84 -0.37 0.54	-4.84 0.03 2.97	10.99 -0.19 2.38	19.44 -0.20 1.82	21.64 -0.21 1.13	27.81 -0.23 0.31

MARBLE_RIVER_WT_PWR 323696	17.19 -1.01 16.18	3.11 -0.66 14.52	26.83 -0.96 0.00	19.03 -0.52 0.00	19.25 -0.44 0.00	-1.22 0.02 0.00	-2.50 0.04 0.00	9.03 -0.21 0.00	23.97 -0.52 0.00	42.71 -0.96 0.00	40.77 -0.73 0.00	27.14 -0.50 0.00	20.41 -0.61 0.00	56.11 -1.65 0.00	41.20 -1.03 0.00	26.72 -1.26 0.00	11.01 -0.47 0.00	25.46 -0.79 0.00	31.36 -0.39 0.00	-1.81 0.09 0.00	12.87 -0.69 0.00	20.44 -1.04 0.00	22.25 -0.73 0.00	27.78 -0.57 0.00
MARSH_HILL_WT_PWR 323713	38.82 2.37 -2.07	19.75 1.19 -0.26	29.67 1.50 -0.38	25.62 0.90 -5.18	23.87 0.87 -3.30	3.55 -0.06 -4.84	5.92 -0.11 -8.57	16.53 0.36 -6.93	29.84 0.83 -4.52	46.41 1.54 -1.20	44.58 1.37 -1.71	32.00 0.57 -3.79	25.26 0.30 -3.94	120.68 0.67 -62.24	91.26 0.31 -48.72	32.50 0.47 -4.05	14.43 0.32 -2.64	33.11 0.82 -6.05	33.88 0.45 -1.68	7.24 -0.09 -9.22	21.59 0.64 -7.39	28.24 1.11 -5.66	27.59 1.11 -3.50	30.63 1.30 -0.97
MG_INDUSTRY___DRP 24185	44.08 0.79 -8.90	13.47 0.41 5.24	25.78 0.67 2.68	53.75 0.44 -33.77	41.61 0.40 -21.52	30.29 -0.03 -31.56	53.26 -0.04 -55.84	54.58 0.17 -45.17	53.95 0.47 -28.99	51.66 0.89 -7.10	52.40 0.81 -10.09	47.01 0.62 -18.75	40.89 0.49 -19.38	53.72 1.27 5.32	44.57 0.86 -1.48	45.52 0.65 -16.90	8.72 0.28 3.03	48.44 0.58 -21.62	25.60 0.70 6.85	40.56 -0.04 -42.50	54.09 0.27 -40.27	50.89 0.40 -29.01	39.70 0.43 -16.29	28.86 0.57 0.06
MID___OSWEGATCHIE_HYD 23849	24.48 -1.37 8.53	10.06 -0.59 7.65	26.85 -0.94 0.00	18.91 -0.63 0.00	19.03 -0.67 0.00	-1.20 0.04 0.00	-2.46 0.08 0.00	8.92 -0.32 0.00	23.59 -0.90 0.00	42.12 -1.55 0.00	40.17 -1.33 0.00	26.67 -0.97 0.00	20.22 -0.80 0.00	55.97 -1.80 0.00	41.19 -1.04 0.00	27.16 -0.82 0.00	11.16 -0.32 0.00	25.68 -0.56 0.00	31.06 -0.68 0.00	-1.84 0.06 0.00	13.15 -0.41 0.00	20.89 -0.58 0.00	22.44 -0.54 0.00	27.71 -0.64 0.00
MID___RAQUETTE_HYD 23851	19.15 -2.37 12.86	5.63 -1.13 11.54	26.06 -1.73 0.00	18.38 -1.16 0.00	18.49 -1.21 0.00	-1.16 0.07 0.00	-2.39 0.15 0.00	8.64 -0.59 0.00	22.88 -1.62 0.00	40.87 -2.80 0.00	39.20 -2.29 0.00	25.98 -1.66 0.00	19.68 -1.34 0.00	54.58 -3.19 0.00	40.13 -2.10 0.00	26.39 -1.59 0.00	10.84 -0.63 0.00	24.89 -1.36 0.00	30.31 -1.44 0.00	-1.79 0.11 0.00	12.76 -0.80 0.00	20.23 -1.24 0.00	21.93 -1.05 0.00	27.09 -1.27 0.00
MILLIKEN___1 23584	37.89 1.47 -2.04	19.34 0.78 -0.26	29.25 1.08 -0.38	25.37 0.71 -5.12	23.65 0.70 -3.26	3.50 -0.05 -4.78	5.83 -0.09 -8.46	16.42 0.34 -6.85	29.84 0.89 -4.46	46.39 1.54 -1.19	44.76 1.57 -1.69	32.33 0.95 -3.74	25.60 0.69 -3.89	64.43 2.03 -4.63	48.53 1.42 -4.88	32.88 1.04 -3.87	14.50 0.42 -2.61	33.17 0.95 -5.97	34.36 0.96 -1.66	7.14 -0.07 -9.11	21.35 0.49 -7.30	27.88 0.82 -5.59	27.21 0.78 -3.45	30.20 0.89 -0.96
MILLIKEN___2 23585	37.89 1.47 -2.04	19.34 0.78 -0.26	29.25 1.08 -0.38	25.37 0.71 -5.12	23.65 0.70 -3.26	3.50 -0.05 -4.78	5.83 -0.09 -8.46	16.42 0.34 -6.85	29.84 0.89 -4.46	46.39 1.54 -1.19	44.76 1.57 -1.69	32.33 0.95 -3.74	25.60 0.69 -3.89	64.43 2.03 -4.63	48.53 1.42 -4.88	32.88 1.04 -3.87	14.50 0.42 -2.61	33.17 0.95 -5.97	34.36 0.96 -1.66	7.14 -0.07 -9.11	21.35 0.49 -7.30	27.88 0.82 -5.59	27.21 0.78 -3.45	30.20 0.89 -0.96
MILLIKEN___DIESEL 23629	37.89 1.47 -2.04	19.34 0.78 -0.26	29.25 1.08 -0.38	25.37 0.71 -5.12	23.65 0.70 -3.26	3.50 -0.05 -4.78	5.83 -0.09 -8.46	16.42 0.34 -6.85	29.84 0.89 -4.46	46.39 1.54 -1.19	44.76 1.57 -1.69	32.33 0.95 -3.74	25.60 0.69 -3.89	64.43 2.03 -4.63	48.53 1.42 -4.88	32.88 1.04 -3.87	14.50 0.42 -2.61	33.17 0.95 -5.97	34.36 0.96 -1.66	7.14 -0.07 -9.11	21.35 0.49 -7.30	27.88 0.82 -5.59	27.21 0.78 -3.45	30.20 0.89 -0.96
MILLSEAT___LFGE 323607	37.19 1.30 -1.51	19.20 0.72 -0.19	28.85 0.78 -0.28	23.82 0.50 -3.78	22.68 0.57 -2.41	2.26 -0.04 -3.54	3.61 -0.11 -6.26	14.54 0.25 -5.06	28.24 0.45 -3.30	45.04 0.49 -0.88	42.72 -0.03 -1.25	30.27 -0.14 -2.77	23.92 0.02 -2.88	45.26 -0.34 12.17	33.44 -0.54 8.25	30.70 -0.09 -2.82	13.37 -0.02 -1.93	30.41 -0.25 -4.42	32.20 -0.78 -1.23	4.78 -0.05 -6.73	19.21 0.26 -5.40	26.10 0.49 -4.13	26.02 0.48 -2.55	29.49 0.43 -0.71
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	76.72 3.03 -39.31	66.27 1.55 -46.42	65.83 2.56 -35.47	45.77 1.74 -24.48	36.99 1.69 -15.60	21.54 -0.11 -22.88	37.74 -0.21 -40.49	42.77 0.78 -32.75	50.87 2.13 -24.24	57.98 3.79 -10.52	59.95 3.63 -14.83	79.19 2.46 -49.09	79.43 1.89 -56.53	98.74 4.91 -36.06	102.01 3.44 -56.34	104.14 2.38 -73.78	156.02 0.98 -143.57	172.39 2.14 -144.01	157.59 2.56 -123.28	155.70 -0.16 -157.76	100.81 1.11 -86.14	100.96 1.78 -77.70	83.49 1.91 -58.60	76.94 2.45 -46.13
MODEL_CITY_ENERGY 24167	36.38 0.42 -1.57	18.76 0.27 -0.20	28.19 0.11 -0.29	23.52 0.03 -3.95	22.34 0.13 -2.52	2.45 -0.01 -3.69	3.93 -0.06 -6.53	14.56 0.04 -5.28	27.79 -0.15 -3.44	43.90 -0.68 -0.92	41.56 -1.24 -1.31	29.58 -0.95 -2.89	23.41 -0.62 -3.00	40.40 -2.22 15.14	29.90 -1.86 10.47	29.97 -0.94 -2.94	13.12 -0.36 -2.01	29.81 -1.05 -4.61	31.32 -1.70 -1.28	5.13 -0.01 -7.03	19.08 -0.11 -5.63	25.68 -0.10 -4.31	25.54 -0.11 -2.66	28.83 -0.27 -0.74
MODERN_LFGE___ 323580	36.38 0.42 -1.57	18.76 0.27 -0.20	28.19 0.11 -0.29	23.52 0.03 -3.95	22.34 0.13 -2.52	2.45 -0.01 -3.69	3.93 -0.06 -6.53	14.56 0.04 -5.28	27.79 -0.15 -3.44	43.90 -0.68 -0.92	41.56 -1.24 -1.31	29.58 -0.95 -2.89	23.41 -0.62 -3.00	40.40 -2.22 15.14	29.90 -1.86 10.47	29.97 -0.94 -2.94	13.12 -0.36 -2.01	29.81 -1.05 -4.61	31.32 -1.70 -1.28	5.13 -0.01 -7.03	19.08 -0.11 -5.63	25.68 -0.10 -4.31	25.54 -0.11 -2.66	28.83 -0.27 -0.74
MOHAWK_PAPER___DRP 24187	53.15 1.69 -17.08	24.85 0.85 -5.70	34.53 1.35 -5.39	56.29 0.90 -35.84	43.50 0.96 -22.84	32.20 -0.06 -33.50	56.63 -0.11 -59.28	57.62 0.43 -47.95	57.04 1.06 -31.49	54.37 1.99 -8.72	55.56 1.79 -12.28	54.77 1.29 -25.84	51.23 1.04 -29.17	63.83 2.92 -3.14	57.91 1.95 -13.74	60.92 1.47 -31.48	40.96 0.62 -28.87	78.80 1.36 -51.19	54.37 1.66 -20.96	71.06 -0.09 -73.06	69.49 0.65 -55.28	65.68 0.94 -43.27	51.57 1.00 -27.59	39.74 1.29 -10.10
MONGAUP___HYD 23641	71.38 2.84 -34.17	59.16 1.44 -39.43	60.48 2.21 -30.47	43.74 1.50 -22.70	35.61 1.45 -14.46	19.88 -0.09 -21.21	34.81 -0.18 -37.54	40.28 0.68 -30.36	48.61 1.85 -22.27	56.29 3.22 -9.40	57.88 3.12 -13.27	73.06 2.15 -43.27	72.10 1.40 -49.68	92.31 3.70 -30.85	93.04 2.14 -48.67	94.08 1.68 -64.43	135.89 0.72 -123.70	153.12 1.65 -125.23	139.82 2.06 -106.01	136.04 -0.12 -138.06	90.61 0.87 -76.18	91.52 1.68 -68.38	76.11 1.82 -51.30	70.37 2.23 -39.79
MONTAUK___DIESEL 23721	79.38 5.24 -39.76	67.97 2.74 -46.93	92.17 4.54 -59.83	47.80 3.14 -25.12	38.49 3.07 -15.73	21.62 -0.20 -23.06	37.92 -0.35 -40.81	43.56 1.31 -33.02	52.64 3.69 -24.46	61.22 6.92 -10.64	140.19 6.78 -91.91	162.29 4.52 -130.13	166.36 3.35 -141.99	177.15 8.43 -110.96	275.83 6.02 -227.58	445.04 4.13 -412.94	402.08 1.68 -388.93	461.21 3.43 -431.54	507.82 4.29 -471.78	357.97 -0.27 -360.14	412.72 2.09 -397.07	380.18 3.27 -355.43	329.02 3.55 -302.49	96.82 4.45 -64.02



MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	77.38 3.25 -39.75	66.89 1.67 -46.92	66.55 2.77 -35.99	46.10 1.88 -24.67	37.25 1.83 -15.72	21.71 -0.12 -23.06	38.04 -0.23 -40.80	43.10 0.85 -33.01	51.29 2.34 -24.46	58.51 4.21 -10.63	60.49 4.00 -15.00	80.01 2.68 -49.69	80.31 2.05 -57.24	99.65 5.29 -36.59	103.02 3.65 -57.14	105.24 2.51 -74.75	158.09 1.00 -145.62	174.38 2.19 -145.95	159.42 2.62 -125.06	157.73 -0.16 -159.79	101.90 1.17 -87.17	102.05 1.91 -78.67	84.41 2.07 -59.35	77.81 2.67 -46.79
MUNSVILLE_WIND_PWR 323609	40.47 3.07 -3.02	20.32 1.64 -0.39	30.73 2.38 -0.56	28.65 1.54 -7.57	26.04 1.52 -4.82	5.73 -0.10 -7.07	9.76 -0.21 -12.52	20.09 0.73 -10.12	33.01 1.92 -6.60	48.84 3.41 -1.76	47.59 3.58 -2.51	35.49 2.32 -5.53	28.39 1.61 -5.75	65.87 4.73 -3.38	50.24 3.43 -4.58	35.99 2.31 -5.71	16.27 0.95 -3.85	37.22 2.14 -8.83	36.88 2.68 -2.45	11.40 -0.17 -13.47	25.33 0.97 -10.80	31.49 1.76 -8.26	29.75 1.66 -5.11	31.70 1.92 -1.42
N SALMON___HYD 24042	18.22 -1.06 15.11	4.10 -0.64 13.55	26.86 -0.93 0.00	19.01 -0.53 0.00	19.18 -0.52 0.00	-1.21 0.03 0.00	-2.49 0.05 0.00	9.01 -0.23 0.00	23.92 -0.58 0.00	42.66 -1.00 0.00	40.77 -0.72 0.00	27.12 -0.52 0.00	20.46 -0.56 0.00	56.40 -1.37 0.00	41.42 -0.81 0.00	27.02 -0.96 0.00	11.12 -0.34 0.00	25.66 -0.58 0.00	31.49 -0.25 0.00	-1.83 0.07 0.00	13.04 -0.52 0.00	20.68 -0.79 0.00	22.44 -0.54 0.00	27.88 -0.47 0.00
N.E._GEN_SANDY PD 24062	60.50 2.11 -24.01	47.67 1.07 -28.30	55.56 1.72 -26.06	50.93 1.17 -30.21	40.14 1.19 -19.25	26.92 -0.08 -28.24	47.28 -0.14 -49.97	50.22 0.57 -40.42	54.32 1.42 -28.41	56.59 2.47 -10.46	58.07 2.19 -14.39	64.69 1.51 -35.54	68.68 1.18 -46.48	86.74 3.23 -25.74	86.37 2.11 -42.03	91.66 1.54 -62.14	120.83 0.65 -108.70	144.20 1.44 -116.52	125.42 1.80 -91.88	133.02 -0.11 -135.03	92.70 0.78 -78.36	91.88 1.15 -69.26	74.52 1.21 -50.33	65.17 1.58 -35.23
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	74.80 3.01 -37.41	63.63 1.55 -43.79	63.97 2.53 -33.64	45.12 1.72 -23.86	36.57 1.67 -15.21	20.96 -0.11 -22.30	36.71 -0.21 -39.46	41.92 0.77 -31.92	50.12 2.07 -23.55	57.46 3.68 -10.12	59.29 3.53 -14.27	77.02 2.41 -46.97	76.92 1.86 -54.04	96.79 4.87 -34.14	99.24 3.48 -53.54	100.80 2.45 -70.37	148.77 1.01 -136.29	165.62 2.22 -137.15	151.32 2.62 -116.95	148.52 -0.16 -150.58	97.22 1.13 -82.53	97.56 1.77 -74.31	80.83 1.91 -55.94	74.61 2.45 -43.81
NARROWS_GT1_1 24228	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
NARROWS_GT1_2 24229	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
NARROWS_GT1_3 24230	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
NARROWS_GT1_4 24231	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
NARROWS_GT1_5 24232	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
NARROWS_GT1_6 24233	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
NARROWS_GT1_7 24234	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
NARROWS_GT1_8 24235	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
NARROWS_GT2_1 24236	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
NARROWS_GT2_2 24237	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82

NARROWS_GT2_3 24238	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
NARROWS_GT2_4 24239	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
NARROWS_GT2_5 24240	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
NARROWS_GT2_6 24241	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
NARROWS_GT2_7 24242	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
NARROWS_GT2_8 24243	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	56.83 -0.04 -22.49	36.25 0.17 -17.79	43.15 0.73 -14.62	49.53 0.51 -29.48	39.04 0.56 -18.79	26.28 -0.04 -27.55	46.14 -0.06 -48.75	48.92 0.25 -39.44	51.76 0.50 -26.77	53.42 1.11 -8.63	54.65 0.95 -12.21	60.53 0.72 -32.17	57.70 0.62 -36.06	72.91 1.70 -13.45	69.91 1.34 -26.34	71.58 0.97 -42.64	75.33 0.43 -63.43	104.41 1.12 -77.04	84.88 0.98 -52.15	92.70 -0.04 -94.64	74.78 0.26 -60.96	72.75 0.26 -51.01	59.01 0.60 -35.43	50.33 1.10 -20.88
NEG CAPITAL___MECHNVIL 23645	55.89 2.61 -18.89	26.95 1.29 -7.36	36.41 1.97 -6.65	58.58 1.36 -37.68	45.11 1.40 -24.01	33.88 -0.09 -35.21	59.59 -0.18 -62.31	60.31 0.67 -50.41	59.38 1.70 -33.18	56.02 3.04 -9.31	57.42 2.82 -13.11	57.68 1.96 -28.08	54.36 1.56 -31.77	66.42 4.31 -4.35	61.10 2.98 -15.88	64.88 2.20 -34.70	46.59 0.96 -34.16	85.60 2.18 -57.17	59.70 2.57 -25.39	78.07 -0.15 -80.11	74.22 1.06 -59.60	69.98 1.54 -46.96	54.80 1.59 -30.23	42.09 1.91 -11.82
NEG CENTRAL_HIGH_ACRES 23767	35.85 0.20 -1.27	18.55 0.10 -0.16	28.00 -0.03 -0.24	22.64 -0.08 -3.18	21.69 -0.04 -2.03	1.74 0.00 -2.97	2.71 -0.01 -5.26	13.46 -0.03 -4.26	27.18 -0.10 -2.78	44.18 -0.22 -0.74	42.16 -0.39 -1.05	29.67 -0.30 -2.33	23.28 -0.16 -2.42	57.13 -0.66 -0.02	42.43 -0.66 -0.86	30.03 -0.35 -2.40	12.93 -0.16 -1.62	29.51 -0.45 -3.72	32.02 -0.76 -1.03	3.76 0.00 -5.67	18.03 -0.07 -4.54	24.90 -0.05 -3.48	25.00 -0.12 -2.15	28.68 -0.27 -0.60
NEG CENTRAL___DRP 24199	36.87 1.13 -1.36	19.06 0.59 -0.17	28.79 0.75 -0.26	23.42 0.46 -3.42	22.34 0.47 -2.18	1.93 -0.03 -3.19	3.04 -0.07 -5.65	14.03 0.22 -4.57	28.06 0.58 -2.98	45.47 1.01 -0.80	43.54 0.91 -1.13	30.64 0.50 -2.50	24.00 0.38 -2.60	64.77 1.00 -6.00	48.38 0.67 -5.47	31.09 0.53 -2.59	13.43 0.22 -1.74	30.73 0.50 -3.99	33.22 0.37 -1.11	4.14 -0.05 -6.09	18.76 0.32 -4.88	25.75 0.55 -3.73	25.78 0.49 -2.31	29.53 0.54 -0.64
NEG CENTRAL___INDECK 23768	38.69 2.53 -1.78	19.84 1.32 -0.23	29.85 1.73 -0.33	25.11 1.11 -4.46	23.67 1.13 -2.84	2.85 -0.08 -4.17	4.67 -0.16 -7.37	15.66 0.46 -5.97	29.36 0.98 -3.89	46.42 1.72 -1.04	44.35 1.38 -1.48	31.66 0.76 -3.26	25.00 0.59 -3.39	123.91 1.95 -64.19	93.38 1.14 -50.01	32.53 1.04 -3.51	14.18 0.44 -2.27	32.52 1.07 -5.20	34.10 0.91 -1.44	5.92 -0.12 -7.94	20.71 0.80 -6.36	27.69 1.35 -4.87	27.33 1.34 -3.01	30.69 1.49 -0.84
NEG CENTRAL___SENECA 23627	37.35 1.46 -1.51	19.24 0.75 -0.19	29.03 0.96 -0.28	23.92 0.59 -3.79	22.72 0.61 -2.42	2.26 -0.04 -3.54	3.64 -0.09 -6.27	14.58 0.28 -5.07	28.54 0.75 -3.30	45.85 1.30 -0.88	43.93 1.18 -1.26	31.08 0.66 -2.77	24.40 0.50 -2.88	68.59 1.25 -9.57	51.40 0.89 -8.29	31.55 0.70 -2.88	13.70 0.30 -1.93	31.35 0.68 -4.42	33.50 0.52 -1.23	4.78 -0.06 -6.75	19.38 0.41 -5.41	26.33 0.72 -4.14	26.19 0.65 -2.56	29.77 0.70 -0.71
NEG CENTRAL___STATE_STREET 24147	36.90 1.19 -1.33	19.16 0.70 -0.17	28.93 0.90 -0.25	23.47 0.61 -3.33	22.41 0.60 -2.12	1.83 -0.04 -3.11	2.88 -0.08 -5.50	13.98 0.30 -4.45	28.20 0.80 -2.90	45.83 1.39 -0.77	43.93 1.33 -1.10	30.81 0.73 -2.43	24.15 0.61 -2.53	59.46 1.67 -0.02	44.30 1.18 -0.90	31.32 0.84 -2.50	13.47 0.30 -1.69	30.81 0.68 -3.88	33.48 0.65 -1.08	3.96 -0.06 -5.92	18.72 0.42 -4.74	25.80 0.69 -3.63	25.89 0.67 -2.24	29.78 0.80 -0.62
NEG MILLWOOD___DRP 24198	77.83 3.36 -40.09	66.98 1.73 -46.95	67.05 2.71 -36.54	46.50 1.84 -25.12	37.49 1.79 -16.01	22.12 -0.12 -23.47	38.78 -0.22 -41.54	43.68 0.84 -33.60	51.70 2.32 -24.89	58.67 4.19 -10.81	60.79 4.05 -15.24	80.90 2.78 -50.47	81.29 2.12 -58.15	100.51 5.60 -37.15	104.24 3.99 -58.02	106.73 2.82 -75.93	160.51 1.17 -147.86	177.10 2.61 -148.25	161.86 3.14 -126.98	160.25 -0.19 -162.34	103.46 1.31 -88.60	103.46 2.05 -79.94	85.42 2.14 -60.30	78.52 2.66 -47.51
NEG NORTH_FLCN_SEA 23793	17.64 -0.60 16.14	3.34 -0.48 14.48	27.16 -0.63 0.00	19.25 -0.29 0.00	19.48 -0.22 0.00	-1.23 0.00 0.00	-2.53 0.01 0.00	9.12 -0.11 0.00	24.26 -0.23 0.00	43.17 -0.49 0.00	41.24 -0.25 0.00	27.45 -0.18 0.00	20.66 -0.36 0.00	56.85 -0.92 0.00	41.76 -0.47 0.00	27.08 -0.90 0.00	11.15 -0.32 0.00	25.79 -0.46 0.00	31.72 -0.03 0.00	-1.83 0.07 0.00	13.02 -0.54 0.00	20.67 -0.80 0.00	22.49 -0.50 0.00	28.09 -0.27 0.00

NEG NORTH_KES_CHATEGAY 23792	17.48 -1.03 15.87	3.38 -0.68 14.23	26.83 -0.96 0.00	19.02 -0.53 0.00	19.20 -0.49 0.00	-1.21 0.02 0.00	-2.50 0.05 0.00	9.01 -0.22 0.00	23.93 -0.56 0.00	42.59 -1.07 0.00	40.66 -0.83 0.00	27.05 -0.58 0.00	20.36 -0.67 0.00	56.06 -1.71 0.00	41.18 -1.05 0.00	26.79 -1.19 0.00	11.05 -0.42 0.00	25.52 -0.72 0.00	31.39 -0.35 0.00	-1.82 0.08 0.00	12.93 -0.63 0.00	20.54 -0.93 0.00	22.32 -0.66 0.00	27.83 -0.52 0.00
NEG NORTH___ALICE_FALLS 23915	17.71 -0.57 16.10	3.38 -0.47 14.44	27.16 -0.63 0.00	19.25 -0.29 0.00	19.46 -0.23 0.00	-1.23 0.00 0.00	-2.53 0.01 0.00	9.16 -0.08 0.00	24.34 -0.15 0.00	43.34 -0.33 0.00	41.37 -0.13 0.00	27.56 -0.08 0.00	20.75 -0.27 0.00	57.10 -0.67 0.00	42.00 -0.23 0.00	27.25 -0.73 0.00	11.24 -0.23 0.00	25.96 -0.29 0.00	31.93 0.19 0.00	-1.85 0.05 0.00	13.11 -0.45 0.00	20.81 -0.67 0.00	22.60 -0.38 0.00	28.20 -0.16 0.00
NEG NORTH___LWR_SARANAC 23913	17.71 -0.57 16.10	3.38 -0.47 14.44	27.16 -0.63 0.00	19.25 -0.29 0.00	19.46 -0.23 0.00	-1.23 0.00 0.00	-2.53 0.01 0.00	9.16 -0.08 0.00	24.34 -0.15 0.00	43.34 -0.33 0.00	41.37 -0.13 0.00	27.56 -0.08 0.00	20.75 -0.27 0.00	57.10 -0.67 0.00	42.00 -0.23 0.00	27.25 -0.73 0.00	11.24 -0.23 0.00	25.96 -0.29 0.00	31.93 0.19 0.00	-1.85 0.05 0.00	13.11 -0.45 0.00	20.81 -0.67 0.00	22.60 -0.38 0.00	28.20 -0.16 0.00
NEG NORTH___PLATTSBURG 23628	17.71 -0.57 16.10	3.38 -0.47 14.44	27.16 -0.63 0.00	19.25 -0.29 0.00	19.46 -0.23 0.00	-1.23 0.00 0.00	-2.53 0.01 0.00	9.16 -0.08 0.00	24.34 -0.15 0.00	43.34 -0.33 0.00	41.37 -0.13 0.00	27.56 -0.08 0.00	20.75 -0.27 0.00	57.10 -0.67 0.00	42.00 -0.23 0.00	27.25 -0.73 0.00	11.24 -0.23 0.00	25.96 -0.29 0.00	31.93 0.19 0.00	-1.85 0.05 0.00	13.11 -0.45 0.00	20.81 -0.67 0.00	22.60 -0.38 0.00	28.20 -0.16 0.00
NEG WEST_LEA_LOCKPORT 23791	36.77 0.83 -1.56	18.97 0.48 -0.20	28.50 0.42 -0.29	23.71 0.25 -3.92	22.54 0.34 -2.49	2.40 -0.02 -3.66	3.85 -0.08 -6.47	14.60 0.12 -5.24	28.04 0.13 -3.42	44.43 -0.15 -0.91	42.09 -0.70 -1.30	29.90 -0.60 -2.86	23.63 -0.37 -2.98	40.88 -1.50 15.40	30.21 -1.35 10.67	30.31 -0.58 -2.91	13.23 -0.23 -1.99	30.09 -0.73 -4.57	31.71 -1.30 -1.27	5.05 -0.03 -6.97	19.19 0.05 -5.59	25.92 0.17 -4.27	25.80 0.17 -2.64	29.16 0.06 -0.74
NEG WEST___LANCASTR 23811	38.00 1.96 -1.66	19.56 1.05 -0.21	29.37 1.27 -0.31	24.50 0.81 -4.15	23.22 0.88 -2.65	2.59 -0.06 -3.88	4.18 -0.14 -6.87	15.16 0.37 -5.55	28.98 0.87 -3.62	45.93 1.29 -0.97	43.61 0.74 -1.38	31.01 0.34 -3.04	24.50 0.32 -3.16	38.41 0.45 19.81	28.32 0.06 13.96	31.43 0.37 -3.08	13.74 0.16 -2.11	31.28 0.19 -4.85	32.89 -0.20 -1.35	5.40 -0.08 -7.39	19.96 0.49 -5.92	26.88 0.88 -4.54	26.66 0.88 -2.80	30.04 0.91 -0.78
NEG_PENN_ALLEGHNY 23528	39.05 1.43 -3.24	19.46 0.75 -0.41	29.47 1.07 -0.60	28.36 0.70 -8.12	25.56 0.69 -5.18	6.31 -0.05 -7.59	10.79 -0.10 -13.43	20.42 0.33 -10.86	32.48 0.90 -7.08	47.09 1.54 -1.89	45.68 1.50 -2.69	34.53 0.95 -5.94	27.89 0.69 -6.17	59.73 1.91 -0.05	45.71 1.28 -2.20	35.07 0.98 -6.12	16.01 0.41 -4.13	36.65 0.92 -9.48	35.23 0.85 -2.63	12.49 -0.07 -14.45	25.58 0.44 -11.58	31.10 0.76 -8.87	29.17 0.71 -5.48	30.71 0.83 -1.53
NEG___GEN_MONROE 24207	36.83 1.13 -1.33	19.08 0.61 -0.17	28.78 0.75 -0.25	23.34 0.48 -3.33	22.34 0.52 -2.12	1.84 -0.04 -3.11	2.86 -0.10 -5.50	13.94 0.25 -4.45	27.96 0.56 -2.90	45.27 0.82 -0.77	43.19 0.59 -1.10	30.42 0.35 -2.43	23.89 0.34 -2.53	55.98 0.67 2.46	41.47 0.22 0.98	30.79 0.31 -2.50	13.29 0.12 -1.69	30.25 0.12 -3.88	32.67 -0.16 -1.08	3.97 -0.06 -5.92	18.62 0.31 -4.75	25.62 0.51 -3.63	25.73 0.50 -2.24	29.45 0.47 -0.63
NEPA___ENERGY 23901	38.35 2.19 -1.78	19.73 1.21 -0.23	29.69 1.56 -0.33	24.96 0.97 -4.46	23.57 1.04 -2.84	2.85 -0.08 -4.17	4.67 -0.15 -7.37	15.67 0.48 -5.96	29.64 1.26 -3.89	46.58 1.88 -1.04	44.55 1.58 -1.48	31.74 0.84 -3.26	25.03 0.62 -3.39	41.90 1.53 17.40	31.11 0.92 12.04	32.27 0.98 -3.31	14.18 0.44 -2.27	32.29 0.84 -5.20	33.68 0.48 -1.44	5.93 -0.10 -7.93	20.51 0.60 -6.36	27.45 1.11 -4.87	27.05 1.06 -3.01	30.42 1.22 -0.84
NEVERSINK___HYD 23608	67.63 4.42 -28.83	52.28 2.28 -31.70	56.06 3.47 -24.79	43.75 2.38 -21.83	35.98 2.37 -13.92	19.02 -0.15 -20.41	33.27 -0.30 -36.11	39.57 1.12 -29.21	48.52 2.99 -21.03	57.65 5.58 -8.40	58.69 5.34 -11.86	68.58 3.58 -37.36	66.33 2.63 -42.67	89.77 7.15 -24.86	87.54 5.17 -40.14	86.20 3.67 -54.55	114.07 1.22 -101.38	133.76 2.56 -104.96	121.48 3.24 -86.49	115.36 -0.21 -117.48	81.50 1.53 -66.41	82.82 2.41 -58.93	69.17 2.48 -43.71	64.07 3.02 -32.70
NEWTON___FALLS_HYD 23847	24.48 -1.37 8.53	10.06 -0.59 7.65	26.85 -0.94 0.00	18.91 -0.63 0.00	19.03 -0.67 0.00	-1.20 0.04 0.00	-2.46 0.08 0.00	8.92 -0.32 0.00	23.59 -0.90 0.00	42.12 -1.55 0.00	40.17 -1.33 0.00	26.67 -0.97 0.00	20.22 -0.80 0.00	55.97 -1.80 0.00	41.19 -1.04 0.00	27.16 -0.82 0.00	11.16 -0.32 0.00	25.68 -0.56 0.00	31.06 -0.68 0.00	-1.84 0.06 0.00	13.15 -0.41 0.00	20.89 -0.58 0.00	22.44 -0.54 0.00	27.71 -0.64 0.00
NIAGARA_115E_LBMP 323715	36.18 0.22 -1.59	18.66 0.16 -0.20	28.03 -0.06 -0.30	23.46 -0.07 -3.98	22.26 0.03 -2.54	2.48 0.00 -3.72	4.00 -0.04 -6.58	14.55 -0.01 -5.33	27.67 -0.29 -3.47	43.62 -0.97 -0.92	41.28 -1.54 -1.32	29.40 -1.15 -2.91	23.28 -0.77 -3.03	39.60 -2.62 15.54	29.31 -2.15 10.76	29.80 -1.14 -2.96	13.05 -0.45 -2.03	29.66 -1.23 -4.64	31.11 -1.93 -1.29	5.19 0.01 -7.09	19.03 -0.20 -5.68	25.57 -0.25 -4.35	25.42 -0.25 -2.68	28.65 -0.44 -0.75
NIAGARA_115W_LBMP 323714	36.22 0.25 -1.59	18.68 0.18 -0.20	28.08 -0.01 -0.30	23.49 -0.04 -3.99	22.30 0.06 -2.55	2.50 0.01 -3.73	4.03 -0.03 -6.60	14.57 -0.01 -5.34	27.73 -0.25 -3.48	43.64 -0.94 -0.92	40.62 -1.56 -0.68	29.36 -1.18 -2.89	23.25 -0.81 -3.04	39.28 -2.74 15.75	29.23 -2.23 10.76	29.76 -1.17 -2.95	13.03 -0.47 -2.03	29.63 -1.28 -4.66	31.07 -1.95 -1.27	5.22 0.01 -7.10	19.00 -0.24 -5.68	25.53 -0.29 -4.34	25.37 -0.30 -2.69	28.61 -0.50 -0.75
NIAGARA_230_LBMP 323716	36.46 0.50 -1.59	18.81 0.31 -0.20	28.28 0.19 -0.30	23.61 0.09 -3.98	22.43 0.20 -2.54	2.47 -0.01 -3.72	3.98 -0.06 -6.58	14.61 0.05 -5.32	27.92 -0.04 -3.47	44.15 -0.44 -0.92	41.85 -0.96 -1.32	29.76 -0.79 -2.91	23.52 -0.53 -3.03	41.44 -1.92 14.41	30.67 -1.66 9.91	30.14 -0.80 -2.96	13.17 -0.32 -2.03	29.97 -0.92 -4.64	31.53 -1.51 -1.29	5.18 -0.01 -7.09	19.16 -0.07 -5.68	25.80 -0.02 -4.35	25.65 -0.02 -2.68	28.95 -0.15 -0.75
NIAGARA____ 23760	36.29 0.33 -1.59	18.71 0.21 -0.20	28.13 0.05 -0.30	23.53 0.01 -3.98	22.33 0.10 -2.54	2.49 0.00 -3.72	4.01 -0.04 -6.59	14.59 0.02 -5.33	27.81 -0.15 -3.47	43.90 -0.69 -0.92	41.48 -1.24 -1.23	29.58 -0.97 -2.91	23.38 -0.66 -3.03	40.53 -2.27 14.97	30.05 -1.90 10.28	29.96 -0.98 -2.96	13.11 -0.39 -2.03	29.81 -1.08 -4.65	31.32 -1.72 -1.29	5.20 0.00 -7.09	19.08 -0.15 -5.68	25.67 -0.15 -4.34	25.50 -0.17 -2.69	28.77 -0.33 -0.75

NINE_MILE_1 23575	34.63 -0.44 -0.69	18.14 -0.24 -0.09	27.51 -0.41 -0.13	20.97 -0.31 -1.74	20.48 -0.32 -1.11	0.41 0.02 -1.63	0.37 0.04 -2.88	11.41 -0.15 -2.33	25.63 -0.38 -1.52	43.37 -0.70 -0.40	41.37 -0.70 -0.58	28.43 -0.48 -1.27	21.99 -0.36 -1.32	56.78 -1.00 -0.01	41.93 -0.77 -0.47	28.82 -0.47 -1.31	12.16 -0.20 -0.88	27.81 -0.47 -2.03	31.66 -0.65 -0.56	1.22 0.03 -3.10	15.82 -0.22 -2.48	23.04 -0.33 -1.90	23.76 -0.40 -1.17	28.16 -0.52 -0.33
NINE_MILE_2 23744	34.63 -0.44 -0.69	18.14 -0.24 -0.09	27.51 -0.41 -0.13	20.97 -0.31 -1.74	20.49 -0.31 -1.11	0.40 0.02 -1.62	0.36 0.04 -2.87	11.41 -0.15 -2.32	25.62 -0.38 -1.51	43.37 -0.70 -0.40	41.38 -0.69 -0.57	28.43 -0.48 -1.27	21.99 -0.35 -1.32	56.78 -1.00 -0.01	41.93 -0.77 -0.47	28.82 -0.47 -1.31	12.16 -0.19 -0.88	27.81 -0.46 -2.03	31.66 -0.65 -0.56	1.22 0.03 -3.09	15.81 -0.22 -2.47	23.04 -0.33 -1.89	23.76 -0.39 -1.17	28.16 -0.52 -0.33
NM_CAPITAL___DRP 24208	52.13 1.32 -16.44	23.94 0.67 -4.98	33.72 1.08 -4.84	55.65 0.72 -35.39	43.02 0.76 -22.56	31.79 -0.05 -33.08	55.91 -0.08 -58.53	56.92 0.34 -47.35	56.36 0.81 -31.05	53.76 1.55 -8.54	54.91 1.38 -12.04	53.79 1.02 -25.13	50.12 0.81 -28.29	62.64 2.28 -2.59	56.56 1.47 -12.85	59.37 1.10 -30.29	38.58 0.47 -26.64	76.13 0.98 -48.90	52.05 1.25 -19.05	68.54 -0.07 -70.51	67.89 0.48 -53.86	64.16 0.69 -42.00	50.38 0.76 -26.64	38.74 1.01 -9.38
NM_CENTRAL___DRP 24181	35.70 0.40 -0.92	18.61 0.20 -0.12	28.19 0.23 -0.17	21.97 0.13 -2.30	21.28 0.12 -1.47	0.90 -0.01 -2.15	1.24 -0.02 -3.81	12.37 0.06 -3.08	26.68 0.18 -2.00	44.53 0.33 -0.54	42.56 0.30 -0.76	29.50 0.18 -1.68	22.93 0.16 -1.75	58.20 0.42 -0.02	43.10 0.25 -0.62	29.93 0.22 -1.73	12.73 0.08 -1.17	29.09 0.16 -2.69	32.53 0.04 -0.75	2.18 -0.01 -4.09	16.93 0.09 -3.28	24.14 0.15 -2.51	24.64 0.10 -1.55	28.85 0.06 -0.43
NM_FRONTIER___DRP 24179	36.22 0.25 -1.59	18.68 0.18 -0.20	28.08 -0.01 -0.30	23.49 -0.04 -3.99	22.30 0.06 -2.55	2.50 0.01 -3.73	4.03 -0.03 -6.60	14.57 -0.01 -5.34	27.73 -0.25 -3.48	43.64 -0.94 -0.92	40.62 -1.56 -0.68	29.36 -1.18 -2.89	23.25 -0.81 -3.04	39.28 -2.74 15.75	29.23 -2.23 10.76	29.76 -1.17 -2.95	13.03 -0.47 -2.03	29.63 -1.28 -4.66	31.07 -1.95 -1.27	5.22 0.01 -7.10	19.00 -0.24 -5.68	25.53 -0.29 -4.34	25.37 -0.30 -2.69	28.61 -0.50 -0.75
NM_ST_REGIS___HYD 24053	19.02 -2.04 13.32	5.33 -1.01 11.95	26.26 -1.53 0.00	18.54 -1.00 0.00	18.66 -1.03 0.00	-1.17 0.06 0.00	-2.42 0.13 0.00	8.73 -0.50 0.00	23.15 -1.35 0.00	41.33 -2.34 0.00	39.62 -1.88 0.00	26.28 -1.36 0.00	19.88 -1.14 0.00	55.06 -2.71 0.00	40.46 -1.77 0.00	26.55 -1.42 0.00	10.91 -0.56 0.00	25.09 -1.15 0.00	30.62 -1.13 0.00	-1.80 0.10 0.00	12.83 -0.72 0.00	20.34 -1.13 0.00	22.06 -0.92 0.00	27.29 -1.06 0.00
NORTHPORT___1 23551	77.33 3.18 -39.76	66.93 1.71 -46.93	90.67 3.05 -59.83	46.77 2.10 -25.12	37.46 2.04 -15.73	21.69 -0.14 -23.06	38.06 -0.21 -40.81	43.05 0.80 -33.02	51.14 2.18 -24.46	58.31 4.00 -10.64	137.29 3.89 -91.91	160.33 2.57 -130.13	164.93 1.92 -141.99	173.59 4.86 -110.96	273.28 3.47 -227.58	443.23 2.32 -412.94	401.37 0.97 -388.93	459.83 2.04 -431.54	506.03 2.50 -471.78	358.09 -0.16 -360.14	411.82 1.19 -397.07	378.76 1.85 -355.43	327.62 2.15 -302.49	95.14 2.77 -64.02
NORTHPORT___2 23552	77.33 3.18 -39.76	66.93 1.71 -46.93	90.67 3.05 -59.83	46.77 2.10 -25.12	37.46 2.04 -15.73	21.69 -0.14 -23.06	38.06 -0.21 -40.81	43.05 0.80 -33.02	51.14 2.18 -24.46	58.31 4.00 -10.64	137.29 3.89 -91.91	160.33 2.57 -130.13	164.93 1.92 -141.99	173.59 4.86 -110.96	273.28 3.47 -227.58	443.23 2.32 -412.94	401.37 0.97 -388.93	459.83 2.04 -431.54	506.03 2.50 -471.78	358.09 -0.16 -360.14	411.82 1.19 -397.07	378.76 1.85 -355.43	327.62 2.15 -302.49	95.14 2.77 -64.02
NORTHPORT___3 23553	77.55 3.40 -39.76	67.07 1.85 -46.93	90.89 3.27 -59.83	46.91 2.25 -25.12	37.61 2.19 -15.73	21.68 -0.15 -23.06	38.04 -0.23 -40.81	43.12 0.86 -33.02	51.33 2.38 -24.46	58.60 4.30 -10.64	137.66 4.26 -91.91	160.60 2.84 -130.13	165.14 2.13 -141.99	174.18 5.45 -110.96	273.72 3.91 -227.58	443.56 2.65 -412.94	401.50 1.10 -388.93	460.14 2.36 -431.54	506.39 2.86 -471.78	358.07 -0.18 -360.14	411.93 1.30 -397.07	378.95 2.05 -355.43	327.81 2.34 -302.49	95.33 2.96 -64.02
NORTHPORT___4 23650	77.55 3.40 -39.76	67.07 1.85 -46.93	90.89 3.27 -59.83	46.91 2.25 -25.12	37.61 2.19 -15.73	21.68 -0.15 -23.06	38.04 -0.23 -40.81	43.12 0.86 -33.02	51.33 2.38 -24.46	58.60 4.30 -10.64	137.66 4.26 -91.91	160.60 2.84 -130.13	165.14 2.13 -141.99	174.18 5.45 -110.96	273.72 3.91 -227.58	443.56 2.65 -412.94	401.50 1.10 -388.93	460.14 2.36 -431.54	506.39 2.86 -471.78	358.07 -0.18 -360.14	411.93 1.30 -397.07	378.95 2.05 -355.43	327.81 2.34 -302.49	95.33 2.96 -64.02
NORTHPORT___IC 23718	77.33 3.18 -39.76	66.93 1.71 -46.93	90.67 3.05 -59.83	46.77 2.10 -25.12	37.46 2.04 -15.73	21.69 -0.14 -23.06	38.06 -0.21 -40.81	43.05 0.80 -33.02	51.14 2.18 -24.46	58.31 4.00 -10.64	137.29 3.89 -91.91	160.33 2.57 -130.13	164.93 1.92 -141.99	173.59 4.86 -110.96	273.28 3.47 -227.58	443.23 2.32 -412.94	401.37 0.97 -388.93	459.83 2.04 -431.54	506.03 2.50 -471.78	358.09 -0.16 -360.14	411.82 1.19 -397.07	378.76 1.85 -355.43	327.62 2.15 -302.49	95.14 2.77 -64.02
NPX_GEN_1385_PROXY 323591	77.35 3.21 -39.76	66.65 1.42 -46.93	58.99 2.40 -28.81	46.32 1.65 -25.12	37.03 1.61 -15.73	21.71 -0.12 -23.06	38.09 -0.18 -40.81	42.93 0.68 -33.02	50.80 1.85 -24.46	57.73 3.43 -10.64	136.41 3.01 -91.91	159.06 1.98 -129.44	31.84 1.49 -9.33	-291.69 3.67 353.13	-131.80 2.63 176.66	160.64 1.76 -130.90	142.37 0.75 -130.16	133.07 1.53 -105.30	189.79 1.88 -156.16	358.11 -0.13 -360.14	411.69 1.06 -397.07	378.40 1.49 -355.43	327.52 2.05 -302.49	94.95 2.58 -64.02
NPX_GEN_CSC 323557	78.04 3.90 -39.76	67.28 2.06 -46.93	91.14 3.52 -59.83	47.08 2.42 -25.12	37.78 2.36 -15.73	21.67 -0.16 -23.06	38.01 -0.26 -40.81	43.19 0.94 -33.02	51.58 2.63 -24.46	59.21 4.91 -10.64	138.18 4.78 -91.91	160.94 3.18 -130.13	165.39 2.37 -141.99	174.79 6.06 -110.96	274.10 4.29 -227.58	443.72 2.81 -412.94	401.50 1.11 -388.93	460.08 2.30 -431.54	506.55 3.02 -471.78	358.05 -0.20 -360.14	412.14 1.51 -397.07	379.26 2.35 -355.43	328.11 2.64 -302.49	95.73 3.36 -64.02
NSINS_S_GLNS_FALLS 23858	55.69 2.69 -18.62	26.27 1.30 -6.67	35.82 1.90 -6.12	59.05 1.34 -38.17	45.42 1.39 -24.33	34.35 -0.09 -35.68	60.40 -0.18 -63.13	60.98 0.68 -51.07	59.81 1.75 -33.57	55.97 2.96 -9.34	57.40 2.73 -13.17	57.59 1.84 -28.11	54.03 1.41 -31.59	65.53 4.01 -3.75	60.20 2.78 -15.20	64.20 2.07 -34.15	44.67 0.97 -32.24	84.25 2.18 -55.83	57.96 2.58 -23.63	77.06 -0.15 -79.10	74.11 1.09 -59.46	69.69 1.56 -46.66	54.46 1.62 -29.86	41.48 1.90 -11.23
NUCOR_STEEL___DRP 24197	36.53 0.88 -1.27	18.99 0.54 -0.16	28.67 0.64 -0.24	23.16 0.42 -3.19	22.15 0.42 -2.04	1.72 -0.03 -2.98	2.68 -0.05 -5.28	13.72 0.22 -4.27	27.87 0.59 -2.78	45.44 1.03 -0.74	43.57 1.02 -1.06	30.48 0.51 -2.34	23.90 0.45 -2.43	59.05 1.26 -0.02	43.98 0.89 -0.87	31.02 0.64 -2.40	13.31 0.21 -1.63	30.43 0.46 -3.73	33.17 0.39 -1.04	3.74 -0.04 -5.68	18.43 0.31 -4.56	25.47 0.51 -3.49	25.61 0.48 -2.15	29.51 0.56 -0.60

NYISO_LBMP_REFERENCE 24008	34.38 0.00 0.00	18.30 0.00 0.00	27.79 0.00 0.00	19.54 0.00 0.00	19.70 0.00 0.00	-1.24 0.00 0.00	-2.54 0.00 0.00	9.24 0.00 0.00	24.49 0.00 0.00	43.67 0.00 0.00	41.50 0.00 0.00	27.64 0.00 0.00	21.02 0.00 0.00	57.77 0.00 0.00	42.23 0.00 0.00	27.98 0.00 0.00	11.47 0.00 0.00	26.24 0.00 0.00	31.75 0.00 0.00	-1.90 0.00 0.00	13.56 0.00 0.00	21.47 0.00 0.00	22.98 0.00 0.00	28.35 0.00 0.00
NYPA_BRENTWD____GT 24164	77.88 3.73 -39.76	67.21 1.98 -46.93	91.04 3.42 -59.83	47.02 2.35 -25.12	37.72 2.29 -15.73	21.68 -0.15 -23.06	38.02 -0.25 -40.81	43.17 0.91 -33.02	51.48 2.53 -24.46	58.96 4.66 -10.64	137.88 4.48 -91.91	160.51 2.75 -130.13	165.10 2.09 -141.99	174.00 5.27 -110.96	273.59 3.78 -227.58	443.45 2.53 -412.94	401.47 1.07 -388.93	460.04 2.25 -431.54	506.29 2.76 -471.78	358.07 -0.18 -360.14	411.94 1.31 -397.07	378.94 2.03 -355.43	327.80 2.32 -302.49	95.57 3.20 -64.02
NYPA_GOWANUS____GT5 24156	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.86 5.50 -36.59	103.07 3.71 -57.13	105.23 2.51 -74.74	158.05 0.97 -145.60	174.30 2.13 -145.94	159.31 2.52 -125.04	157.72 -0.16 -159.78	101.91 1.18 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
NYPA_GOWANUS____GT6 24157	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.86 5.50 -36.59	103.07 3.71 -57.13	105.23 2.51 -74.74	158.05 0.97 -145.60	174.30 2.13 -145.94	159.31 2.52 -125.04	157.72 -0.16 -159.78	101.91 1.18 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82
NYPA_HARLEM__RVR__GT1 24160	77.52 3.39 -39.75	66.94 1.72 -46.92	66.62 2.84 -35.98	46.13 1.92 -24.67	37.24 1.83 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.09 0.85 -33.01	51.30 2.35 -24.45	58.51 4.21 -10.63	60.40 3.91 -14.99	79.97 2.64 -49.69	80.27 2.02 -57.23	99.50 5.15 -36.59	102.93 3.57 -57.13	105.17 2.46 -74.74	158.02 0.95 -145.60	174.24 2.05 -145.94	159.36 2.56 -125.05	157.73 -0.16 -159.78	101.85 1.13 -87.17	101.99 1.86 -78.66	84.39 2.06 -59.35	77.96 2.82 -46.78
NYPA_HARLEM__RVR__GT2 24161	77.52 3.39 -39.75	66.94 1.72 -46.92	66.62 2.84 -35.98	46.13 1.92 -24.67	37.24 1.83 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.09 0.85 -33.01	51.30 2.35 -24.45	58.51 4.21 -10.63	60.40 3.91 -14.99	79.97 2.64 -49.69	80.27 2.02 -57.23	99.50 5.15 -36.59	102.93 3.57 -57.13	105.17 2.46 -74.74	158.02 0.95 -145.60	174.24 2.05 -145.94	159.36 2.56 -125.05	157.73 -0.16 -159.78	101.85 1.13 -87.17	101.99 1.86 -78.66	84.39 2.06 -59.35	77.96 2.82 -46.78
NYPA_KENT____GT 24152	77.51 3.38 -39.75	66.94 1.73 -46.92	66.65 2.87 -35.98	46.17 1.95 -24.67	37.31 1.89 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.13 0.88 -33.01	51.39 2.45 -24.45	58.74 4.44 -10.63	60.65 4.16 -14.99	80.08 2.76 -49.69	80.37 2.12 -57.23	99.76 5.41 -36.59	103.02 3.66 -57.13	105.20 2.48 -74.74	158.04 0.97 -145.60	174.29 2.11 -145.94	159.31 2.52 -125.04	157.72 -0.16 -159.78	101.89 1.16 -87.17	102.08 1.95 -78.66	84.47 2.14 -59.35	107.47 2.81 -76.30
NYPA_POUCH1____GT 24155	77.51 3.38 -39.75	66.93 1.72 -46.92	66.62 2.84 -35.98	46.14 1.93 -24.67	37.29 1.87 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.12 0.87 -33.01	51.37 2.42 -24.45	58.70 4.40 -10.63	60.62 4.13 -14.99	80.09 2.76 -49.69	80.39 2.14 -57.23	99.78 5.42 -36.59	102.98 3.62 -57.13	105.15 2.43 -74.74	175.81 0.93 -163.41	190.46 2.02 -162.19	170.54 2.42 -136.37	169.43 -0.15 -171.47	101.89 1.17 -87.17	102.09 1.96 -78.66	84.49 2.16 -59.35	135.63 2.76 -104.52
NYPA_VERNON____GT2 24162	77.47 3.34 -39.75	66.92 1.71 -46.92	66.62 2.84 -35.98	46.16 1.94 -24.67	37.30 1.88 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.13 0.88 -33.01	51.37 2.42 -24.45	58.69 4.39 -10.63	60.62 4.13 -14.99	80.07 2.74 -49.69	80.35 2.10 -57.23	99.73 5.38 -36.59	103.00 3.64 -57.13	105.19 2.48 -74.74	158.05 0.97 -145.60	174.30 2.12 -145.94	159.33 2.54 -125.04	157.72 -0.16 -159.78	101.87 1.15 -87.17	102.06 1.93 -78.66	84.45 2.11 -59.35	87.93 2.79 -56.79
NYPA_VERNON____GT3 24163	77.47 3.34 -39.75	66.92 1.71 -46.92	66.62 2.84 -35.98	46.16 1.94 -24.67	37.30 1.88 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.13 0.88 -33.01	51.37 2.42 -24.45	58.69 4.39 -10.63	60.62 4.13 -14.99	80.07 2.74 -49.69	80.35 2.10 -57.23	99.73 5.38 -36.59	103.00 3.64 -57.13	105.19 2.48 -74.74	158.05 0.97 -145.60	174.30 2.12 -145.94	159.33 2.54 -125.04	157.72 -0.16 -159.78	101.87 1.15 -87.17	102.06 1.93 -78.66	84.45 2.11 -59.35	87.93 2.79 -56.79
NYPA__ASTORIA_CC1 323568	77.41 3.28 -39.75	66.88 1.67 -46.92	66.57 2.79 -35.98	46.12 1.90 -24.67	37.26 1.84 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.86 -33.01	51.33 2.38 -24.45	58.60 4.30 -10.63	60.54 4.05 -14.99	80.01 2.68 -49.69	80.31 2.06 -57.23	99.62 5.27 -36.59	102.91 3.54 -57.13	105.12 2.41 -74.74	158.02 0.94 -145.60	174.23 2.05 -145.94	159.26 2.47 -125.04	157.73 -0.15 -159.78	101.84 1.12 -87.17	102.02 1.89 -78.66	84.40 2.07 -59.35	77.87 2.74 -46.78
NYPA__ASTORIA_CC2 323569	77.41 3.28 -39.75	66.88 1.67 -46.92	66.57 2.79 -35.98	46.12 1.90 -24.67	37.26 1.84 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.86 -33.01	51.33 2.38 -24.45	58.60 4.30 -10.63	60.54 4.05 -14.99	80.01 2.68 -49.69	80.31 2.06 -57.23	99.62 5.27 -36.59	102.91 3.54 -57.13	105.12 2.41 -74.74	158.02 0.94 -145.60	174.23 2.05 -145.94	159.26 2.47 -125.04	157.73 -0.15 -159.78	101.84 1.12 -87.17	102.02 1.89 -78.66	84.40 2.07 -59.35	77.87 2.74 -46.78
NYPA__HOLTSVILL 23794	77.68 3.54 -39.76	67.11 1.89 -46.93	90.89 3.27 -59.83	46.92 2.26 -25.12	37.62 2.20 -15.73	21.68 -0.15 -23.06	38.03 -0.23 -40.81	43.12 0.87 -33.02	51.37 2.41 -24.46	58.78 4.48 -10.64	137.75 4.35 -91.91	160.63 2.87 -130.13	165.15 2.14 -141.99	174.16 5.43 -110.96	273.68 3.87 -227.58	443.46 2.55 -412.94	401.47 1.07 -388.93	460.00 2.21 -431.54	506.27 2.74 -471.78	358.07 -0.18 -360.14	411.96 1.33 -397.07	378.98 2.07 -355.43	327.84 2.37 -302.49	95.44 3.06 -64.02
NYPA____HELLGATE_GT1 24158	77.52 3.39 -39.75	66.94 1.72 -46.92	66.62 2.84 -35.98	46.13 1.92 -24.67	37.24 1.83 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.09 0.85 -33.01	51.30 2.35 -24.45	58.51 4.21 -10.63	60.40 3.91 -14.99	79.97 2.64 -49.69	80.27 2.02 -57.23	99.50 5.15 -36.59	102.93 3.57 -57.13	105.18 2.46 -74.74	158.02 0.95 -145.60	174.24 2.05 -145.94	159.36 2.56 -125.05	157.73 -0.16 -159.78	101.85 1.13 -87.17	101.99 1.86 -78.66	84.39 2.06 -59.35	77.96 2.82 -46.78
NYPA____HELLGATE_GT2 24159	77.52 3.39 -39.75	66.94 1.72 -46.92	66.62 2.84 -35.98	46.13 1.92 -24.67	37.24 1.83 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.09 0.85 -33.01	51.30 2.35 -24.45	58.51 4.21 -10.63	60.40 3.91 -14.99	79.97 2.64 -49.69	80.27 2.02 -57.23	99.50 5.15 -36.59	102.93 3.57 -57.13	105.18 2.46 -74.74	158.02 0.95 -145.60	174.24 2.05 -145.94	159.36 2.56 -125.05	157.73 -0.16 -159.78	101.85 1.13 -87.17	101.99 1.86 -78.66	84.39 2.06 -59.35	77.96 2.82 -46.78

NYS_BARGE___HYD 23848	36.74 0.81 -1.55	18.96 0.47 -0.20	28.48 0.40 -0.29	23.66 0.24 -3.88	22.50 0.33 -2.48	2.38 -0.02 -3.63	3.80 -0.08 -6.42	14.56 0.13 -5.20	28.00 0.12 -3.39	44.38 -0.19 -0.90	42.04 -0.74 -1.29	29.86 -0.62 -2.84	23.61 -0.37 -2.95	41.92 -1.52 14.32	31.01 -1.36 9.86	30.27 -0.60 -2.89	13.22 -0.23 -1.98	30.04 -0.74 -4.53	31.68 -1.33 -1.26	4.99 -0.03 -6.92	19.14 0.04 -5.54	25.86 0.15 -4.24	25.76 0.15 -2.62	29.12 0.04 -0.73
OAK_ORCHARD___HYD 24046	36.70 1.00 -1.32	19.00 0.53 -0.17	28.63 0.60 -0.25	23.21 0.36 -3.30	22.21 0.41 -2.10	1.82 -0.03 -3.08	2.84 -0.07 -5.46	13.82 0.17 -4.42	27.78 0.41 -2.88	45.05 0.62 -0.77	42.95 0.36 -1.09	30.23 0.18 -2.41	23.73 0.20 -2.51	58.12 0.33 -0.02	43.09 -0.04 -0.89	30.57 0.10 -2.49	13.19 0.04 -1.68	30.08 -0.02 -3.85	32.52 -0.30 -1.07	3.94 -0.04 -5.87	18.49 0.22 -4.71	25.49 0.41 -3.60	25.58 0.37 -2.23	29.30 0.33 -0.62
OCC_CHEM___DRP 24175	36.32 0.35 -1.59	18.73 0.23 -0.20	28.14 0.05 -0.30	23.54 0.00 -4.00	22.35 0.10 -2.55	2.50 0.00 -3.74	4.02 -0.05 -6.61	14.60 0.02 -5.35	27.79 -0.19 -3.49	43.83 -0.77 -0.93	41.48 -1.34 -1.32	29.53 -1.03 -2.92	23.37 -0.69 -3.04	39.56 -2.40 15.81	29.26 -2.00 10.96	29.93 -1.02 -2.97	13.10 -0.40 -2.04	29.78 -1.13 -4.67	31.25 -1.79 -1.30	5.22 0.00 -7.12	19.10 -0.16 -5.70	25.67 -0.17 -4.37	25.51 -0.17 -2.70	28.76 -0.35 -0.75
OH_GEN_PROXY 24063	36.55 0.56 -1.61	18.84 0.34 -0.21	28.34 0.25 -0.30	23.71 0.14 -4.03	22.51 0.24 -2.57	2.52 -0.01 -3.77	4.07 -0.06 -6.67	14.71 0.07 -5.40	28.06 0.05 -3.52	44.33 -0.27 -0.94	42.06 -0.77 -1.34	29.92 -0.67 -2.95	23.63 -0.46 -3.07	42.97 -1.66 13.13	31.83 -1.49 8.91	30.30 -0.68 -3.01	13.24 -0.29 -2.06	30.13 -0.83 -4.71	31.68 -1.38 -1.31	5.27 -0.01 -7.18	19.27 -0.04 -5.75	25.92 0.04 -4.40	25.74 0.03 -2.72	29.03 -0.08 -0.76
OLIN_CORP_DRP 24177	36.32 0.35 -1.59	18.73 0.23 -0.20	28.14 0.05 -0.30	23.54 0.00 -4.00	22.35 0.10 -2.55	2.50 0.00 -3.74	4.02 -0.05 -6.61	14.60 0.02 -5.35	27.79 -0.19 -3.49	43.83 -0.77 -0.93	41.48 -1.34 -1.32	29.53 -1.03 -2.92	23.37 -0.69 -3.04	39.56 -2.40 15.81	29.26 -2.00 10.96	29.92 -1.03 -2.97	13.10 -0.40 -2.04	29.78 -1.14 -4.67	31.25 -1.79 -1.30	5.22 0.00 -7.12	19.10 -0.16 -5.70	25.67 -0.17 -4.37	25.51 -0.17 -2.70	28.76 -0.35 -0.75
OLIN_CORP_DSASP 323712	36.32 0.35 -1.59	18.73 0.23 -0.20	28.14 0.05 -0.30	23.54 0.00 -4.00	22.35 0.10 -2.55	2.50 0.00 -3.74	4.02 -0.05 -6.61	14.60 0.02 -5.35	27.79 -0.19 -3.49	43.83 -0.77 -0.93	41.48 -1.34 -1.32	29.53 -1.03 -2.92	23.37 -0.69 -3.04	39.56 -2.40 15.81	29.26 -2.00 10.96	29.93 -1.02 -2.97	13.10 -0.40 -2.04	29.78 -1.13 -4.67	31.25 -1.79 -1.30	5.22 0.00 -7.12	19.10 -0.16 -5.70	25.67 -0.17 -4.37	25.51 -0.17 -2.70	28.76 -0.35 -0.75
ONEIDA_HERK_LFGE 323681	33.81 0.46 1.03	17.64 0.27 0.93	28.15 0.35 0.00	19.78 0.23 0.00	19.93 0.23 0.00	-1.25 -0.01 0.00	-2.58 -0.04 0.00	9.36 0.12 0.00	24.78 0.28 0.00	44.21 0.54 0.00	42.08 0.58 0.00	28.02 0.38 0.00	21.34 0.31 0.00	58.74 0.97 0.00	43.05 0.82 0.00	28.53 0.55 0.00	11.69 0.22 0.00	26.84 0.59 0.00	32.31 0.57 0.00	-1.93 -0.03 0.00	13.78 0.22 0.00	21.84 0.37 0.00	23.31 0.33 0.00	28.73 0.38 0.00
ONONDAGA_REF_OCCRA 23987	36.15 0.64 -1.14	18.77 0.32 -0.15	28.42 0.42 -0.21	22.65 0.26 -2.85	21.76 0.24 -1.82	1.41 -0.02 -2.66	2.13 -0.04 -4.71	13.17 0.12 -3.81	27.31 0.34 -2.48	44.96 0.62 -0.66	43.03 0.59 -0.94	30.10 0.38 -2.08	23.49 0.30 -2.17	58.61 0.82 -0.02	43.54 0.54 -0.77	30.54 0.42 -2.15	13.09 0.17 -1.45	29.93 0.36 -3.33	32.94 0.27 -0.92	3.14 -0.03 -5.07	17.80 0.18 -4.07	24.89 0.30 -3.11	25.15 0.25 -1.92	29.14 0.25 -0.54
ONONDAGA___COGEN 23986	35.99 0.54 -1.07	18.71 0.28 -0.14	28.34 0.35 -0.20	22.44 0.22 -2.68	21.61 0.20 -1.71	1.26 -0.01 -2.51	1.86 -0.03 -4.44	12.93 0.10 -3.59	27.14 0.30 -2.34	44.84 0.55 -0.62	42.90 0.51 -0.89	29.91 0.31 -1.96	23.32 0.25 -2.04	58.49 0.71 -0.02	43.42 0.47 -0.73	30.36 0.36 -2.02	12.98 0.14 -1.37	29.67 0.29 -3.13	32.82 0.21 -0.87	2.85 -0.03 -4.78	17.54 0.16 -3.83	24.67 0.26 -2.93	25.00 0.21 -1.81	29.06 0.21 -0.50
ONTARIO___LFGE 23819	37.35 1.46 -1.51	19.24 0.75 -0.19	29.03 0.96 -0.28	23.92 0.59 -3.79	22.72 0.61 -2.42	2.26 -0.04 -3.54	3.64 -0.09 -6.27	14.58 0.28 -5.07	28.54 0.75 -3.30	45.85 1.30 -0.88	43.93 1.18 -1.26	31.08 0.66 -2.77	24.40 0.50 -2.88	68.59 1.25 -9.57	51.40 0.89 -8.29	31.55 0.70 -2.88	13.70 0.30 -1.93	31.35 0.68 -4.42	33.50 0.52 -1.23	4.78 -0.06 -6.75	19.38 0.41 -5.41	26.33 0.72 -4.14	26.19 0.65 -2.56	29.77 0.70 -0.71
ORANGEVILLE_WT_PWR 323706	37.75 1.50 -1.88	19.30 0.77 -0.24	29.08 0.94 -0.35	24.78 0.53 -4.70	23.20 0.50 -3.00	3.12 -0.04 -4.40	5.16 -0.07 -7.78	15.67 0.14 -6.29	28.93 0.33 -4.10	45.28 0.52 -1.09	43.14 0.09 -1.56	30.88 -0.20 -3.44	24.41 -0.19 -3.58	-6.13 -0.69 63.21	-5.26 -0.66 46.82	31.32 -0.05 -3.39	13.85 -0.01 -2.39	31.69 -0.05 -5.49	32.82 -0.45 -1.52	6.42 -0.05 -8.37	20.60 0.34 -6.71	27.23 0.62 -5.14	26.77 0.62 -3.17	29.90 0.66 -0.88
ORANGEVILLE___ESR 323794	37.75 1.50 -1.88	19.30 0.77 -0.24	29.08 0.94 -0.35	24.78 0.53 -4.70	23.20 0.50 -3.00	3.12 -0.04 -4.40	5.16 -0.07 -7.78	15.67 0.14 -6.29	28.93 0.33 -4.10	45.28 0.52 -1.09	43.14 0.09 -1.56	30.88 -0.20 -3.44	24.41 -0.19 -3.58	-6.13 -0.69 63.21	-5.26 -0.66 46.82	31.32 -0.05 -3.39	13.85 -0.01 -2.39	31.69 -0.05 -5.49	32.82 -0.45 -1.52	6.42 -0.05 -8.37	20.60 0.34 -6.71	27.23 0.62 -5.14	26.77 0.62 -3.17	29.90 0.66 -0.88
OSWEGATCHIE___HYD 24044	24.48 -1.37 8.53	10.06 -0.59 7.65	26.85 -0.94 0.00	18.91 -0.63 0.00	19.03 -0.67 0.00	-1.20 0.04 0.00	-2.46 0.08 0.00	8.92 -0.32 0.00	23.59 -0.90 0.00	42.12 -1.55 0.00	40.17 -1.33 0.00	26.67 -0.97 0.00	20.22 -0.80 0.00	55.97 -1.80 0.00	41.19 -1.04 0.00	27.16 -0.82 0.00	11.16 -0.32 0.00	25.68 -0.56 0.00	31.06 -0.68 0.00	-1.84 0.06 0.00	13.15 -0.41 0.00	20.89 -0.58 0.00	22.44 -0.54 0.00	27.71 -0.64 0.00
OSWEGO___5 23606	34.99 -0.17 -0.78	18.30 -0.10 -0.10	27.74 -0.20 -0.15	21.35 -0.16 -1.97	20.78 -0.17 -1.25	0.61 0.01 -1.84	0.72 0.02 -3.25	11.79 -0.08 -2.63	26.01 -0.20 -1.71	43.76 -0.36 -0.46	41.78 -0.37 -0.65	28.81 -0.27 -1.44	22.32 -0.20 -1.49	57.22 -0.56 -0.01	42.31 -0.45 -0.53	29.20 -0.25 -1.48	12.36 -0.11 -1.00	28.27 -0.27 -2.29	31.96 -0.43 -0.64	1.61 0.02 -3.50	16.24 -0.12 -2.80	23.45 -0.17 -2.14	24.09 -0.22 -1.33	28.41 -0.31 -0.37
OSWEGO___6 23613	34.99 -0.17 -0.78	18.30 -0.10 -0.10	27.74 -0.20 -0.15	21.35 -0.16 -1.97	20.78 -0.17 -1.25	0.61 0.01 -1.84	0.72 0.02 -3.25	11.79 -0.08 -2.63	26.01 -0.20 -1.71	43.76 -0.36 -0.46	41.78 -0.37 -0.65	28.81 -0.27 -1.44	22.32 -0.20 -1.49	57.22 -0.56 -0.01	42.31 -0.45 -0.53	29.20 -0.25 -1.48	12.36 -0.11 -1.00	28.27 -0.27 -2.29	31.96 -0.43 -0.64	1.61 0.02 -3.50	16.24 -0.12 -2.80	23.45 -0.17 -2.14	24.09 -0.22 -1.33	28.41 -0.31 -0.37

OUTOKUMPU-AB___DRP 24206	37.19 1.21 -1.60	19.17 0.67 -0.21	28.79 0.69 -0.30	24.00 0.44 -4.02	22.78 0.52 -2.56	2.49 -0.03 -3.76	4.01 -0.10 -6.65	14.82 0.21 -5.38	28.37 0.37 -3.50	44.93 0.33 -0.93	42.56 -0.26 -1.33	30.26 -0.31 -2.94	23.92 -0.16 -3.06	39.86 -0.93 16.97	29.46 -0.93 11.84	30.67 -0.29 -2.99	13.40 -0.11 -2.05	30.49 -0.45 -4.69	32.08 -0.97 -1.30	5.21 -0.05 -7.16	19.47 0.18 -5.73	26.24 0.37 -4.39	26.08 0.39 -2.71	29.43 0.32 -0.76
OXBOW____ 24026	36.81 0.84 -1.60	18.98 0.48 -0.20	28.51 0.42 -0.30	23.80 0.25 -4.01	22.60 0.34 -2.56	2.49 -0.02 -3.75	4.01 -0.08 -6.63	14.73 0.13 -5.36	28.12 0.13 -3.50	44.45 -0.15 -0.93	42.09 -0.74 -1.33	29.95 -0.63 -2.93	23.69 -0.39 -3.05	39.79 -1.58 16.40	29.44 -1.39 11.40	30.35 -0.61 -2.98	13.27 -0.24 -2.04	30.18 -0.75 -4.68	31.72 -1.32 -1.30	5.21 -0.03 -7.14	19.31 0.03 -5.72	25.99 0.14 -4.38	25.83 0.15 -2.71	29.14 0.03 -0.75
OXY_CHEM_DSASP 323612	36.32 0.35 -1.59	18.73 0.23 -0.20	28.14 0.05 -0.30	23.54 0.00 -4.00	22.35 0.10 -2.55	2.50 0.00 -3.74	4.02 -0.05 -6.61	14.60 0.02 -5.35	27.79 -0.19 -3.49	43.83 -0.77 -0.93	41.48 -1.34 -1.32	29.53 -1.03 -2.92	23.37 -0.69 -3.04	39.56 -2.40 15.81	29.26 -2.00 10.96	29.93 -1.02 -2.97	13.10 -0.40 -2.04	29.78 -1.13 -4.67	31.25 -1.79 -1.30	5.22 0.00 -7.12	19.10 -0.16 -5.70	25.67 -0.17 -4.37	25.51 -0.17 -2.70	28.76 -0.35 -0.75
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	36.32 0.35 -1.59	18.73 0.23 -0.20	28.14 0.05 -0.30	23.54 0.00 -4.00	22.35 0.10 -2.55	2.50 0.00 -3.74	4.02 -0.05 -6.61	14.60 0.02 -5.35	27.79 -0.19 -3.49	43.83 -0.77 -0.93	41.48 -1.34 -1.32	29.53 -1.03 -2.92	23.37 -0.69 -3.04	39.56 -2.40 15.81	29.26 -2.00 10.96	29.93 -1.02 -2.97	13.10 -0.40 -2.04	29.78 -1.13 -4.67	31.25 -1.79 -1.30	5.22 0.00 -7.12	19.10 -0.16 -5.70	25.67 -0.17 -4.37	25.51 -0.17 -2.70	28.76 -0.35 -0.75
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	77.46 3.33 -39.75	66.91 1.69 -46.92	66.58 2.81 -35.98	46.10 1.89 -24.67	37.23 1.81 -15.72	21.71 -0.11 -23.06	38.03 -0.23 -40.80	43.09 0.84 -33.01	51.28 2.34 -24.45	58.49 4.19 -10.63	60.41 3.92 -14.99	79.98 2.65 -49.69	80.29 2.04 -57.23	99.55 5.20 -36.59	102.97 3.61 -57.13	105.22 2.50 -74.74	158.05 0.97 -145.60	174.33 2.15 -145.94	159.43 2.63 -125.05	157.72 -0.16 -159.78	101.89 1.17 -87.17	102.05 1.92 -78.66	84.43 2.10 -59.35	77.93 2.80 -46.78
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	77.69 3.57 -39.75	67.03 1.82 -46.92	66.81 3.04 -35.98	46.27 2.06 -24.67	37.41 1.99 -15.72	21.70 -0.12 -23.06	38.01 -0.25 -40.80	43.16 0.92 -33.01	51.44 2.49 -24.45	58.79 4.49 -10.63	60.55 4.06 -14.99	80.12 2.79 -49.69	80.35 2.10 -57.23	99.69 5.33 -36.59	103.03 3.68 -57.13	105.23 2.51 -74.74	158.06 0.99 -145.60	174.35 2.17 -145.94	159.50 2.70 -125.05	157.72 -0.16 -159.78	101.91 1.18 -87.17	102.11 1.98 -78.66	84.49 2.16 -59.35	78.09 2.96 -46.78
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.09 2.07 -1.64	19.60 1.10 -0.21	29.43 1.33 -0.31	24.51 0.85 -4.12	23.25 0.93 -2.63	2.55 -0.06 -3.85	4.12 -0.15 -6.81	15.14 0.39 -5.51	29.03 0.94 -3.59	46.05 1.43 -0.96	43.71 0.85 -1.36	31.07 0.42 -3.01	24.54 0.39 -3.13	39.38 0.63 19.02	29.02 0.16 13.37	31.47 0.43 -3.06	13.75 0.18 -2.10	31.30 0.24 -4.81	32.94 -0.14 -1.34	5.35 -0.09 -7.33	19.95 0.52 -5.88	26.90 0.93 -4.50	26.69 0.93 -2.78	30.09 0.96 -0.77
PAWLING_115_KV_BK3_REV_LBMP_H 345028	77.83 3.36 -40.09	66.98 1.73 -46.95	67.05 2.71 -36.54	46.50 1.84 -25.12	37.49 1.79 -16.01	22.12 -0.12 -23.47	38.78 -0.22 -41.54	43.68 0.84 -33.60	51.70 2.32 -24.89	58.67 4.19 -10.81	60.79 4.05 -15.24	80.90 2.78 -50.47	81.29 2.12 -58.15	100.51 5.60 -37.15	104.24 3.99 -58.02	106.73 2.82 -75.93	160.51 1.17 -147.86	177.10 2.61 -148.25	161.86 3.14 -126.98	160.25 -0.19 -162.34	103.46 1.31 -88.60	103.46 2.05 -79.94	85.42 2.14 -60.30	78.52 2.66 -47.51
PEEKSKILL____ 23653	76.42 2.99 -39.04	65.87 1.54 -46.03	65.54 2.53 -35.22	45.66 1.72 -24.40	36.92 1.67 -15.55	21.46 -0.11 -22.80	37.60 -0.21 -40.35	42.65 0.77 -32.64	50.74 2.10 -24.15	57.87 3.74 -10.46	59.82 3.57 -14.75	78.86 2.42 -48.80	79.07 1.86 -56.18	98.41 4.86 -35.79	101.59 3.41 -55.95	103.67 2.38 -73.31	155.00 0.97 -142.56	171.44 2.13 -143.06	156.70 2.55 -122.40	154.70 -0.16 -156.76	100.31 1.11 -85.64	100.46 1.76 -77.23	83.10 1.89 -58.23	76.59 2.43 -45.81
PGE MADISON___WINDPWR 24146	40.47 3.07 -3.02	20.32 1.64 -0.39	30.73 2.38 -0.56	28.65 1.54 -7.57	26.04 1.52 -4.82	5.73 -0.10 -7.07	9.76 -0.21 -12.52	20.09 0.73 -10.12	33.01 1.92 -6.60	48.84 3.41 -1.76	47.59 3.58 -2.51	35.49 2.32 -5.53	28.39 1.61 -5.75	65.87 4.73 -3.38	50.24 3.43 -4.58	35.99 2.31 -5.71	16.27 0.95 -3.85	37.22 2.14 -8.83	36.88 2.68 -2.45	11.40 -0.17 -13.47	25.33 0.97 -10.80	31.49 1.76 -8.26	29.75 1.66 -5.11	31.70 1.92 -1.42
PIERCEFIELD___HYD 23852	19.15 -2.37 12.86	5.63 -1.13 11.54	26.06 -1.73 0.00	18.38 -1.16 0.00	18.49 -1.21 0.00	-1.16 0.07 0.00	-2.39 0.15 0.00	8.64 -0.59 0.00	22.88 -1.62 0.00	40.87 -2.80 0.00	39.20 -2.29 0.00	25.98 -1.66 0.00	19.68 -1.34 0.00	54.58 -3.19 0.00	40.13 -2.10 0.00	26.39 -1.59 0.00	10.84 -0.63 0.00	24.89 -1.36 0.00	30.31 -1.44 0.00	-1.79 0.11 0.00	12.76 -0.80 0.00	20.23 -1.24 0.00	21.93 -1.05 0.00	27.09 -1.27 0.00
PINELAWN_CC_1 323563	77.59 3.45 -39.76	67.05 1.82 -46.93	90.80 3.18 -59.83	46.84 2.17 -25.12	37.53 2.11 -15.73	21.69 -0.14 -23.06	38.04 -0.23 -40.81	43.10 0.85 -33.02	51.29 2.33 -24.46	58.58 4.27 -10.64	137.52 4.11 -91.91	160.41 2.65 -130.13	165.03 2.02 -141.99	173.79 5.06 -110.96	273.45 3.64 -227.58	443.37 2.46 -412.94	401.43 1.03 -388.93	459.99 2.21 -431.54	506.23 2.70 -471.78	358.07 -0.17 -360.14	411.88 1.25 -397.07	378.89 1.99 -355.43	327.80 2.32 -302.49	95.35 2.97 -64.02
PJM_GEN_HTP_PROXY 323702	77.36 3.25 -39.73	66.87 1.67 -46.90	66.55 2.79 -35.97	46.09 1.88 -24.67	37.25 1.83 -15.72	21.70 -0.12 -23.05	38.02 -0.23 -40.79	43.09 0.86 -33.00	51.28 2.35 -24.45	58.52 4.23 -10.63	60.49 4.01 -14.99	80.00 2.69 -49.67	80.28 2.05 -57.21	99.64 5.31 -36.57	102.18 3.66 -56.29	105.19 2.51 -74.71	158.03 1.00 -145.55	174.29 2.18 -145.87	159.34 2.61 -124.98	157.65 -0.16 -159.71	100.67 1.17 -85.95	102.01 1.91 -78.63	84.37 2.07 -59.32	77.77 2.66 -46.76
PJM_GEN_KEystone 24065	55.07 1.99 -18.71	40.16 1.05 -20.81	45.47 1.58 -16.10	34.44 1.03 -13.87	29.58 1.05 -8.84	11.65 -0.07 -12.96	20.25 -0.14 -22.93	28.27 0.48 -18.55	39.15 1.26 -13.39	51.13 2.08 -5.38	51.01 1.91 -7.60	52.95 1.19 -24.12	49.44 0.89 -27.52	72.54 2.22 -12.55	66.12 1.44 -22.46	64.35 1.16 -35.21	77.70 0.47 -65.77	95.09 0.99 -67.86	88.82 0.95 -56.13	73.80 -0.09 -75.79	55.67 0.59 -41.52	60.45 1.03 -37.96	52.23 1.06 -28.19	50.86 1.32 -21.20
PJM_GEN_NEPTUNE_PROXY 323594	77.62 3.48 -39.76	67.08 1.85 -46.93	90.79 3.17 -59.83	46.84 2.17 -25.12	37.54 2.12 -15.73	21.69 -0.14 -23.06	38.04 -0.23 -40.81	43.12 0.87 -33.02	51.35 2.40 -24.46	58.68 4.37 -10.64	137.71 4.31 -91.91	160.65 2.88 -130.13	165.16 2.15 -141.99	174.23 5.50 -110.96	272.90 3.90 -226.77	443.56 2.64 -412.94	401.52 1.10 -388.95	460.15 2.36 -431.54	506.39 2.86 -471.78	358.07 -0.18 -360.14	410.75 1.30 -395.89	378.98 2.08 -355.43	327.82 2.35 -302.49	95.37 3.00 -64.02

PJM_GEN_VFT_PROXY 323633	74.93 3.14 -37.41	66.82 1.61 -46.91	66.46 2.69 -35.98	46.07 1.86 -24.67	37.22 1.81 -15.72	21.70 -0.12 -23.06	38.03 -0.22 -40.80	43.09 0.84 -33.00	51.27 2.33 -24.45	58.50 4.20 -10.63	60.42 3.94 -14.99	77.42 2.63 -47.15	78.12 2.01 -55.09	85.50 5.13 -22.60	87.30 3.47 -41.60	88.11 2.36 -57.77	89.14 0.92 -76.76	110.87 1.99 -82.64	103.40 2.39 -69.27	88.11 -0.15 -90.16	86.93 1.10 -72.27	88.11 1.82 -64.82	81.88 1.98 -56.92	77.31 2.56 -46.40
PLEASANTVLY___LBMP 24000	80.35 2.67 -43.30	70.89 1.39 -51.20	70.17 2.20 -40.18	46.94 1.49 -25.91	37.66 1.45 -16.51	22.89 -0.09 -24.22	40.13 -0.18 -42.85	44.57 0.67 -34.67	52.20 1.82 -25.89	58.40 3.22 -11.51	60.74 3.02 -16.22	84.12 2.05 -54.43	85.41 1.57 -62.81	102.84 4.10 -40.97	108.62 2.86 -63.53	112.41 2.01 -82.42	174.53 0.84 -162.22	189.54 1.84 -161.45	173.47 2.21 -139.51	173.87 -0.14 -175.90	109.69 0.96 -95.18	109.20 1.50 -86.23	89.89 1.59 -65.31	82.48 2.04 -52.08
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	77.75 3.08 -40.29	67.38 1.59 -47.49	67.04 2.58 -36.66	46.22 1.75 -24.93	37.27 1.69 -15.89	21.96 -0.11 -23.30	38.48 -0.21 -41.23	43.38 0.79 -33.36	51.37 2.14 -24.74	58.31 3.86 -10.79	60.38 3.68 -15.21	80.61 2.49 -50.48	81.10 1.91 -58.17	100.04 4.98 -37.29	103.88 3.48 -58.17	106.42 2.42 -76.02	160.76 0.99 -148.29	176.91 2.18 -148.49	161.74 2.61 -127.38	160.41 -0.16 -162.47	103.23 1.14 -88.53	103.21 1.80 -79.94	85.26 1.94 -60.34	78.47 2.47 -47.64
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	77.53 3.14 -40.01	66.58 1.63 -46.65	66.77 2.51 -36.47	46.56 1.70 -25.32	37.48 1.65 -16.14	22.32 -0.10 -23.66	39.13 -0.21 -41.88	43.89 0.77 -33.88	51.66 2.11 -25.06	58.28 3.76 -10.85	60.39 3.60 -15.29	80.65 2.48 -50.52	81.09 1.87 -58.20	99.75 4.93 -37.05	103.69 3.51 -57.95	106.42 2.50 -75.95	160.17 1.07 -147.63	176.82 2.39 -148.18	161.40 2.91 -126.74	160.33 -0.18 -162.41	103.53 1.22 -88.75	103.38 1.88 -80.03	85.26 1.95 -60.33	78.22 2.43 -47.44
POLETTI____ 23519	77.34 3.21 -39.74	66.86 1.65 -46.91	66.54 2.77 -35.98	46.12 1.90 -24.67	37.26 1.85 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.10 0.86 -33.00	51.31 2.36 -24.45	58.57 4.27 -10.63	60.50 4.01 -14.99	79.99 2.67 -49.68	80.29 2.04 -57.22	99.59 5.25 -36.58	102.94 3.59 -57.12	105.15 2.45 -74.73	158.02 0.97 -145.58	174.25 2.09 -145.91	159.29 2.52 -125.02	157.70 -0.15 -159.75	101.85 1.14 -87.15	102.00 1.88 -78.65	84.37 2.04 -59.34	77.76 2.63 -46.77
PORT_JEFF_3 23555	77.63 3.49 -39.76	67.11 1.89 -46.93	90.93 3.31 -59.83	46.95 2.28 -25.12	37.66 2.23 -15.73	21.68 -0.15 -23.06	38.03 -0.24 -40.81	43.12 0.87 -33.02	51.36 2.40 -24.46	58.78 4.48 -10.64	137.78 4.38 -91.91	160.64 2.87 -130.13	165.10 2.09 -141.99	174.01 5.28 -110.96	273.58 3.77 -227.58	443.39 2.47 -412.94	401.44 1.04 -388.93	459.94 2.15 -431.54	506.20 2.66 -471.78	358.07 -0.17 -360.14	411.92 1.29 -397.07	378.91 2.01 -355.43	327.81 2.34 -302.49	95.41 3.04 -64.02
PORT_JEFF_4 23616	77.63 3.49 -39.76	67.11 1.89 -46.93	90.93 3.31 -59.83	46.95 2.28 -25.12	37.66 2.23 -15.73	21.68 -0.15 -23.06	38.03 -0.24 -40.81	43.12 0.87 -33.02	51.36 2.40 -24.46	58.78 4.48 -10.64	137.78 4.38 -91.91	160.64 2.87 -130.13	165.10 2.09 -141.99	174.01 5.28 -110.96	273.58 3.77 -227.58	443.39 2.47 -412.94	401.44 1.04 -388.93	459.94 2.15 -431.54	506.20 2.66 -471.78	358.07 -0.17 -360.14	411.92 1.29 -397.07	378.91 2.01 -355.43	327.81 2.34 -302.49	95.41 3.04 -64.02
PORT_JEFF_IC 23713	77.77 3.63 -39.76	67.17 1.95 -46.93	91.01 3.39 -59.83	47.00 2.34 -25.12	37.71 2.29 -15.73	21.67 -0.15 -23.06	38.03 -0.24 -40.81	43.15 0.89 -33.02	51.44 2.49 -24.46	58.99 4.69 -10.64	138.00 4.60 -91.91	160.74 2.98 -130.13	165.16 2.14 -141.99	174.19 5.47 -110.96	273.72 3.91 -227.58	443.49 2.57 -412.94	401.48 1.09 -388.93	460.02 2.24 -431.54	506.30 2.77 -471.78	358.07 -0.18 -360.14	411.95 1.32 -397.07	378.97 2.06 -355.43	327.95 2.48 -302.49	95.56 3.18 -64.02
PPL PILGRIM_ST_GT1 24216	77.88 3.73 -39.76	67.21 1.98 -46.93	91.04 3.42 -59.83	47.02 2.35 -25.12	37.72 2.29 -15.73	21.68 -0.15 -23.06	38.02 -0.25 -40.81	43.17 0.91 -33.02	51.48 2.53 -24.46	58.96 4.66 -10.64	137.88 4.48 -91.91	160.51 2.75 -130.13	165.10 2.09 -141.99	174.00 5.27 -110.96	273.59 3.78 -227.58	443.45 2.53 -412.94	401.47 1.07 -388.93	460.04 2.25 -431.54	506.29 2.76 -471.78	358.07 -0.18 -360.14	411.94 1.31 -397.07	378.94 2.03 -355.43	327.80 2.32 -302.49	95.57 3.20 -64.02
PPL PILGRIM_ST_GT2 24217	77.88 3.73 -39.76	67.21 1.98 -46.93	91.04 3.42 -59.83	47.02 2.35 -25.12	37.72 2.29 -15.73	21.68 -0.15 -23.06	38.02 -0.25 -40.81	43.17 0.91 -33.02	51.48 2.53 -24.46	58.96 4.66 -10.64	137.88 4.48 -91.91	160.51 2.75 -130.13	165.10 2.09 -141.99	174.00 5.27 -110.96	273.59 3.78 -227.58	443.45 2.53 -412.94	401.47 1.07 -388.93	460.04 2.25 -431.54	506.29 2.76 -471.78	358.07 -0.18 -360.14	411.94 1.31 -397.07	378.94 2.03 -355.43	327.80 2.32 -302.49	95.57 3.20 -64.02
PPL_SHRM_GT3 24213	78.00 3.86 -39.76	67.27 2.04 -46.93	91.11 3.49 -59.83	47.07 2.41 -25.12	37.76 2.34 -15.73	21.67 -0.16 -23.06	38.02 -0.25 -40.81	43.19 0.93 -33.02	51.55 2.60 -24.46	59.14 4.84 -10.64	138.13 4.73 -91.91	160.93 3.16 -130.13	165.38 2.37 -141.99	174.80 6.07 -110.96	273.97 4.16 -227.58	443.48 2.57 -412.94	401.36 0.96 -388.93	459.85 2.07 -431.54	506.20 2.68 -471.78	358.06 -0.18 -360.14	412.15 1.52 -397.07	379.27 2.36 -355.43	328.08 2.61 -302.49	95.71 3.34 -64.02
PPL_SHRM_GT4 24214	78.00 3.86 -39.76	67.27 2.04 -46.93	91.11 3.49 -59.83	47.07 2.41 -25.12	37.76 2.34 -15.73	21.67 -0.16 -23.06	38.02 -0.25 -40.81	43.19 0.93 -33.02	51.55 2.60 -24.46	59.14 4.84 -10.64	138.13 4.73 -91.91	160.93 3.16 -130.13	165.38 2.37 -141.99	174.80 6.07 -110.96	273.97 4.16 -227.58	443.48 2.57 -412.94	401.36 0.96 -388.93	459.85 2.07 -431.54	506.20 2.68 -471.78	358.06 -0.18 -360.14	412.15 1.52 -397.07	379.27 2.36 -355.43	328.08 2.61 -302.49	95.71 3.34 -64.02
PROJECT___ORANGE 1 24174	35.75 0.44 -0.93	18.64 0.22 -0.12	28.22 0.26 -0.17	22.03 0.15 -2.34	21.33 0.14 -1.49	0.94 -0.01 -2.19	1.30 -0.02 -3.87	12.43 0.07 -3.13	26.74 0.21 -2.04	44.58 0.37 -0.54	42.61 0.34 -0.77	29.56 0.21 -1.71	22.98 0.18 -1.78	58.26 0.47 -0.02	43.14 0.28 -0.63	29.98 0.24 -1.76	12.76 0.10 -1.19	29.15 0.18 -2.73	32.57 0.07 -0.76	2.25 -0.02 -4.16	17.00 0.10 -3.33	24.20 0.17 -2.55	24.68 0.12 -1.58	28.88 0.09 -0.44
PROJECT___ORANGE 2 24166	35.75 0.44 -0.93	18.64 0.22 -0.12	28.22 0.26 -0.17	22.03 0.15 -2.34	21.33 0.14 -1.49	0.94 -0.01 -2.19	1.30 -0.02 -3.87	12.43 0.07 -3.13	26.74 0.21 -2.04	44.58 0.37 -0.54	42.61 0.34 -0.77	29.56 0.21 -1.71	22.98 0.18 -1.78	58.26 0.47 -0.02	43.14 0.28 -0.63	29.98 0.24 -1.76	12.76 0.10 -1.19	29.15 0.18 -2.73	32.57 0.07 -0.76	2.25 -0.02 -4.16	17.00 0.10 -3.33	24.20 0.17 -2.55	24.68 0.12 -1.58	28.88 0.09 -0.44
PYRITES___HYD 24023	19.35 -1.81 13.22	5.61 -0.83 11.86	26.51 -1.28 0.00	18.71 -0.84 0.00	18.84 -0.86 0.00	-1.18 0.05 0.00	-2.44 0.11 0.00	8.81 -0.43 0.00	23.34 -1.16 0.00	41.70 -1.97 0.00	40.01 -1.49 0.00	26.53 -1.11 0.00	20.10 -0.92 0.00	55.71 -2.06 0.00	40.97 -1.26 0.00	26.95 -1.02 0.00	11.08 -0.39 0.00	25.40 -0.84 0.00	30.95 -0.79 0.00	-1.83 0.07 0.00	13.04 -0.52 0.00	20.65 -0.82 0.00	22.33 -0.65 0.00	27.53 -0.82 0.00



RAMAPO____LBMP 323565	74.47 2.88 -37.21	63.27 1.48 -43.50	63.66 2.42 -33.45	44.98 1.64 -23.80	36.46 1.59 -15.17	20.91 -0.10 -22.24	36.62 -0.20 -39.36	41.81 0.73 -31.84	49.96 1.98 -23.48	57.23 3.49 -10.08	59.04 3.33 -14.21	76.68 2.28 -46.76	76.57 1.76 -53.79	96.29 4.57 -33.95	98.72 3.24 -53.25	100.29 2.28 -70.03	147.97 0.94 -135.56	164.77 2.07 -136.46	150.51 2.45 -116.31	147.81 -0.15 -149.86	96.79 1.06 -82.17	97.11 1.66 -73.98	80.45 1.79 -55.68	74.24 2.31 -43.57
RANKINE____ 23646	37.55 1.51 -1.67	19.33 0.83 -0.21	29.04 0.94 -0.31	24.30 0.58 -4.18	23.02 0.66 -2.66	2.62 -0.05 -3.91	4.26 -0.11 -6.91	15.09 0.26 -5.59	28.70 0.56 -3.64	45.36 0.72 -0.97	43.07 0.19 -1.38	30.65 -0.04 -3.06	24.22 0.02 -3.18	36.42 -0.33 21.02	26.86 -0.49 14.88	31.11 0.03 -3.10	13.62 0.02 -2.13	31.00 -0.13 -4.88	32.54 -0.57 -1.36	5.48 -0.06 -7.44	19.83 0.31 -5.96	26.65 0.61 -4.57	26.42 0.62 -2.82	29.75 0.61 -0.79
RAVENSWOOD_GT2_1 24244	77.39 3.26 -39.75	66.89 1.68 -46.92	66.55 2.78 -35.98	46.12 1.90 -24.67	37.26 1.85 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.10 0.86 -33.01	51.30 2.36 -24.45	58.56 4.26 -10.63	60.51 4.02 -14.99	80.02 2.70 -49.69	80.31 2.06 -57.23	99.66 5.30 -36.59	103.01 3.64 -57.13	105.21 2.49 -74.74	158.07 0.99 -145.60	174.34 2.16 -145.94	159.38 2.59 -125.04	157.72 -0.16 -159.78	101.89 1.16 -87.17	102.04 1.91 -78.66	84.41 2.08 -59.35	77.81 2.68 -46.78
RAVENSWOOD_GT2_2 24245	77.39 3.26 -39.75	66.89 1.68 -46.92	66.55 2.78 -35.98	46.12 1.90 -24.67	37.26 1.85 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.10 0.86 -33.01	51.30 2.36 -24.45	58.56 4.26 -10.63	60.51 4.02 -14.99	80.02 2.70 -49.69	80.31 2.06 -57.23	99.66 5.30 -36.59	103.01 3.64 -57.13	105.21 2.49 -74.74	158.07 0.99 -145.60	174.34 2.16 -145.94	159.38 2.59 -125.04	157.72 -0.16 -159.78	101.89 1.16 -87.17	102.04 1.91 -78.66	84.41 2.08 -59.35	77.81 2.68 -46.78
RAVENSWOOD_GT2_3 24246	77.41 3.28 -39.75	66.90 1.68 -46.92	66.58 2.80 -35.98	46.12 1.91 -24.67	37.27 1.85 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.86 -33.01	51.32 2.38 -24.45	58.58 4.28 -10.63	60.54 4.05 -14.99	80.04 2.71 -49.69	80.33 2.08 -57.23	99.70 5.35 -36.59	103.04 3.68 -57.13	105.23 2.52 -74.74	158.08 1.00 -145.60	174.35 2.18 -145.94	159.41 2.61 -125.04	157.72 -0.16 -159.78	101.90 1.17 -87.17	102.06 1.92 -78.66	84.42 2.09 -59.35	77.83 2.70 -46.78
RAVENSWOOD_GT2_4 24247	77.41 3.28 -39.75	66.90 1.68 -46.92	66.58 2.80 -35.98	46.12 1.91 -24.67	37.27 1.85 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.86 -33.01	51.32 2.38 -24.45	58.58 4.28 -10.63	60.54 4.05 -14.99	80.04 2.71 -49.69	80.33 2.08 -57.23	99.70 5.35 -36.59	103.04 3.68 -57.13	105.23 2.52 -74.74	158.08 1.00 -145.60	174.35 2.18 -145.94	159.41 2.61 -125.04	157.72 -0.16 -159.78	101.90 1.17 -87.17	102.06 1.92 -78.66	84.42 2.09 -59.35	77.83 2.70 -46.78
RAVENSWOOD_GT3_1 24248	77.39 3.26 -39.75	66.89 1.67 -46.92	66.55 2.77 -35.98	46.12 1.90 -24.67	37.26 1.84 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.10 0.86 -33.01	51.30 2.36 -24.45	58.56 4.26 -10.63	60.51 4.02 -14.99	80.02 2.70 -49.69	80.31 2.06 -57.23	99.66 5.31 -36.59	103.01 3.64 -57.13	105.21 2.49 -74.74	158.07 0.99 -145.60	174.34 2.16 -145.94	159.38 2.59 -125.04	157.72 -0.16 -159.78	101.89 1.16 -87.17	102.05 1.92 -78.66	84.41 2.08 -59.35	77.81 2.68 -46.78
RAVENSWOOD_GT3_2 24249	77.39 3.26 -39.75	66.89 1.67 -46.92	66.55 2.77 -35.98	46.12 1.90 -24.67	37.26 1.84 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.10 0.86 -33.01	51.30 2.36 -24.45	58.56 4.26 -10.63	60.51 4.02 -14.99	80.02 2.70 -49.69	80.31 2.06 -57.23	99.66 5.31 -36.59	103.01 3.64 -57.13	105.21 2.49 -74.74	158.07 0.99 -145.60	174.34 2.16 -145.94	159.38 2.59 -125.04	157.72 -0.16 -159.78	101.89 1.16 -87.17	102.05 1.92 -78.66	84.41 2.08 -59.35	77.81 2.68 -46.78
RAVENSWOOD_GT3_3 24250	77.45 3.33 -39.75	66.93 1.71 -46.92	66.61 2.83 -35.98	46.15 1.93 -24.67	37.29 1.87 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.12 0.88 -33.01	51.35 2.40 -24.45	58.64 4.34 -10.63	60.60 4.11 -14.99	80.08 2.75 -49.69	80.36 2.10 -57.23	99.79 5.44 -36.59	103.11 3.75 -57.13	105.28 2.56 -74.74	158.09 1.01 -145.60	174.40 2.22 -145.94	159.45 2.66 -125.04	157.71 -0.16 -159.78	101.92 1.20 -87.17	102.09 1.96 -78.66	84.46 2.13 -59.35	77.86 2.73 -46.78
RAVENSWOOD_GT3_4 24251	77.45 3.33 -39.75	66.93 1.71 -46.92	66.61 2.83 -35.98	46.15 1.93 -24.67	37.29 1.87 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.12 0.88 -33.01	51.35 2.40 -24.45	58.64 4.34 -10.63	60.60 4.11 -14.99	80.08 2.75 -49.69	80.36 2.10 -57.23	99.79 5.44 -36.59	103.11 3.75 -57.13	105.28 2.56 -74.74	158.09 1.01 -145.60	174.40 2.22 -145.94	159.45 2.66 -125.04	157.71 -0.16 -159.78	101.92 1.20 -87.17	102.09 1.96 -78.66	84.46 2.13 -59.35	77.86 2.73 -46.78
RAVENSWOOD_GT_1 23729	77.47 3.34 -39.75	66.92 1.71 -46.92	66.62 2.84 -35.98	46.16 1.94 -24.67	37.30 1.88 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.13 0.88 -33.01	51.37 2.42 -24.45	58.69 4.39 -10.63	60.62 4.13 -14.99	80.07 2.74 -49.69	80.35 2.10 -57.23	99.73 5.38 -36.59	103.00 3.64 -57.13	105.19 2.48 -74.74	158.05 0.97 -145.60	174.30 2.12 -145.94	159.33 2.54 -125.04	157.72 -0.16 -159.78	101.87 1.15 -87.17	102.06 1.93 -78.66	84.45 2.11 -59.35	87.93 2.79 -56.79
RAVENSWOOD_GT_10 24258	77.39 3.26 -39.75	66.89 1.67 -46.92	66.55 2.77 -35.98	46.12 1.90 -24.67	37.26 1.84 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.10 0.86 -33.01	51.30 2.35 -24.45	58.56 4.26 -10.63	60.52 4.03 -14.99	80.02 2.70 -49.69	80.31 2.06 -57.23	99.67 5.32 -36.59	103.02 3.65 -57.13	105.22 2.50 -74.74	158.07 0.99 -145.60	174.30 2.12 -145.94	159.37 2.58 -125.04	157.72 -0.16 -159.78	101.89 1.16 -87.17	102.05 1.92 -78.66	84.41 2.08 -59.35	79.05 2.67 -48.02
RAVENSWOOD_GT_11 24259	77.39 3.26 -39.75	66.89 1.67 -46.92	66.55 2.77 -35.98	46.12 1.90 -24.67	37.26 1.84 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.10 0.86 -33.01	51.30 2.35 -24.45	58.56 4.26 -10.63	60.52 4.03 -14.99	80.02 2.70 -49.69	80.31 2.06 -57.23	99.67 5.32 -36.59	103.02 3.65 -57.13	105.22 2.50 -74.74	158.07 0.99 -145.60	174.30 2.12 -145.94	159.37 2.58 -125.04	157.72 -0.16 -159.78	101.89 1.16 -87.17	102.05 1.92 -78.66	84.41 2.08 -59.35	79.05 2.67 -48.02
RAVENSWOOD_GT_4 24252	77.39 3.26 -39.75	66.89 1.68 -46.92	66.56 2.78 -35.98	46.12 1.90 -24.67	37.26 1.85 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.10 0.86 -33.01	51.30 2.36 -24.45	58.56 4.26 -10.63	60.52 4.03 -14.99	80.03 2.70 -49.69	80.31 2.06 -57.23	99.68 5.33 -36.59	103.03 3.67 -57.13	105.23 2.51 -74.74	158.08 1.00 -145.60	174.36 2.18 -145.94	159.41 2.61 -125.04	157.72 -0.16 -159.78	101.89 1.17 -87.17	102.05 1.92 -78.66	84.42 2.09 -59.35	85.28 2.68 -54.24
RAVENSWOOD_GT_5 24254	77.39 3.26 -39.75	66.89 1.68 -46.92	66.56 2.78 -35.98	46.12 1.90 -24.67	37.26 1.85 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.10 0.86 -33.01	51.30 2.36 -24.45	58.56 4.26 -10.63	60.52 4.03 -14.99	80.03 2.70 -49.69	80.31 2.06 -57.23	99.68 5.33 -36.59	103.03 3.67 -57.13	105.23 2.51 -74.74	158.08 1.00 -145.60	174.36 2.18 -145.94	159.41 2.61 -125.04	157.72 -0.16 -159.78	101.89 1.17 -87.17	102.05 1.92 -78.66	84.42 2.09 -59.35	85.28 2.68 -54.24

RAVENSWOOD_GT_6 24253	77.39 3.26 -39.75	66.89 1.68 -46.92	66.56 2.78 -35.98	46.12 1.90 -24.67	37.26 1.85 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.10 0.86 -33.01	51.30 2.36 -24.45	58.56 4.26 -10.63	60.52 4.03 -14.99	80.03 2.70 -49.69	80.31 2.06 -57.23	99.68 5.33 -36.59	103.03 3.67 -57.13	105.23 2.51 -74.74	158.08 1.00 -145.60	174.36 2.18 -145.94	159.41 2.61 -125.04	157.72 -0.16 -159.78	101.89 1.17 -87.17	102.05 1.92 -78.66	84.42 2.09 -59.35	85.28 2.68 -54.24
RAVENSWOOD_GT_7 24255	77.39 3.26 -39.75	66.89 1.68 -46.92	66.56 2.78 -35.98	46.12 1.90 -24.67	37.26 1.85 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.10 0.86 -33.01	51.30 2.36 -24.45	58.56 4.26 -10.63	60.52 4.03 -14.99	80.03 2.70 -49.69	80.31 2.06 -57.23	99.68 5.33 -36.59	103.03 3.67 -57.13	105.23 2.51 -74.74	158.08 1.00 -145.60	174.36 2.18 -145.94	159.41 2.61 -125.04	157.72 -0.16 -159.78	101.89 1.17 -87.17	102.05 1.92 -78.66	84.42 2.09 -59.35	85.28 2.68 -54.24
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	77.39 3.26 -39.75	66.89 1.67 -46.92	66.55 2.77 -35.98	46.12 1.90 -24.67	37.26 1.84 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.10 0.86 -33.01	51.30 2.35 -24.45	58.56 4.26 -10.63	60.52 4.03 -14.99	80.02 2.70 -49.69	80.31 2.06 -57.23	99.67 5.32 -36.59	103.02 3.65 -57.13	105.22 2.50 -74.74	158.07 0.99 -145.60	174.30 2.12 -145.94	159.37 2.58 -125.04	157.72 -0.16 -159.78	101.89 1.16 -87.17	102.05 1.92 -78.66	84.41 2.08 -59.35	79.05 2.67 -48.02
RAVENSWOOD_GT_9 24257	77.39 3.26 -39.75	66.89 1.67 -46.92	66.55 2.77 -35.98	46.12 1.90 -24.67	37.26 1.84 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.10 0.86 -33.01	51.30 2.35 -24.45	58.56 4.26 -10.63	60.52 4.03 -14.99	80.02 2.70 -49.69	80.31 2.06 -57.23	99.67 5.32 -36.59	103.02 3.65 -57.13	105.22 2.50 -74.74	158.07 0.99 -145.60	174.30 2.12 -145.94	159.37 2.58 -125.04	157.72 -0.16 -159.78	101.89 1.16 -87.17	102.05 1.92 -78.66	84.41 2.08 -59.35	79.05 2.67 -48.02
RAVENSWOOD___1 23533	77.40 3.27 -39.75	66.88 1.67 -46.92	66.56 2.79 -35.98	46.12 1.90 -24.67	37.26 1.84 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.87 -33.01	51.33 2.38 -24.45	58.58 4.28 -10.63	60.52 4.03 -14.99	80.02 2.69 -49.69	80.32 2.07 -57.23	99.64 5.29 -36.59	102.95 3.59 -57.13	105.17 2.45 -74.74	158.04 0.97 -145.60	174.28 2.10 -145.94	159.31 2.52 -125.04	157.72 -0.16 -159.78	101.86 1.14 -87.17	102.03 1.90 -78.66	84.41 2.08 -59.35	68.02 2.73 -36.94
RAVENSWOOD___2 23534	77.40 3.27 -39.75	66.88 1.67 -46.92	66.56 2.79 -35.98	46.12 1.90 -24.67	37.26 1.84 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.87 -33.01	51.33 2.38 -24.45	58.58 4.28 -10.63	60.52 4.03 -14.99	80.02 2.69 -49.69	80.32 2.07 -57.23	99.64 5.29 -36.59	102.95 3.59 -57.13	105.17 2.45 -74.74	158.04 0.97 -145.60	174.28 2.10 -145.94	159.31 2.52 -125.04	157.72 -0.16 -159.78	101.86 1.14 -87.17	102.03 1.90 -78.66	84.41 2.08 -59.35	68.02 2.73 -36.94
RAVENSWOOD___3 23535	77.39 3.26 -39.75	66.89 1.68 -46.92	66.56 2.78 -35.98	46.12 1.90 -24.67	37.26 1.85 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.10 0.86 -33.01	51.31 2.36 -24.45	58.56 4.26 -10.63	60.52 4.03 -14.99	80.02 2.70 -49.69	80.31 2.06 -57.23	99.67 5.32 -36.59	103.02 3.65 -57.13	105.22 2.50 -74.74	158.07 0.99 -145.60	174.34 2.16 -145.94	159.38 2.59 -125.04	157.72 -0.16 -159.78	101.89 1.16 -87.17	102.05 1.92 -78.66	84.41 2.08 -59.35	77.82 2.68 -46.78
RAVENSWOOD___4 23820	77.40 3.27 -39.75	66.88 1.67 -46.92	66.56 2.79 -35.98	46.12 1.90 -24.67	37.26 1.84 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.87 -33.01	51.33 2.38 -24.45	58.58 4.28 -10.63	60.52 4.03 -14.99	80.02 2.69 -49.69	80.32 2.07 -57.23	99.64 5.29 -36.59	102.95 3.59 -57.13	105.17 2.45 -74.74	158.04 0.97 -145.60	174.28 2.10 -145.94	159.31 2.52 -125.04	157.72 -0.16 -159.78	101.86 1.14 -87.17	102.03 1.90 -78.66	84.41 2.08 -59.35	68.02 2.73 -36.94
RCPL_TRUST___DRP 24196	77.43 3.32 -39.73	66.91 1.71 -46.90	66.62 2.86 -35.97	46.14 1.93 -24.67	37.29 1.88 -15.72	21.70 -0.12 -23.05	38.02 -0.23 -40.79	43.12 0.88 -33.00	51.36 2.42 -24.45	58.66 4.36 -10.63	60.62 4.13 -14.99	80.08 2.78 -49.67	80.34 2.11 -57.21	99.81 5.48 -36.57	103.10 3.77 -57.10	105.26 2.57 -74.71	158.04 1.03 -145.53	174.35 2.24 -145.87	159.41 2.68 -124.98	157.65 -0.16 -159.71	101.89 1.20 -87.13	102.07 1.97 -78.63	84.44 2.13 -59.32	77.84 2.72 -46.76
RED___ROCHESTER 323720	36.94 1.25 -1.31	19.12 0.66 -0.17	28.80 0.77 -0.24	23.31 0.48 -3.29	22.31 0.52 -2.10	1.80 -0.03 -3.07	2.81 -0.09 -5.44	13.86 0.22 -4.40	27.92 0.56 -2.87	45.32 0.89 -0.76	43.26 0.67 -1.09	30.44 0.40 -2.41	23.91 0.39 -2.50	58.61 0.82 -0.02	43.39 0.27 -0.89	30.76 0.31 -2.48	13.26 0.12 -1.67	30.26 0.18 -3.84	32.74 -0.07 -1.07	3.90 -0.05 -5.85	18.56 0.31 -4.69	25.62 0.56 -3.59	25.73 0.52 -2.22	29.47 0.50 -0.62
RENSSELAER___COGEN 23796	49.73 0.99 -14.36	20.98 0.51 -2.18	31.23 0.84 -2.60	55.00 0.54 -34.92	42.53 0.58 -22.25	31.36 -0.04 -32.64	55.15 -0.06 -57.75	56.20 0.25 -46.72	55.53 0.58 -30.45	52.94 1.16 -8.12	53.97 1.02 -11.45	51.51 0.78 -23.09	47.22 0.62 -25.58	59.70 1.71 -0.23	52.80 1.11 -9.46	55.11 0.83 -26.30	29.62 0.37 -17.78	67.75 0.74 -40.77	44.03 0.96 -11.32	60.22 -0.05 -62.17	63.72 0.35 -49.82	60.10 0.49 -38.13	47.09 0.55 -23.56	35.67 0.76 -6.56
REVERE_CPPR_DRP 24186	35.41 1.19 0.16	18.52 0.61 0.39	28.69 0.84 -0.06	20.91 0.55 -0.82	20.77 0.55 -0.52	-0.50 -0.04 -0.76	-1.26 -0.07 -1.36	10.60 0.26 -1.10	25.88 0.67 -0.72	45.12 1.26 -0.19	43.14 1.38 -0.27	29.16 0.92 -0.60	22.41 0.77 -0.62	60.00 2.23 0.00	44.18 1.72 -0.22	29.76 1.16 -0.62	12.36 0.47 -0.42	28.29 1.09 -0.96	33.12 1.11 -0.27	-0.51 -0.07 -1.46	15.19 0.46 -1.17	23.11 0.74 -0.90	24.23 0.69 -0.55	29.30 0.79 -0.15
RIVERBAY____ 323610	77.69 3.57 -39.75	67.03 1.82 -46.92	66.81 3.04 -35.98	46.27 2.06 -24.67	37.41 1.99 -15.72	21.70 -0.12 -23.06	38.01 -0.25 -40.80	43.16 0.92 -33.01	51.44 2.49 -24.45	58.79 4.49 -10.63	60.55 4.06 -14.99	80.12 2.79 -49.69	80.35 2.10 -57.23	99.69 5.33 -36.59	103.03 3.68 -57.13	105.23 2.51 -74.74	158.06 0.99 -145.60	174.35 2.17 -145.94	159.50 2.70 -125.05	157.72 -0.16 -159.78	101.91 1.18 -87.17	102.11 1.98 -78.66	84.49 2.16 -59.35	78.09 2.96 -46.78
ROARING___BROOK_WT_PWR 323790	40.21 -0.82 -6.65	24.56 -0.22 -6.48	27.30 -0.37 0.12	17.66 -0.22 1.67	18.46 -0.17 1.06	-2.77 0.02 1.56	-5.29 0.01 2.76	6.95 -0.05 2.24	22.85 -0.19 1.46	42.70 -0.58 0.39	40.12 -0.81 0.56	25.60 -0.57 1.47	19.21 -0.44 1.37	56.63 -1.13 0.01	41.12 -0.66 0.45	26.15 -0.57 1.26	10.36 -0.25 0.85	24.09 -0.21 1.95	30.84 -0.37 0.54	-4.84 0.03 2.97	10.99 -0.19 2.38	19.44 -0.20 1.82	21.64 -0.21 1.13	27.81 -0.23 0.31
ROCHESTER_9_IC 23652	36.76 1.07 -1.31	19.02 0.56 -0.17	28.66 0.63 -0.24	23.22 0.39 -3.29	22.23 0.44 -2.10	1.81 -0.03 -3.07	2.82 -0.08 -5.44	13.82 0.19 -4.40	27.81 0.45 -2.87	45.11 0.68 -0.76	43.01 0.43 -1.09	30.28 0.23 -2.41	23.76 0.24 -2.50	58.23 0.45 -0.02	43.14 0.02 -0.89	30.61 0.15 -2.48	13.19 0.05 -1.67	30.11 0.03 -3.84	32.56 -0.26 -1.07	3.91 -0.04 -5.85	18.48 0.24 -4.69	25.50 0.44 -3.59	25.61 0.41 -2.22	29.34 0.37 -0.62

ROSETON___1 23587	76.22 2.60 -39.25	65.36 1.35 -45.71	65.58 2.15 -35.64	46.01 1.46 -25.01	37.05 1.42 -15.94	22.05 -0.09 -23.37	38.64 -0.17 -41.35	43.35 0.66 -33.45	50.99 1.78 -24.71	57.47 3.15 -10.66	59.49 2.96 -15.03	79.18 2.01 -49.53	79.60 1.53 -57.04	97.99 4.02 -36.20	101.71 2.81 -56.67	104.33 1.97 -74.38	156.62 0.81 -144.33	173.08 1.78 -145.06	157.77 2.14 -123.88	157.08 -0.13 -159.11	101.57 0.93 -87.08	101.40 1.47 -78.46	83.65 1.56 -59.11	76.74 2.00 -46.39
ROSETON___2 23588	76.22 2.60 -39.25	65.36 1.35 -45.71	65.58 2.15 -35.64	46.01 1.46 -25.01	37.05 1.42 -15.94	22.05 -0.09 -23.37	38.64 -0.17 -41.35	43.35 0.66 -33.45	50.99 1.78 -24.71	57.47 3.15 -10.66	59.49 2.96 -15.03	79.18 2.01 -49.53	79.60 1.53 -57.04	97.99 4.02 -36.20	101.71 2.81 -56.67	104.33 1.97 -74.38	156.62 0.81 -144.33	173.08 1.78 -145.06	157.77 2.14 -123.88	157.08 -0.13 -159.11	101.57 0.93 -87.08	101.40 1.47 -78.46	83.65 1.56 -59.11	76.74 2.00 -46.39
RUSSELL___1 23602	36.94 1.25 -1.31	19.12 0.66 -0.17	28.80 0.77 -0.24	23.31 0.48 -3.29	22.31 0.52 -2.10	1.80 -0.03 -3.07	2.81 -0.09 -5.44	13.86 0.22 -4.40	27.92 0.56 -2.87	45.32 0.89 -0.76	43.26 0.67 -1.09	30.44 0.40 -2.41	23.91 0.39 -2.50	58.61 0.82 -0.02	43.39 0.27 -0.89	30.76 0.31 -2.48	13.26 0.12 -1.67	30.26 0.18 -3.84	32.74 -0.07 -1.07	3.90 -0.05 -5.85	18.56 0.31 -4.69	25.62 0.56 -3.59	25.73 0.52 -2.22	29.47 0.50 -0.62
RUSSELL___2 23532	36.94 1.25 -1.31	19.12 0.66 -0.17	28.80 0.77 -0.24	23.31 0.48 -3.29	22.31 0.52 -2.10	1.80 -0.03 -3.07	2.81 -0.09 -5.44	13.86 0.22 -4.40	27.92 0.56 -2.87	45.32 0.89 -0.76	43.26 0.67 -1.09	30.44 0.40 -2.41	23.91 0.39 -2.50	58.61 0.82 -0.02	43.39 0.27 -0.89	30.76 0.31 -2.48	13.26 0.12 -1.67	30.26 0.18 -3.84	32.74 -0.07 -1.07	3.90 -0.05 -5.85	18.56 0.31 -4.69	25.62 0.56 -3.59	25.73 0.52 -2.22	29.47 0.50 -0.62
RUSSELL___3 23549	36.94 1.25 -1.31	19.12 0.66 -0.17	28.80 0.77 -0.24	23.31 0.48 -3.29	22.31 0.52 -2.10	1.80 -0.03 -3.07	2.81 -0.09 -5.44	13.86 0.22 -4.40	27.92 0.56 -2.87	45.32 0.89 -0.76	43.26 0.67 -1.09	30.44 0.40 -2.41	23.91 0.39 -2.50	58.61 0.82 -0.02	43.39 0.27 -0.89	30.76 0.31 -2.48	13.26 0.12 -1.67	30.26 0.18 -3.84	32.74 -0.07 -1.07	3.90 -0.05 -5.85	18.56 0.31 -4.69	25.62 0.56 -3.59	25.73 0.52 -2.22	29.47 0.50 -0.62
RUSSELL___4 23556	36.94 1.25 -1.31	19.12 0.66 -0.17	28.80 0.77 -0.24	23.31 0.48 -3.29	22.31 0.52 -2.10	1.80 -0.03 -3.07	2.81 -0.09 -5.44	13.86 0.22 -4.40	27.92 0.56 -2.87	45.32 0.89 -0.76	43.26 0.67 -1.09	30.44 0.40 -2.41	23.91 0.39 -2.50	58.61 0.82 -0.02	43.39 0.27 -0.89	30.76 0.31 -2.48	13.26 0.12 -1.67	30.26 0.18 -3.84	32.74 -0.07 -1.07	3.90 -0.05 -5.85	18.56 0.31 -4.69	25.62 0.56 -3.59	25.73 0.52 -2.22	29.47 0.50 -0.62
RUSSELL___STATION 23914	36.94 1.25 -1.31	19.12 0.66 -0.17	28.80 0.77 -0.24	23.31 0.48 -3.29	22.31 0.52 -2.10	1.80 -0.03 -3.07	2.81 -0.09 -5.44	13.86 0.22 -4.40	27.92 0.56 -2.87	45.32 0.89 -0.76	43.26 0.67 -1.09	30.44 0.40 -2.41	23.91 0.39 -2.50	58.61 0.82 -0.02	43.39 0.27 -0.89	30.76 0.31 -2.48	13.26 0.12 -1.67	30.26 0.18 -3.84	32.74 -0.07 -1.07	3.90 -0.05 -5.85	18.56 0.31 -4.69	25.62 0.56 -3.59	25.73 0.52 -2.22	29.47 0.50 -0.62
S SALMON___HYD 24043	33.93 -0.01 0.44	17.42 0.07 0.95	27.96 0.04 -0.13	21.37 0.01 -1.81	20.85 0.00 -1.16	0.46 0.00 -1.69	0.45 -0.01 -3.00	11.68 0.02 -2.42	26.09 0.02 -1.58	44.12 0.04 -0.42	41.97 -0.13 -0.60	28.85 -0.11 -1.33	22.29 -0.11 -1.38	57.63 -0.15 -0.01	42.75 0.03 -0.49	29.35 0.01 -1.37	12.40 0.00 -0.92	28.46 0.10 -2.12	32.24 -0.10 -0.59	1.33 0.00 -3.23	16.14 0.00 -2.58	23.54 0.09 -1.98	24.22 0.01 -1.22	28.69 -0.01 -0.34
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.10 1.09 -1.64	19.12 0.61 -0.21	28.72 0.62 -0.31	24.03 0.38 -4.11	22.78 0.47 -2.62	2.57 -0.03 -3.84	4.16 -0.09 -6.80	14.90 0.17 -5.50	28.40 0.32 -3.58	44.86 0.24 -0.96	42.57 -0.29 -1.36	30.30 -0.35 -3.00	23.94 -0.21 -3.13	37.45 -1.00 19.31	27.66 -0.98 13.60	30.70 -0.32 -3.05	13.43 -0.13 -2.09	30.56 -0.48 -4.80	32.10 -0.98 -1.33	5.38 -0.04 -7.32	19.57 0.15 -5.86	26.31 0.34 -4.49	26.10 0.34 -2.77	29.41 0.28 -0.77
SELKIRK___I 23801	44.08 0.79 -8.90	13.47 0.41 5.24	25.78 0.67 2.68	53.75 0.44 -33.77	41.61 0.40 -21.52	30.29 -0.03 -31.56	53.26 -0.04 -55.84	54.58 0.17 -45.17	53.95 0.47 -28.99	51.66 0.89 -7.10	52.40 0.81 -10.09	47.01 0.62 -18.75	40.89 0.49 -19.38	53.72 1.27 5.32	44.57 0.86 -1.48	45.52 0.65 -16.90	8.72 0.28 3.03	48.44 0.58 -21.62	25.60 0.70 6.85	40.56 -0.04 -42.50	54.09 0.27 -40.27	50.89 0.40 -29.01	39.70 0.43 -16.29	28.86 0.57 0.06
SELKIRK___II 23799	46.62 0.74 -11.51	17.26 0.39 1.42	28.70 0.67 -0.24	53.98 0.44 -34.00	41.80 0.43 -21.67	30.51 -0.03 -31.77	53.64 -0.05 -56.22	54.90 0.18 -45.48	54.40 0.46 -29.45	52.14 0.90 -7.57	53.03 0.81 -10.73	49.39 0.61 -21.14	44.14 0.48 -22.63	56.83 1.29 2.22	48.92 0.86 -5.82	50.46 0.64 -21.84	20.14 0.29 -8.38	58.66 0.58 -31.83	35.63 0.72 -3.16	50.81 -0.04 -52.75	58.83 0.26 -45.01	55.50 0.37 -33.66	43.46 0.41 -20.07	32.50 0.59 -3.56
SENECA OSWGO___HYD 24041	35.36 0.13 -0.85	18.46 0.06 -0.11	27.97 0.02 -0.16	21.66 -0.01 -2.13	21.04 -0.01 -1.36	0.75 0.00 -1.99	0.97 0.00 -3.52	12.07 -0.01 -2.85	26.33 -0.02 -1.86	44.13 -0.03 -0.49	42.15 -0.05 -0.70	29.16 -0.04 -1.55	22.60 -0.04 -1.62	57.65 -0.14 -0.01	42.71 -0.10 -0.58	29.57 -0.01 -1.60	12.51 -0.04 -1.08	28.61 -0.12 -2.48	32.17 -0.26 -0.69	1.89 0.00 -3.79	16.55 -0.04 -3.04	23.74 -0.05 -2.32	24.34 -0.08 -1.44	28.62 -0.13 -0.40
SENECA___ENERGY 23797	36.62 0.89 -1.35	18.92 0.46 -0.17	28.59 0.55 -0.25	23.24 0.32 -3.38	22.18 0.33 -2.15	1.90 -0.02 -3.16	2.99 -0.05 -5.58	13.91 0.15 -4.52	27.84 0.40 -2.94	45.13 0.68 -0.79	43.21 0.59 -1.12	30.39 0.28 -2.47	23.80 0.21 -2.57	62.72 0.58 -4.37	46.79 0.34 -4.22	30.81 0.28 -2.55	13.31 0.12 -1.72	30.45 0.26 -3.94	32.94 0.10 -1.09	4.08 -0.03 -6.01	18.60 0.23 -4.82	25.55 0.39 -3.69	25.60 0.34 -2.28	29.33 0.34 -0.63
SHOEMAKER___GT 23640	71.09 2.54 -34.17	59.03 1.30 -39.43	60.31 2.05 -30.47	43.63 1.39 -22.70	35.51 1.35 -14.46	19.89 -0.08 -21.21	34.82 -0.17 -37.54	40.24 0.63 -30.36	48.49 1.72 -22.27	56.10 3.02 -9.40	57.64 2.88 -13.27	72.88 1.97 -43.27	72.18 1.47 -49.68	92.50 3.88 -30.85	93.60 2.70 -48.67	94.35 1.94 -64.43	135.97 0.80 -123.70	153.27 1.80 -125.23	139.93 2.16 -106.01	136.03 -0.13 -138.06	90.67 0.93 -76.18	91.32 1.48 -68.38	75.85 1.57 -51.30	70.12 1.98 -39.79
SHOREHAM_IC_1 23715	78.00 3.86 -39.76	67.27 2.04 -46.93	91.11 3.49 -59.83	47.07 2.41 -25.12	37.76 2.34 -15.73	21.67 -0.16 -23.06	38.02 -0.25 -40.81	43.19 0.93 -33.02	51.55 2.60 -24.46	59.14 4.84 -10.64	138.13 4.73 -91.91	160.93 3.16 -130.13	165.38 2.37 -141.99	174.80 6.07 -110.96	273.97 4.16 -227.58	443.48 2.57 -412.94	401.36 0.96 -388.93	459.85 2.07 -431.54	506.20 2.68 -471.78	358.06 -0.18 -360.14	412.15 1.52 -397.07	379.27 2.36 -355.43	328.08 2.61 -302.49	95.71 3.34 -64.02

SHOREHAM_IC_2 23716	78.00 3.86 -39.76	67.27 2.04 -46.93	91.11 3.49 -59.83	47.07 2.41 -25.12	37.76 2.34 -15.73	21.67 -0.16 -23.06	38.02 -0.25 -40.81	43.19 0.93 -33.02	51.55 2.60 -24.46	59.14 4.84 -10.64	138.13 4.73 -91.91	160.93 3.16 -130.13	165.38 2.37 -141.99	174.80 6.07 -110.96	273.97 4.16 -227.58	443.48 2.57 -412.94	401.36 0.96 -388.93	459.85 2.07 -431.54	506.20 2.68 -471.78	358.06 -0.18 -360.14	412.15 1.52 -397.07	379.27 2.36 -355.43	328.08 2.61 -302.49	95.71 3.34 -64.02
SISSONVILLE____ 23735	19.15 -2.37 12.86	5.63 -1.13 11.54	26.06 -1.73 0.00	18.38 -1.16 0.00	18.49 -1.21 0.00	-1.16 0.07 0.00	-2.39 0.15 0.00	8.64 -0.59 0.00	22.88 -1.62 0.00	40.87 -2.80 0.00	39.20 -2.29 0.00	25.98 -1.66 0.00	19.68 -1.34 0.00	54.58 -3.19 0.00	40.13 -2.10 0.00	26.39 -1.59 0.00	10.84 -0.63 0.00	24.89 -1.36 0.00	30.31 -1.44 0.00	-1.79 0.11 0.00	12.76 -0.80 0.00	20.23 -1.24 0.00	21.93 -1.05 0.00	27.09 -1.27 0.00
SITHE_IND_GS1 24169	34.67 -0.41 -0.70	18.17 -0.22 -0.09	27.54 -0.38 -0.13	21.01 -0.29 -1.75	20.52 -0.29 -1.12	0.42 0.02 -1.64	0.39 0.04 -2.90	11.44 -0.14 -2.35	25.66 -0.36 -1.53	43.42 -0.65 -0.41	41.43 -0.65 -0.58	28.47 -0.45 -1.28	22.03 -0.33 -1.33	56.84 -0.94 -0.01	41.98 -0.73 -0.48	28.86 -0.44 -1.32	12.18 -0.18 -0.89	27.85 -0.44 -2.05	31.69 -0.62 -0.57	1.25 0.03 -3.12	15.85 -0.21 -2.50	23.08 -0.31 -1.92	23.80 -0.37 -1.18	28.19 -0.49 -0.33
SITHE_IND_GS2 24170	34.67 -0.41 -0.70	18.17 -0.22 -0.09	27.54 -0.38 -0.13	21.01 -0.29 -1.75	20.52 -0.29 -1.12	0.42 0.02 -1.64	0.39 0.04 -2.90	11.44 -0.14 -2.35	25.66 -0.36 -1.53	43.42 -0.65 -0.41	41.43 -0.65 -0.58	28.47 -0.45 -1.28	22.03 -0.33 -1.33	56.84 -0.94 -0.01	41.98 -0.73 -0.48	28.86 -0.44 -1.32	12.18 -0.18 -0.89	27.85 -0.44 -2.05	31.69 -0.62 -0.57	1.25 0.03 -3.12	15.85 -0.21 -2.50	23.08 -0.31 -1.92	23.80 -0.37 -1.18	28.19 -0.49 -0.33
SITHE_IND_GS3 24171	34.67 -0.41 -0.70	18.17 -0.22 -0.09	27.54 -0.38 -0.13	21.01 -0.29 -1.75	20.52 -0.29 -1.12	0.42 0.02 -1.64	0.39 0.04 -2.90	11.44 -0.14 -2.35	25.66 -0.36 -1.53	43.42 -0.65 -0.41	41.43 -0.65 -0.58	28.47 -0.45 -1.28	22.03 -0.33 -1.33	56.84 -0.94 -0.01	41.98 -0.73 -0.48	28.86 -0.44 -1.32	12.18 -0.18 -0.89	27.85 -0.44 -2.05	31.69 -0.62 -0.57	1.25 0.03 -3.12	15.85 -0.21 -2.50	23.08 -0.31 -1.92	23.80 -0.37 -1.18	28.19 -0.49 -0.33
SITHE_IND_GS4 24172	34.67 -0.41 -0.70	18.17 -0.22 -0.09	27.54 -0.38 -0.13	21.01 -0.29 -1.75	20.52 -0.29 -1.12	0.42 0.02 -1.64	0.39 0.04 -2.90	11.44 -0.14 -2.35	25.66 -0.36 -1.53	43.42 -0.65 -0.41	41.43 -0.65 -0.58	28.47 -0.45 -1.28	22.03 -0.33 -1.33	56.84 -0.94 -0.01	41.98 -0.73 -0.48	28.86 -0.44 -1.32	12.18 -0.18 -0.89	27.85 -0.44 -2.05	31.69 -0.62 -0.57	1.25 0.03 -3.12	15.85 -0.21 -2.50	23.08 -0.31 -1.92	23.80 -0.37 -1.18	28.19 -0.49 -0.33
SITHE____BATAVIA 24024	37.43 1.57 -1.48	19.33 0.85 -0.19	29.06 0.99 -0.28	23.88 0.64 -3.70	22.77 0.71 -2.36	2.18 -0.04 -3.46	3.46 -0.12 -6.13	14.50 0.31 -4.96	28.36 0.64 -3.23	45.40 0.87 -0.86	43.09 0.37 -1.23	30.49 0.15 -2.71	24.07 0.24 -2.82	47.64 0.34 10.47	35.19 -0.06 6.98	30.93 0.19 -2.77	13.45 0.09 -1.89	30.60 0.03 -4.33	32.50 -0.44 -1.20	4.62 -0.07 -6.59	19.23 0.38 -5.28	26.20 0.68 -4.05	26.16 0.67 -2.50	29.70 0.65 -0.70
SITHE____INDEPEND 23800	34.67 -0.41 -0.70	18.17 -0.22 -0.09	27.54 -0.38 -0.13	21.01 -0.29 -1.75	20.52 -0.29 -1.12	0.42 0.02 -1.64	0.39 0.04 -2.90	11.44 -0.14 -2.35	25.66 -0.36 -1.53	43.42 -0.65 -0.41	41.43 -0.65 -0.58	28.47 -0.45 -1.28	22.03 -0.33 -1.33	56.84 -0.94 -0.01	41.98 -0.73 -0.48	28.86 -0.44 -1.32	12.18 -0.18 -0.89	27.85 -0.44 -2.05	31.69 -0.62 -0.57	1.25 0.03 -3.12	15.85 -0.21 -2.50	23.08 -0.31 -1.92	23.80 -0.37 -1.18	28.19 -0.49 -0.33
SITHE____MASSENA 23902	17.32 -1.49 15.57	3.64 -0.68 13.97	26.77 -1.02 0.00	18.90 -0.64 0.00	19.07 -0.62 0.00	-1.20 0.04 0.00	-2.46 0.08 0.00	8.91 -0.32 0.00	23.60 -0.89 0.00	42.11 -1.55 0.00	40.31 -1.18 0.00	26.75 -0.89 0.00	20.29 -0.74 0.00	56.07 -1.69 0.00	41.15 -1.08 0.00	27.11 -0.86 0.00	11.13 -0.34 0.00	25.50 -0.75 0.00	31.07 -0.68 0.00	-1.84 0.06 0.00	13.14 -0.42 0.00	20.81 -0.66 0.00	22.42 -0.56 0.00	27.71 -0.65 0.00
SITHE____OGDNSBRG 24021	18.87 -1.60 13.91	5.10 -0.72 12.48	26.69 -1.11 0.00	18.84 -0.70 0.00	18.99 -0.70 0.00	-1.20 0.04 0.00	-2.46 0.08 0.00	8.87 -0.36 0.00	23.52 -0.98 0.00	41.99 -1.67 0.00	40.26 -1.23 0.00	26.71 -0.92 0.00	20.25 -0.77 0.00	56.10 -1.67 0.00	41.22 -1.01 0.00	27.13 -0.85 0.00	11.14 -0.33 0.00	25.54 -0.70 0.00	31.14 -0.61 0.00	-1.84 0.06 0.00	13.13 -0.43 0.00	20.79 -0.68 0.00	22.45 -0.54 0.00	27.70 -0.65 0.00
SITHE____STERLING 23777	35.88 1.06 -0.44	18.89 0.54 -0.06	28.63 0.76 -0.08	21.13 0.49 -1.09	20.87 0.48 -0.70	-0.25 -0.03 -1.02	-0.80 -0.07 -1.81	10.93 0.23 -1.46	26.03 0.58 -0.96	45.00 1.08 -0.25	43.03 1.18 -0.36	29.23 0.79 -0.80	22.51 0.65 -0.83	59.64 1.86 -0.01	43.93 1.41 -0.30	29.76 0.96 -0.83	12.41 0.38 -0.56	28.40 0.88 -1.28	32.98 0.87 -0.36	-0.01 -0.06 -1.95	15.50 0.38 -1.56	23.28 0.62 -1.19	24.30 0.57 -0.74	29.22 0.66 -0.21
SOUTH CAIRO____GT 23612	56.83 -0.04 -22.49	36.25 0.17 -17.79	43.15 0.73 -14.62	49.53 0.51 -29.48	39.04 0.56 -18.79	26.28 -0.04 -27.55	46.14 -0.06 -48.75	48.92 0.25 -39.44	51.76 0.50 -26.77	53.42 1.11 -8.63	54.65 0.95 -12.21	60.53 0.72 -32.17	57.70 0.62 -36.06	72.91 1.70 -13.45	69.91 1.34 -26.34	71.58 0.97 -42.64	75.33 0.43 -63.43	104.41 1.12 -77.04	84.88 0.98 -52.15	92.70 -0.04 -94.64	74.78 0.26 -60.96	72.75 0.26 -51.01	59.01 0.60 -35.43	50.33 1.10 -20.88
SOUTH HAMPTN____IC 23720	78.73 4.59 -39.76	67.64 2.41 -46.93	91.67 4.05 -59.83	47.45 2.79 -25.12	38.15 2.72 -15.73	21.64 -0.18 -23.06	37.97 -0.31 -40.81	43.38 1.13 -33.02	52.13 3.17 -24.46	60.25 5.94 -10.64	139.23 5.83 -91.91	161.66 3.89 -130.13	165.91 2.90 -141.99	176.13 7.40 -110.96	275.08 5.27 -227.58	444.44 3.53 -412.94	401.82 1.42 -388.93	460.75 2.97 -431.54	507.29 3.77 -471.78	358.00 -0.24 -360.14	412.46 1.83 -397.07	379.75 2.84 -355.43	328.60 3.12 -302.49	96.31 3.93 -64.02
SOUTHOLD____IC 23719	79.25 5.11 -39.76	67.90 2.68 -46.93	92.05 4.43 -59.83	47.72 3.06 -25.12	38.42 2.99 -15.73	21.63 -0.20 -23.06	37.93 -0.34 -40.81	43.52 1.27 -33.02	52.56 3.60 -24.46	61.06 6.76 -10.64	140.06 6.65 -91.91	162.21 4.44 -130.13	166.26 3.25 -141.99	176.70 7.97 -110.96	275.60 5.79 -227.58	445.00 4.09 -412.94	402.06 1.66 -388.93	461.05 3.27 -431.54	507.60 4.07 -471.78	357.98 -0.26 -360.14	412.70 2.06 -397.07	380.13 3.22 -355.43	328.97 3.50 -302.49	96.73 4.36 -64.02
ST LAWRENCE____ 23600	16.74 -1.51 16.13	3.08 -0.74 14.47	26.68 -1.12 0.00	18.78 -0.76 0.00	18.97 -0.72 0.00	-1.19 0.04 0.00	-2.45 0.09 0.00	8.89 -0.35 0.00	23.56 -0.94 0.00	42.02 -1.65 0.00	40.06 -1.44 0.00	26.65 -0.99 0.00	20.23 -0.80 0.00	55.71 -2.06 0.00	40.86 -1.37 0.00	26.92 -1.06 0.00	11.05 -0.42 0.00	25.32 -0.92 0.00	30.85 -0.90 0.00	-1.83 0.07 0.00	13.05 -0.51 0.00	20.68 -0.80 0.00	22.26 -0.72 0.00	27.50 -0.85 0.00

STATION 5_MISC_HYD 23604	36.76 1.07 -1.31	19.02 0.56 -0.17	28.66 0.63 -0.24	23.22 0.39 -3.29	22.23 0.44 -2.10	1.81 -0.03 -3.07	2.82 -0.08 -5.44	13.82 0.19 -4.40	27.81 0.45 -2.87	45.11 0.68 -0.76	43.01 0.43 -1.09	30.28 0.23 -2.41	23.76 0.24 -2.50	58.23 0.45 -0.02	43.14 0.02 -0.89	30.61 0.15 -2.48	13.19 0.05 -1.67	30.11 0.03 -3.84	32.56 -0.26 -1.07	3.91 -0.04 -5.85	18.48 0.24 -4.69	25.50 0.44 -3.59	25.61 0.41 -2.22	29.34 0.37 -0.62
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.83 1.15 -1.30	19.05 0.59 -0.17	28.73 0.70 -0.24	23.23 0.43 -3.26	22.24 0.46 -2.08	1.78 -0.03 -3.05	2.78 -0.07 -5.39	13.81 0.21 -4.36	27.90 0.56 -2.84	45.38 0.96 -0.76	43.37 0.79 -1.08	30.48 0.46 -2.38	23.91 0.41 -2.48	58.72 0.93 -0.02	43.63 0.52 -0.88	30.87 0.44 -2.45	13.30 0.17 -1.66	30.37 0.32 -3.80	32.93 0.12 -1.06	3.85 -0.05 -5.80	18.52 0.31 -4.65	25.56 0.53 -3.56	25.66 0.48 -2.20	29.43 0.47 -0.61
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.51 0.83 -1.30	18.89 0.43 -0.17	28.48 0.45 -0.24	23.05 0.25 -3.26	22.07 0.30 -2.08	1.79 -0.02 -3.05	2.79 -0.06 -5.38	13.72 0.12 -4.36	27.63 0.30 -2.84	44.86 0.44 -0.76	42.80 0.22 -1.08	30.13 0.11 -2.38	23.65 0.15 -2.48	57.96 0.17 -0.02	42.99 -0.12 -0.88	30.46 0.03 -2.45	13.13 0.00 -1.66	29.95 -0.10 -3.80	32.42 -0.38 -1.06	3.87 -0.03 -5.80	18.36 0.16 -4.64	25.33 0.30 -3.56	25.44 0.26 -2.20	29.16 0.19 -0.61
STEEL___WIND 323596	37.58 1.53 -1.67	19.34 0.84 -0.21	29.06 0.96 -0.31	24.32 0.59 -4.18	23.03 0.67 -2.66	2.62 -0.05 -3.91	4.26 -0.11 -6.91	15.08 0.25 -5.59	28.69 0.55 -3.64	45.33 0.69 -0.97	43.04 0.16 -1.38	30.64 -0.06 -3.06	24.21 0.00 -3.18	36.44 -0.31 21.02	26.90 -0.46 14.88	31.12 0.05 -3.10	13.63 0.03 -2.13	31.02 -0.11 -4.88	32.55 -0.55 -1.36	5.48 -0.06 -7.44	19.83 0.31 -5.96	26.65 0.61 -4.57	26.43 0.63 -2.82	29.77 0.63 -0.79
STEBEN_REC_LFGE 323667	39.14 2.57 -2.20	19.87 1.29 -0.28	29.85 1.65 -0.41	26.06 1.01 -5.51	24.19 0.99 -3.51	3.84 -0.06 -5.15	6.44 -0.13 -9.11	17.03 0.43 -7.37	30.29 0.99 -4.80	46.79 1.84 -1.28	44.96 1.64 -1.82	32.43 0.76 -4.03	25.66 0.45 -4.19	100.45 1.07 -41.62	75.94 0.59 -33.12	32.87 0.64 -4.25	14.68 0.40 -2.80	33.64 0.97 -6.43	34.19 0.66 -1.79	7.80 -0.10 -9.80	22.13 0.72 -7.85	28.71 1.23 -6.01	27.93 1.24 -3.71	30.81 1.42 -1.03
STONY___BROOK 24151	77.98 3.83 -39.76	67.28 2.05 -46.93	91.16 3.54 -59.83	47.10 2.44 -25.12	37.80 2.38 -15.73	21.67 -0.16 -23.06	38.01 -0.26 -40.81	43.19 0.94 -33.02	51.57 2.62 -24.46	59.33 5.03 -10.64	138.38 4.98 -91.91	161.05 3.28 -130.13	165.43 2.42 -141.99	174.97 6.24 -110.96	274.29 4.48 -227.58	443.89 2.98 -412.94	401.65 1.25 -388.93	460.41 2.63 -431.54	506.74 3.21 -471.78	358.04 -0.20 -360.14	412.12 1.48 -397.07	379.23 2.32 -355.43	328.17 2.69 -302.49	95.80 3.42 -64.02
STURGEON_POOL_HYD 23609	70.34 3.56 -32.40	55.22 1.83 -35.10	58.20 2.82 -27.59	46.86 1.91 -25.40	37.72 1.84 -16.19	22.39 -0.12 -23.74	39.24 -0.23 -42.01	44.08 0.86 -33.99	51.22 2.36 -24.36	57.52 4.26 -9.59	59.13 4.10 -13.53	72.57 2.81 -42.12	71.28 2.10 -48.16	90.86 5.52 -27.58	91.02 3.95 -44.84	92.41 3.04 -61.39	125.82 1.30 -113.05	146.93 2.89 -117.80	131.67 3.61 -96.31	130.29 -0.22 -132.40	90.41 1.51 -75.34	90.50 2.37 -66.66	74.68 2.43 -49.27	67.77 2.93 -36.49
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	72.52 2.72 -35.42	60.78 1.39 -41.10	61.73 2.23 -31.70	44.22 1.52 -23.16	35.92 1.46 -14.76	20.32 -0.09 -21.65	35.58 -0.18 -38.30	40.90 0.68 -30.99	49.14 1.87 -22.78	56.63 3.28 -9.68	58.30 3.15 -13.66	74.52 2.16 -44.72	74.05 1.64 -51.39	94.22 4.32 -32.13	95.86 3.07 -50.56	96.90 2.17 -66.75	140.97 0.91 -128.59	158.11 1.99 -129.87	144.39 2.38 -110.27	140.90 -0.15 -142.94	93.24 1.01 -78.67	93.76 1.59 -70.70	77.78 1.69 -53.12	71.85 2.15 -41.35
SYNERGY___BIOGAS 323694	37.43 1.57 -1.48	19.33 0.85 -0.19	29.06 0.99 -0.28	23.88 0.64 -3.70	22.77 0.71 -2.36	2.18 -0.04 -3.46	3.46 -0.12 -6.13	14.50 0.31 -4.96	28.36 0.64 -3.23	45.40 0.87 -0.86	43.09 0.37 -1.23	30.49 0.15 -2.71	24.07 0.24 -2.82	47.64 0.34 10.47	35.19 -0.06 6.98	30.93 0.19 -2.77	13.45 0.09 -1.89	30.60 0.03 -4.33	32.50 -0.44 -1.20	4.62 -0.07 -6.59	19.23 0.38 -5.28	26.20 0.68 -4.05	26.16 0.67 -2.50	29.70 0.65 -0.70
SYRACUSE___ENERGY_ST1 323597	35.99 0.54 -1.07	18.71 0.28 -0.14	28.34 0.35 -0.20	22.44 0.22 -2.68	21.61 0.20 -1.71	1.26 -0.01 -2.51	1.86 -0.03 -4.44	12.93 0.10 -3.59	27.14 0.30 -2.34	44.84 0.55 -0.62	42.90 0.51 -0.89	29.91 0.31 -1.96	23.32 0.25 -2.04	58.49 0.71 -0.02	43.42 0.47 -0.73	30.36 0.36 -2.02	12.98 0.14 -1.37	29.67 0.29 -3.13	32.82 0.21 -0.87	2.85 -0.03 -4.78	17.54 0.16 -3.83	24.67 0.26 -2.93	25.00 0.21 -1.81	29.06 0.21 -0.50
SYRACUSE___ENERGY_ST2 323598	35.99 0.54 -1.07	18.71 0.28 -0.14	28.34 0.35 -0.20	22.44 0.22 -2.68	21.61 0.20 -1.71	1.26 -0.01 -2.51	1.86 -0.03 -4.44	12.93 0.10 -3.59	27.14 0.30 -2.34	44.84 0.55 -0.62	42.90 0.51 -0.89	29.91 0.31 -1.96	23.32 0.25 -2.04	58.49 0.71 -0.02	43.42 0.47 -0.73	30.36 0.36 -2.02	12.98 0.14 -1.37	29.67 0.29 -3.13	32.82 0.21 -0.87	2.85 -0.03 -4.78	17.54 0.16 -3.83	24.67 0.26 -2.93	25.00 0.21 -1.81	29.06 0.21 -0.50
SYRACUSE___POWER 24017	36.07 0.58 -1.10	18.73 0.30 -0.14	28.39 0.39 -0.21	22.54 0.23 -2.77	21.68 0.22 -1.77	1.33 -0.01 -2.59	2.00 -0.04 -4.57	13.04 0.11 -3.70	27.21 0.30 -2.41	44.88 0.57 -0.64	42.95 0.54 -0.91	30.01 0.35 -2.02	23.39 0.27 -2.10	58.54 0.75 -0.02	43.47 0.49 -0.75	30.44 0.38 -2.08	13.03 0.16 -1.41	29.79 0.32 -3.23	32.88 0.23 -0.90	3.00 -0.03 -4.93	17.67 0.16 -3.94	24.77 0.27 -3.02	25.07 0.22 -1.87	29.10 0.22 -0.52
TRIGEN___CC 323695	77.75 3.61 -39.76	67.13 1.91 -46.93	90.85 3.23 -59.83	46.88 2.21 -25.12	37.57 2.15 -15.73	21.69 -0.14 -23.06	38.03 -0.24 -40.81	43.16 0.90 -33.02	51.43 2.48 -24.46	58.82 4.51 -10.64	137.84 4.44 -91.91	160.74 2.98 -130.13	165.24 2.23 -141.99	174.42 5.69 -110.96	273.86 4.05 -227.58	443.66 2.75 -412.94	401.53 1.13 -388.93	460.25 2.46 -431.54	506.51 2.98 -471.78	358.06 -0.18 -360.14	411.97 1.34 -397.07	379.07 2.16 -355.43	327.89 2.41 -302.49	95.46 3.08 -64.02
UNION___PROCESSING_DRP 323587	36.70 1.00 -1.32	19.00 0.53 -0.17	28.63 0.60 -0.25	23.21 0.36 -3.30	22.21 0.41 -2.10	1.82 -0.03 -3.08	2.84 -0.07 -5.46	13.82 0.17 -4.42	27.78 0.41 -2.88	45.05 0.62 -0.77	42.95 0.36 -1.09	30.23 0.18 -2.41	23.73 0.20 -2.51	58.12 0.33 -0.02	43.09 -0.04 -0.89	30.57 0.10 -2.49	13.19 0.04 -1.68	30.08 -0.02 -3.85	32.52 -0.30 -1.07	3.94 -0.04 -5.87	18.49 0.22 -4.71	25.49 0.41 -3.60	25.58 0.37 -2.23	29.30 0.33 -0.62
UPPER HUDSON___HYD 24058	55.41 2.45 -18.58	26.03 1.17 -6.56	35.54 1.71 -6.04	59.01 1.21 -38.26	45.34 1.26 -24.38	34.44 -0.08 -35.75	60.55 -0.16 -63.26	61.03 0.62 -51.18	59.70 1.58 -33.63	55.63 2.61 -9.35	57.10 2.42 -13.18	57.38 1.63 -28.11	53.82 1.24 -31.56	64.93 3.50 -3.66	59.72 2.42 -15.08	63.87 1.83 -34.06	44.25 0.86 -31.92	83.80 1.94 -55.61	57.38 2.28 -23.35	76.91 -0.13 -78.94	73.97 0.98 -59.43	69.47 1.38 -46.61	54.25 1.46 -29.80	41.20 1.72 -11.13

UPPER RAQUET___HYD 24056	19.15 -2.37 12.86	5.63 -1.13 11.54	26.06 -1.73 0.00	18.38 -1.16 0.00	18.49 -1.21 0.00	-1.16 0.07 0.00	-2.39 0.15 0.00	8.64 -0.59 0.00	22.88 -1.62 0.00	40.87 -2.80 0.00	39.20 -2.29 0.00	25.98 -1.66 0.00	19.68 -1.34 0.00	54.58 -3.19 0.00	40.13 -2.10 0.00	26.39 -1.59 0.00	10.84 -0.63 0.00	24.89 -1.36 0.00	30.31 -1.44 0.00	-1.79 0.11 0.00	12.76 -0.80 0.00	20.23 -1.24 0.00	21.93 -1.05 0.00	27.09 -1.27 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	41.19 2.06 -4.75	21.05 1.08 -1.68	31.06 1.64 -1.63	30.69 1.15 -10.00	27.15 1.09 -6.37	8.04 -0.07 -9.34	13.85 -0.14 -16.53	23.13 0.51 -13.38	34.72 1.43 -8.79	48.64 2.53 -2.45	47.40 2.41 -3.49	37.33 1.59 -8.10	30.81 1.20 -8.59	61.95 3.17 -1.01	48.46 2.22 -4.01	38.58 1.62 -8.98	20.66 0.66 -8.53	42.44 1.50 -14.70	39.71 1.70 -6.27	18.79 -0.11 -20.80	29.92 0.76 -15.61	34.93 1.21 -12.26	32.05 1.22 -7.85	32.82 1.50 -2.97
VISCHER___FERRY HYD 24020	55.35 1.89 -19.08	27.41 0.93 -8.19	36.54 1.47 -7.27	57.29 1.01 -36.74	44.18 1.07 -23.41	33.03 -0.07 -34.33	58.08 -0.13 -60.75	58.89 0.51 -49.15	58.14 1.22 -32.42	55.03 2.18 -9.19	56.35 1.93 -12.92	56.80 1.37 -27.79	53.85 1.09 -31.74	65.94 3.09 -5.08	60.90 2.01 -16.65	64.63 1.52 -35.13	48.51 0.66 -36.39	86.16 1.46 -58.45	60.99 1.78 -27.46	78.79 -0.10 -80.80	73.63 0.76 -59.31	69.54 1.08 -46.99	54.59 1.15 -30.46	42.29 1.44 -12.50
V_CMM_10_SYNC_DSASP 323787	16.88 -1.37 16.13	3.16 -0.66 14.47	26.79 -1.00 0.00	18.86 -0.68 0.00	19.05 -0.64 0.00	-1.20 0.04 0.00	-2.46 0.08 0.00	8.93 -0.31 0.00	23.66 -0.83 0.00	42.21 -1.45 0.00	40.24 -1.26 0.00	26.77 -0.87 0.00	20.31 -0.71 0.00	55.96 -1.81 0.00	41.05 -1.19 0.00	27.04 -0.93 0.00	11.10 -0.37 0.00	25.43 -0.81 0.00	30.98 -0.76 0.00	-1.84 0.06 0.00	13.11 -0.45 0.00	20.77 -0.70 0.00	22.36 -0.63 0.00	27.63 -0.73 0.00
V_CMP_10_SYNC_DSASP 323788	17.62 -0.62 16.14	3.32 -0.50 14.48	27.14 -0.65 0.00	19.24 -0.30 0.00	19.46 -0.23 0.00	-1.23 0.00 0.00	-2.53 0.01 0.00	9.12 -0.11 0.00	24.25 -0.24 0.00	43.17 -0.50 0.00	41.22 -0.27 0.00	27.44 -0.19 0.00	20.66 -0.37 0.00	56.84 -0.93 0.00	41.76 -0.47 0.00	27.06 -0.92 0.00	11.15 -0.32 0.00	25.77 -0.48 0.00	31.71 -0.03 0.00	-1.83 0.07 0.00	13.02 -0.54 0.00	20.66 -0.81 0.00	22.48 -0.51 0.00	28.07 -0.28 0.00
V_F_30_NSYNC___DSASP 323816	55.67 2.60 -18.69	26.42 1.28 -6.84	36.00 1.96 -6.25	58.95 1.36 -38.05	45.35 1.40 -24.25	34.24 -0.09 -35.56	60.21 -0.18 -62.93	60.82 0.67 -50.91	59.67 1.70 -33.47	56.01 3.00 -9.34	57.42 2.77 -13.15	57.65 1.91 -28.10	54.17 1.51 -31.64	65.85 4.18 -3.90	60.49 2.90 -15.36	64.41 2.15 -34.28	45.11 0.94 -32.70	84.53 2.14 -56.15	58.31 2.51 -24.05	77.30 -0.14 -79.35	74.10 1.05 -59.49	69.73 1.52 -46.74	54.51 1.58 -29.95	41.63 1.91 -11.37
V_F_30_SYNC_DSASP 323786	51.97 1.40 -16.19	23.35 0.71 -4.35	33.28 1.13 -4.36	56.13 0.74 -35.84	43.32 0.78 -22.84	32.21 -0.05 -33.50	56.65 -0.08 -59.28	57.53 0.34 -47.95	56.75 0.85 -31.40	53.89 1.65 -8.58	55.09 1.50 -12.09	53.89 1.10 -25.15	50.01 0.87 -28.12	62.25 2.44 -2.04	56.08 1.63 -12.22	58.97 1.21 -29.79	36.85 0.52 -24.86	75.00 1.09 -47.66	50.54 1.36 -17.43	67.59 -0.07 -69.57	67.78 0.51 -53.72	63.92 0.74 -41.71	50.08 0.79 -26.30	38.23 1.05 -8.83
V_XM_10_SYNC_DSASP 323789	17.62 -0.62 16.14	3.32 -0.50 14.48	27.14 -0.65 0.00	19.24 -0.30 0.00	19.46 -0.23 0.00	-1.23 0.00 0.00	-2.53 0.01 0.00	9.12 -0.11 0.00	24.25 -0.24 0.00	43.17 -0.50 0.00	41.22 -0.27 0.00	27.44 -0.19 0.00	20.66 -0.37 0.00	56.84 -0.93 0.00	41.76 -0.47 0.00	27.06 -0.92 0.00	11.15 -0.32 0.00	25.77 -0.48 0.00	31.71 -0.03 0.00	-1.83 0.07 0.00	13.02 -0.54 0.00	20.66 -0.81 0.00	22.48 -0.51 0.00	28.07 -0.28 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	74.90 3.09 -37.43	63.70 1.59 -43.81	64.04 2.59 -33.66	45.17 1.76 -23.87	36.62 1.71 -15.21	20.96 -0.11 -22.31	36.72 -0.21 -39.47	41.95 0.79 -31.93	50.18 2.13 -23.56	57.58 3.80 -10.12	59.40 3.64 -14.27	77.12 2.48 -46.99	77.00 1.91 -54.06	96.96 5.02 -34.17	99.38 3.58 -53.56	100.90 2.52 -70.41	148.88 1.04 -136.36	165.76 2.29 -137.22	151.47 2.71 -117.01	148.59 -0.17 -150.65	97.29 1.16 -82.57	97.65 1.83 -74.35	80.92 1.96 -55.97	74.70 2.52 -43.83
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	77.43 3.32 -39.73	66.91 1.71 -46.90	66.62 2.86 -35.97	46.14 1.93 -24.67	37.29 1.88 -15.72	21.70 -0.12 -23.05	38.02 -0.23 -40.79	43.12 0.88 -33.00	51.36 2.42 -24.45	58.66 4.36 -10.63	60.62 4.13 -14.99	80.08 2.78 -49.67	80.34 2.12 -57.21	99.82 5.48 -36.57	103.10 3.77 -57.10	105.26 2.57 -74.71	158.04 1.03 -145.53	174.35 2.24 -145.87	159.41 2.68 -124.98	157.65 -0.16 -159.71	101.89 1.20 -87.13	102.07 1.97 -78.63	84.44 2.13 -59.32	77.84 2.72 -46.76
WADING RIVER_IC_1 23522	78.06 3.92 -39.76	67.29 2.06 -46.93	91.14 3.52 -59.83	47.09 2.43 -25.12	37.79 2.37 -15.73	21.67 -0.16 -23.06	38.01 -0.26 -40.81	43.20 0.95 -33.02	51.60 2.64 -24.46	59.23 4.93 -10.64	138.20 4.80 -91.91	160.96 3.19 -130.13	165.40 2.38 -141.99	174.83 6.10 -110.96	274.13 4.32 -227.58	443.73 2.82 -412.94	401.50 1.10 -388.93	460.08 2.29 -431.54	506.57 3.04 -471.78	358.05 -0.20 -360.14	412.15 1.52 -397.07	379.27 2.37 -355.43	328.13 2.65 -302.49	95.75 3.38 -64.02
WADING RIVER_IC_2 23547	78.06 3.92 -39.76	67.29 2.06 -46.93	91.14 3.52 -59.83	47.09 2.43 -25.12	37.79 2.37 -15.73	21.67 -0.16 -23.06	38.01 -0.26 -40.81	43.20 0.95 -33.02	51.60 2.64 -24.46	59.23 4.93 -10.64	138.20 4.80 -91.91	160.96 3.19 -130.13	165.40 2.38 -141.99	174.83 6.10 -110.96	274.13 4.32 -227.58	443.73 2.82 -412.94	401.50 1.10 -388.93	460.08 2.29 -431.54	506.57 3.04 -471.78	358.05 -0.20 -360.14	412.15 1.52 -397.07	379.27 2.37 -355.43	328.13 2.65 -302.49	95.75 3.38 -64.02
WADING RIVER_IC_3 23601	78.06 3.92 -39.76	67.29 2.06 -46.93	91.14 3.52 -59.83	47.09 2.43 -25.12	37.79 2.37 -15.73	21.67 -0.16 -23.06	38.01 -0.26 -40.81	43.20 0.95 -33.02	51.60 2.64 -24.46	59.23 4.93 -10.64	138.20 4.80 -91.91	160.96 3.19 -130.13	165.40 2.38 -141.99	174.83 6.10 -110.96	274.13 4.32 -227.58	443.73 2.82 -412.94	401.50 1.10 -388.93	460.08 2.29 -431.54	506.57 3.04 -471.78	358.05 -0.20 -360.14	412.15 1.52 -397.07	379.27 2.37 -355.43	328.13 2.65 -302.49	95.75 3.38 -64.02
WALDEN___HYDRO 24148	74.39 3.23 -36.78	62.42 1.65 -42.48	63.46 2.59 -33.07	45.45 1.76 -24.15	36.81 1.72 -15.39	21.23 -0.11 -22.57	37.19 -0.21 -39.94	42.35 0.80 -32.31	50.48 2.23 -23.75	57.60 3.84 -10.10	59.47 3.73 -14.25	76.82 2.57 -46.60	76.54 1.94 -53.58	96.30 5.02 -33.52	98.57 3.59 -52.75	100.19 2.59 -69.63	146.71 1.09 -134.15	164.17 2.45 -135.48	149.80 3.03 -115.03	147.03 -0.18 -149.11	96.88 1.27 -82.05	97.20 1.99 -73.74	80.46 2.07 -55.41	74.04 2.55 -43.14
WARRENSBURG____ 23737	55.41 2.45 -18.58	26.03 1.17 -6.56	35.54 1.71 -6.04	59.01 1.21 -38.26	45.34 1.26 -24.38	34.44 -0.08 -35.75	60.55 -0.16 -63.26	61.03 0.62 -51.18	59.70 1.58 -33.63	55.63 2.61 -9.35	57.10 2.42 -13.18	57.38 1.63 -28.11	53.82 1.24 -31.56	64.93 3.50 -3.66	59.72 2.42 -15.08	63.87 1.83 -34.06	44.25 0.86 -31.92	83.80 1.94 -55.61	57.38 2.28 -23.35	76.91 -0.13 -78.94	73.97 0.98 -59.43	69.47 1.38 -46.61	54.25 1.46 -29.80	41.20 1.72 -11.13

WATERSIDE___6 8 9 23538	77.40 3.27 -39.75	66.88 1.67 -46.92	66.56 2.79 -35.98	46.12 1.90 -24.67	37.26 1.84 -15.72	21.71 -0.12 -23.06	38.03 -0.23 -40.80	43.11 0.87 -33.01	51.33 2.38 -24.45	58.58 4.28 -10.63	60.52 4.03 -14.99	80.02 2.69 -49.69	80.32 2.07 -57.23	99.64 5.29 -36.59	102.95 3.59 -57.13	105.17 2.45 -74.74	158.04 0.97 -145.60	174.28 2.10 -145.94	159.31 2.52 -125.04	157.72 -0.16 -159.78	101.86 1.14 -87.17	102.03 1.90 -78.66	84.41 2.08 -59.35	68.02 2.73 -36.94
WDELAWARE___HYD 323627	67.63 4.42 -28.83	52.28 2.28 -31.70	56.06 3.47 -24.79	43.75 2.38 -21.83	35.98 2.37 -13.92	19.02 -0.15 -20.41	33.27 -0.30 -36.11	39.57 1.12 -29.21	48.52 2.99 -21.03	57.65 5.58 -8.40	58.69 5.34 -11.86	68.58 3.58 -37.36	66.33 2.63 -42.67	89.77 7.15 -24.86	87.54 5.17 -40.14	86.20 3.67 -54.55	114.07 1.22 -101.38	133.76 2.56 -104.96	121.48 3.24 -86.49	115.36 -0.21 -117.48	81.50 1.53 -66.41	82.82 2.41 -58.93	69.17 2.48 -43.71	64.07 3.02 -32.70
WEST BABYLON___IC 23714	78.08 3.94 -39.76	67.30 2.07 -46.93	91.15 3.53 -59.83	47.09 2.43 -25.12	37.78 2.36 -15.73	21.67 -0.16 -23.06	38.01 -0.26 -40.81	43.21 0.96 -33.02	51.61 2.65 -24.46	59.18 4.87 -10.64	138.13 4.73 -91.91	160.84 3.07 -130.13	165.36 2.34 -141.99	174.67 5.94 -110.96	274.08 4.27 -227.58	443.79 2.88 -412.94	401.61 1.21 -388.93	460.39 2.60 -431.54	506.70 3.17 -471.78	358.04 -0.20 -360.14	412.10 1.47 -397.07	379.23 2.32 -355.43	328.10 2.63 -302.49	95.75 3.38 -64.02
WEST CANADA___HYD 24049	35.25 0.12 -0.75	19.05 0.08 -0.68	27.91 0.12 0.00	19.62 0.08 0.00	19.78 0.08 0.00	-1.24 0.00 0.00	-2.55 -0.01 0.00	9.27 0.04 0.00	24.59 0.10 0.00	43.81 0.14 0.00	41.62 0.12 0.00	27.72 0.08 0.00	21.10 0.08 0.00	57.95 0.18 0.00	42.38 0.14 0.00	28.09 0.11 0.00	11.52 0.05 0.00	26.36 0.12 0.00	31.85 0.10 0.00	-1.91 -0.01 0.00	13.60 0.05 0.00	21.56 0.09 0.00	23.05 0.07 0.00	28.44 0.08 0.00
WESTERN_NY_WIND 24143	37.41 1.53 -1.49	19.31 0.83 -0.19	29.03 0.96 -0.28	23.90 0.62 -3.74	22.78 0.70 -2.38	2.22 -0.04 -3.50	3.52 -0.12 -6.19	14.54 0.30 -5.01	28.36 0.61 -3.26	45.34 0.81 -0.87	43.04 0.31 -1.24	30.48 0.10 -2.74	24.07 0.20 -2.85	46.71 0.23 11.29	34.50 -0.14 7.59	30.91 0.15 -2.79	13.45 0.07 -1.91	30.60 -0.01 -4.37	32.46 -0.51 -1.21	4.69 -0.07 -6.66	19.26 0.36 -5.34	26.22 0.66 -4.09	26.16 0.65 -2.53	29.68 0.62 -0.70
WESTOVER___LESR 323668	39.08 1.48 -3.22	19.49 0.78 -0.41	29.53 1.13 -0.60	28.36 0.74 -8.08	25.57 0.73 -5.15	6.26 -0.05 -7.55	10.72 -0.10 -13.36	20.39 0.35 -10.81	32.48 0.95 -7.04	47.17 1.62 -1.88	45.73 1.56 -2.67	34.53 0.98 -5.91	27.88 0.72 -6.14	59.80 1.98 -0.05	45.74 1.32 -2.19	35.07 1.02 -6.08	16.00 0.42 -4.11	36.64 0.96 -9.43	35.25 0.88 -2.62	12.41 -0.07 -14.38	25.54 0.46 -11.52	31.10 0.80 -8.82	29.19 0.76 -5.45	30.76 0.88 -1.52
WETHRSFD_WT_PWR 323626	37.78 1.51 -1.89	19.33 0.79 -0.24	29.10 0.95 -0.35	24.83 0.55 -4.74	23.23 0.51 -3.02	3.16 -0.04 -4.43	5.23 -0.07 -7.84	15.73 0.15 -6.34	28.97 0.35 -4.14	45.32 0.55 -1.10	43.20 0.13 -1.57	30.93 -0.17 -3.47	24.45 -0.18 -3.61	-9.04 -0.63 66.18	-7.47 -0.62 49.08	31.36 -0.03 -3.41	13.88 0.00 -2.42	31.76 -0.02 -5.54	32.87 -0.41 -1.54	6.49 -0.06 -8.44	20.67 0.34 -6.77	27.29 0.64 -5.18	26.81 0.63 -3.20	29.93 0.68 -0.89
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	74.80 2.92 -37.50	63.71 1.50 -43.91	64.00 2.48 -33.73	45.11 1.68 -23.89	36.55 1.63 -15.23	20.99 -0.10 -22.33	36.77 -0.20 -39.51	41.95 0.75 -31.96	50.11 2.03 -23.58	57.38 3.58 -10.14	59.20 3.41 -14.30	77.05 2.33 -47.07	76.98 1.80 -54.16	96.69 4.69 -34.24	99.22 3.32 -53.67	100.85 2.33 -70.54	149.07 0.96 -136.64	165.84 2.11 -137.48	151.50 2.49 -117.26	148.88 -0.15 -150.93	97.34 1.08 -82.70	97.65 1.70 -74.48	80.89 1.84 -56.07	74.65 2.38 -43.92
YORK___WARBASSE 23770	77.56 3.43 -39.75	66.96 1.74 -46.92	66.66 2.88 -35.98	46.17 1.95 -24.67	37.32 1.90 -15.72	21.70 -0.12 -23.06	38.03 -0.23 -40.80	43.14 0.89 -33.01	51.40 2.45 -24.45	58.78 4.48 -10.63	60.70 4.20 -14.99	80.13 2.80 -49.69	80.41 2.16 -57.23	99.87 5.51 -36.59	103.08 3.72 -57.13	105.24 2.52 -74.74	158.05 0.98 -145.60	174.31 2.13 -145.94	159.33 2.53 -125.04	157.72 -0.16 -159.78	101.91 1.19 -87.17	102.12 1.98 -78.66	84.52 2.19 -59.35	127.01 2.83 -95.82