

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/13/2001

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	47.34	47.48	47.56	44.28	41.69	43.36	42.89	43.27	45.96	44.66	45.75	43.31	45.05	44.34	36.80	36.46	38.67	40.56	40.21	41.71	43.88	42.46	41.17	38.81
24138	0.92	0.80	1.43	0.15	-0.37	-0.42	0.28	0.48	0.76	1.59	0.92	1.50	1.38	1.03	1.40	2.31	1.50	1.65	0.92	1.52	2.50	2.75	2.37	1.54
	-33.15	-33.98	-20.32	-41.90	-47.41	-49.77	-38.51	-36.33	-36.06	-25.46	-35.35	-26.76	-30.10	-32.50	-21.00	-9.46	-21.84	-21.46	-29.78	-23.81	-16.73	-10.61	-12.70	-18.59
74TH STREET_GT_1	47.34	47.48	47.56	44.28	41.69	43.36	42.89	43.27	45.96	44.66	45.75	43.31	45.05	44.34	36.80	36.46	38.67	40.56	40.21	41.71	43.88	42.46	41.17	38.81
24260	0.92	0.80	1.43	0.15	-0.37	-0.42	0.28	0.48	0.76	1.59	0.92	1.50	1.38	1.03	1.40	2.31	1.50	1.65	0.92	1.52	2.50	2.75	2.37	1.54
	-33.15	-33.98	-20.32	-41.90	-47.41	-49.77	-38.51	-36.33	-36.06	-25.46	-35.35	-26.76	-30.10	-32.50	-21.00	-9.46	-21.84	-21.46	-29.78	-23.81	-16.73	-10.61	-12.70	-18.59
74TH STREET_GT_2	47.34	47.48	47.56	44.28	41.69	43.36	42.89	43.27	45.96	44.66	45.75	43.31	45.05	44.34	36.80	36.46	38.67	40.56	40.21	41.71	43.88	42.46	41.17	38.81
24261	0.92	0.80	1.43	0.15	-0.37	-0.42	0.28	0.48	0.76	1.59	0.92	1.50	1.38	1.03	1.40	2.31	1.50	1.65	0.92	1.52	2.50	2.75	2.37	1.54
	-33.15	-33.98	-20.32	-41.90	-47.41	-49.77	-38.51	-36.33	-36.06	-25.46	-35.35	-26.76	-30.10	-32.50	-21.00	-9.46	-21.84	-21.46	-29.78	-23.81	-16.73	-10.61	-12.70	-18.59
ADK HUDSON___FALLS	58.03	58.57	55.32	57.21	56.13	58.56	54.82	54.58	57.09	52.17	56.25	50.82	53.38	53.88	42.44	38.26	43.78	45.60	47.65	47.44	47.67	44.83	44.27	44.24
24011	1.35	1.38	2.91	0.22	-0.49	-0.57	0.38	0.58	0.76	1.24	0.53	0.75	0.42	0.55	0.56	1.45	0.75	0.97	0.38	0.90	1.82	2.28	2.09	2.01
	-43.40	-44.49	-26.60	-54.77	-61.98	-65.12	-50.33	-47.53	-47.18	-33.31	-46.26	-35.01	-39.39	-42.53	-27.48	-12.12	-27.69	-27.18	-37.76	-30.16	-21.19	-13.44	-16.09	-23.55
ADK RESOURCE___RCVRY	58.03	58.57	55.32	57.21	56.13	58.56	54.82	54.58	57.09	52.17	56.25	50.82	53.38	53.88	42.44	38.26	43.78	45.60	47.65	47.44	47.67	44.83	44.27	44.24
23798	1.35	1.38	2.91	0.22	-0.49	-0.57	0.38	0.58	0.76	1.24	0.53	0.75	0.42	0.55	0.56	1.45	0.75	0.97	0.38	0.90	1.82	2.28	2.09	2.01
	-43.40	-44.49	-26.60	-54.77	-61.98	-65.12	-50.33	-47.53	-47.18	-33.31	-46.26	-35.01	-39.39	-42.53	-27.48	-12.12	-27.69	-27.18	-37.76	-30.16	-21.19	-13.44	-16.09	-23.55
ADK S GLENS___FALLS	58.03	58.57	55.32	57.21	56.13	58.56	54.82	54.58	57.09	52.17	56.25	50.82	53.38	53.88	42.44	38.26	43.78	45.60	47.65	47.44	47.67	44.83	44.27	44.24
24028	1.35	1.38	2.91	0.22	-0.49	-0.57	0.38	0.58	0.76	1.24	0.53	0.75	0.42	0.55	0.56	1.45	0.75	0.97	0.38	0.90	1.82	2.28	2.09	2.01
	-43.40	-44.49	-26.60	-54.77	-61.98	-65.12	-50.33	-47.53	-47.18	-33.31	-46.26	-35.01	-39.39	-42.53	-27.48	-12.12	-27.69	-27.18	-37.76	-30.16	-21.19	-13.44	-16.09	-23.55
ADK_NYS___DAM	57.07	57.76	55.05	56.15	54.87	57.21	53.84	53.64	56.13	51.53	55.43	50.40	53.00	53.22	42.23	38.60	43.59	45.47	47.11	47.16	47.32	44.63	44.19	43.79
23527	1.27	1.47	3.17	0.23	-0.52	-0.59	0.40	0.61	0.77	1.29	0.63	1.05	0.84	0.75	0.91	2.02	1.10	1.36	0.58	1.19	1.89	2.34	2.31	2.02
	-42.52	-43.58	-26.06	-53.69	-60.75	-63.80	-49.33	-46.57	-46.22	-32.63	-45.32	-34.30	-38.59	-41.66	-26.92	-11.88	-27.15	-26.66	-37.01	-29.58	-20.78	-13.19	-15.78	-23.10
ALBANY___1	56.85	57.37	54.09	56.09	55.07	57.45	53.70	53.44	55.97	51.35	55.36	50.31	52.98	53.17	42.17	38.40	43.50	45.35	47.05	47.01	47.34	44.58	43.96	43.42
23571	1.04	1.07	2.21	0.16	-0.33	-0.37	0.25	0.40	0.59	1.10	0.56	0.94	0.81	0.69	0.85	1.83	1.01	1.24	0.52	1.04	1.91	2.29	2.08	1.65
	-42.53	-43.59	-26.07	-53.70	-60.76	-63.81	-49.34	-46.58	-46.24	-32.64	-45.33	-34.31	-38.60	-41.67	-26.93	-11.88	-27.15	-26.66	-37.01	-29.58	-20.78	-13.19	-15.78	-23.10
ALBANY___2	56.85	57.37	54.09	56.09	55.07	57.45	53.70	53.44	55.97	51.35	55.36	50.31	52.98	53.17	42.17	38.40	43.50	45.35	47.05	47.01	47.34	44.58	43.96	43.42
23572	1.04	1.07	2.21	0.16	-0.33	-0.37	0.25	0.40	0.59	1.10	0.56	0.94	0.81	0.69	0.85	1.83	1.01	1.24	0.52	1.04	1.91	2.29	2.08	1.65
	-42.53	-43.59	-26.07	-53.70	-60.76	-63.81	-49.34	-46.58	-46.24	-32.64	-45.33	-34.31	-38.60	-41.67	-26.93	-11.88	-27.15	-26.66	-37.01	-29.58	-20.78	-13.19	-15.78	-23.10
ALBANY___3	56.85	57.37	54.09	56.09	55.07	57.45	53.70	53.44	55.97	51.35	55.36	50.31	52.98	53.17	42.17	38.40	43.50	45.35	47.05	47.01	47.34	44.58	43.96	43.42
23573	1.04	1.07	2.21	0.16	-0.33	-0.37	0.25	0.40	0.59	1.10	0.56	0.94	0.81	0.69	0.85	1.83	1.01	1.24	0.52	1.04	1.91	2.29	2.08	1.65
	-42.53	-43.59	-26.07	-53.70	-60.76	-63.81	-49.34	-46.58	-46.24	-32.64	-45.33	-34.31	-38.60	-41.67	-26.93	-11.88	-27.15	-26.66	-37.01	-29.58	-20.78	-13.19	-15.78	-23.10
ALBANY___4	56.85	57.37	54.09	56.09	55.07	57.45	53.70	53.44	55.97	51.35	55.36	50.31	52.98	53.17	42.17	38.40	43.50	45.35	47.05	47.01	47.34	44.58	43.96	43.42
23574	1.04	1.07	2.21	0.16	-0.33	-0.37	0.25	0.40	0.59	1.10	0.56	0.94	0.81	0.69	0.85	1.83	1.01	1.24	0.52	1.04	1.91	2.29	2.08	1.65
	-42.53	-43.59	-26.07	-53.70	-60.76	-63.81	-49.34	-46.58	-46.24	-32.64	-45.33	-34.31	-38.60	-41.67	-26.93	-11.88	-27.15	-26.66	-37.01	-29.58	-20.78	-13.19	-15.78	-23.10
ALLEGHENY___COGEN	18.49	18.28	28.99	9.24	2.74	2.52	10.52	12.51	15.10	21.65	15.28	19.32	18.42	16.17	17.78	26.00	18.62	20.65	14.10	19.98	27.06	30.53	27.84	21.43
23514	-0.38	-0.16	-0.25	-0.04	0.11	0.12	-0.07	-0.08	-0.12	-0.26	-0.15	-0.25	-0.23	-0.12	-0.16	-0.22	-0.18	-0.19	-0.12	-0.16	-0.24	-0.25	-0.26	-0.18
	-5.59	-5.74	-3.43	-7.05	-7.98	-8.40	-6.48	-6.13	-6.08	-4.29	-5.96	-4.51	-5.08	-5.48	-3.54	-1.53	-3.46	-3.39	-4.70	-3.76	-2.64	-1.67	-2.01	-2.93

AMERICAN_REF_FUEL 24010	17.15 -1.16 -5.03	16.69 -1.18 -5.16	26.55 -2.35 -3.09	8.37 -0.18 -6.33	2.18 0.36 -7.17	1.97 0.41 -7.55	9.69 -0.24 -5.82	11.57 -0.41 -5.51	13.95 -0.66 -5.47	20.16 -1.32 -3.86	14.15 -0.69 -5.36	17.96 -1.16 -4.06	17.13 -1.01 -4.57	14.93 -0.81 -4.93	16.60 -0.99 -3.19	23.92 -2.15 -1.38	17.32 -1.13 -3.11	19.11 -1.39 -3.05	13.19 -0.55 -4.23	18.54 -1.22 -3.38	24.58 -2.45 -2.38	27.76 -2.85 -1.51	25.29 -2.61 -1.80	19.45 -1.87 -2.64
AMERICAN__BRASS 23903	17.19 -1.16 -5.07	16.72 -1.18 -5.20	26.57 -2.35 -3.11	8.42 -0.18 -6.37	2.22 0.36 -7.22	2.02 0.41 -7.60	9.73 -0.24 -5.86	11.60 -0.41 -5.55	14.00 -0.66 -5.51	20.18 -1.32 -3.89	14.19 -0.69 -5.40	17.99 -1.16 -4.09	17.17 -1.01 -4.60	14.97 -0.81 -4.97	16.62 -0.99 -3.21	23.93 -2.15 -1.39	17.35 -1.13 -3.14	19.13 -1.39 -3.07	13.22 -0.55 -4.26	18.57 -1.22 -3.41	24.60 -2.45 -2.39	27.77 -2.85 -1.52	25.30 -2.61 -1.82	19.47 -1.87 -2.66
ARTHUR KILL_GT_1 23520	47.20 0.77 -33.15	47.35 0.67 -33.98	47.31 1.18 -20.32	44.28 0.15 -41.90	41.69 -0.37 -47.41	43.37 -0.41 -49.77	42.89 0.27 -38.51	43.25 0.46 -36.33	45.90 0.70 -36.06	44.50 1.43 -25.46	45.64 0.81 -35.35	43.16 1.34 -26.76	44.92 1.25 -30.10	44.23 0.92 -32.50	36.69 1.29 -21.00	36.36 2.21 -9.46	38.63 1.45 -21.84	40.51 1.60 -21.46	40.17 0.87 -29.79	41.63 1.43 -23.81	43.73 2.35 -16.73	42.26 2.54 -10.61	41.03 2.23 -12.70	38.73 1.46 -18.59
ARTHUR_KILL_2 23512	47.20 0.77 -33.15	47.35 0.67 -33.98	47.31 1.18 -20.32	44.28 0.15 -41.90	41.69 -0.37 -47.41	43.37 -0.41 -49.77	42.89 0.27 -38.51	43.25 0.46 -36.33	45.90 0.70 -36.06	44.50 1.43 -25.46	45.64 0.81 -35.35	43.16 1.34 -26.76	44.92 1.25 -30.10	44.23 0.92 -32.50	36.69 1.29 -21.00	36.36 2.21 -9.46	38.63 1.45 -21.84	40.51 1.60 -21.46	40.17 0.87 -29.79	41.63 1.43 -23.81	43.73 2.35 -16.73	42.26 2.54 -10.61	41.03 2.23 -12.70	38.73 1.46 -18.59
ARTHUR_KILL_3 23513	47.30 0.88 -33.15	47.46 0.78 -33.98	47.50 1.38 -20.32	44.28 0.15 -41.90	41.69 -0.37 -47.41	43.37 -0.41 -49.77	42.89 0.27 -38.51	43.26 0.47 -36.33	45.93 0.73 -36.06	44.60 1.53 -25.46	45.71 0.88 -35.35	43.26 1.44 -26.76	45.00 1.33 -30.10	44.30 0.99 -32.50	36.75 1.35 -21.00	36.39 2.24 -9.46	38.63 1.45 -21.84	40.52 1.61 -21.46	40.19 0.89 -29.79	41.67 1.47 -23.81	43.82 2.43 -16.73	42.39 2.67 -10.61	41.13 2.33 -12.70	38.79 1.52 -18.59
ASHOKAN____ 23654	50.22 0.65 -36.29	50.51 0.60 -37.20	49.19 1.14 -22.24	48.18 0.11 -45.85	46.24 -0.27 -51.86	48.15 -0.31 -54.45	46.43 0.20 -42.11	46.52 0.31 -39.74	49.06 0.47 -39.45	46.41 0.94 -27.85	48.68 0.54 -38.67	45.18 0.86 -29.27	47.25 0.75 -32.93	46.94 0.58 -35.55	38.14 0.76 -22.98	36.12 1.26 -10.16	39.42 0.82 -23.26	41.55 0.93 -23.17	42.22 0.53 -32.18	42.98 0.89 -25.71	44.10 1.39 -18.06	42.08 1.52 -11.46	41.09 1.28 -13.72	39.64 0.89 -20.07
ASTORIA 5-9____ 23662	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.19 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59
ASTORIA GT2____ 23536	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.18 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59
ASTORIA GT3____ 23731	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.18 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59
ASTORIA GT4____ 23727	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.18 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59
ASTORIA_GT2_1 24094	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.18 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59
ASTORIA_GT2_2 24095	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.18 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59
ASTORIA_GT2_3 24096	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.18 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59
ASTORIA_GT2_4 24097	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.18 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59
ASTORIA_GT3_1 24098	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.18 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59
ASTORIA_GT3_2 24099	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.18 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59

ASTORIA_GT3_3 24100	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.18 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59
ASTORIA_GT3_4 24101	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.18 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59
ASTORIA_GT4_1 24102	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.18 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59
ASTORIA_GT4_2 24103	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.18 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59
ASTORIA_GT4_3 24104	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.18 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59
ASTORIA_GT4_4 24105	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.18 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59
ASTORIA_GT_1 23523	47.48 1.05 -33.15	47.60 0.92 -33.98	47.74 1.61 -20.32	44.29 0.17 -41.90	41.65 -0.42 -47.42	43.32 -0.47 -49.77	42.93 0.31 -38.51	43.33 0.54 -36.33	46.06 0.85 -36.07	44.86 1.78 -25.46	45.86 1.03 -35.36	43.49 1.67 -26.76	45.21 1.53 -30.11	44.47 1.15 -32.50	36.97 1.56 -21.00	36.73 2.58 -9.46	38.84 1.66 -21.84	40.76 1.84 -21.46	40.32 1.02 -29.79	41.89 1.69 -23.81	44.17 2.78 -16.73	42.74 3.02 -10.61	41.42 2.62 -12.70	39.01 1.74 -18.59
ASTORIA_GT_10 24110	47.48 1.05 -33.15	47.60 0.92 -33.98	47.74 1.61 -20.32	44.29 0.17 -41.90	41.65 -0.42 -47.42	43.32 -0.47 -49.77	42.93 0.31 -38.51	43.33 0.54 -36.33	46.06 0.85 -36.07	44.86 1.78 -25.46	45.86 1.03 -35.36	43.49 1.67 -26.76	45.21 1.53 -30.11	44.47 1.15 -32.50	36.97 1.56 -21.00	36.73 2.58 -9.46	38.84 1.66 -21.84	40.76 1.84 -21.46	40.32 1.02 -29.79	41.89 1.69 -23.81	44.17 2.78 -16.73	42.74 3.02 -10.61	41.42 2.62 -12.70	39.01 1.74 -18.59
ASTORIA_GT_11 24225	47.48 1.05 -33.15	47.60 0.92 -33.98	47.74 1.61 -20.32	44.29 0.17 -41.90	41.65 -0.42 -47.42	43.32 -0.47 -49.77	42.93 0.31 -38.51	43.33 0.54 -36.33	46.06 0.85 -36.07	44.86 1.78 -25.46	45.86 1.03 -35.36	43.49 1.67 -26.76	45.21 1.53 -30.11	44.47 1.15 -32.50	36.97 1.56 -21.00	36.73 2.58 -9.46	38.84 1.66 -21.84	40.76 1.84 -21.46	40.32 1.02 -29.79	41.89 1.69 -23.81	44.17 2.78 -16.73	42.74 3.02 -10.61	41.42 2.62 -12.70	39.01 1.74 -18.59
ASTORIA_GT_12 24226	47.48 1.05 -33.15	47.60 0.92 -33.98	47.74 1.61 -20.32	44.29 0.17 -41.90	41.65 -0.42 -47.42	43.32 -0.47 -49.77	42.93 0.31 -38.51	43.33 0.54 -36.33	46.06 0.85 -36.07	44.86 1.78 -25.46	45.86 1.03 -35.36	43.49 1.67 -26.76	45.21 1.53 -30.11	44.47 1.15 -32.50	36.97 1.56 -21.00	36.73 2.58 -9.46	38.84 1.66 -21.84	40.76 1.84 -21.46	40.32 1.02 -29.79	41.89 1.69 -23.81	44.17 2.78 -16.73	42.74 3.02 -10.61	41.42 2.62 -12.70	39.01 1.74 -18.59
ASTORIA_GT_13 24227	47.48 1.05 -33.15	47.60 0.92 -33.98	47.74 1.61 -20.32	44.29 0.17 -41.90	41.65 -0.42 -47.42	43.32 -0.47 -49.77	42.93 0.31 -38.51	43.33 0.54 -36.33	46.06 0.85 -36.07	44.86 1.78 -25.46	45.86 1.03 -35.36	43.49 1.67 -26.76	45.21 1.53 -30.11	44.47 1.15 -32.50	36.97 1.56 -21.00	36.73 2.58 -9.46	38.84 1.66 -21.84	40.76 1.84 -21.46	40.32 1.02 -29.79	41.89 1.69 -23.81	44.17 2.78 -16.73	42.74 3.02 -10.61	41.42 2.62 -12.70	39.01 1.74 -18.59
ASTORIA_GT_5 24106	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.19 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59
ASTORIA_GT_7 24107	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.19 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59
ASTORIA_GT_8 24108	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.19 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59
ASTORIA_GT_9 24109	47.70 1.28 -33.15	47.79 1.11 -33.98	48.11 1.98 -20.32	44.32 0.20 -41.90	41.57 -0.49 -47.41	43.24 -0.54 -49.77	42.98 0.36 -38.51	43.42 0.63 -36.33	46.20 0.99 -36.07	45.15 2.08 -25.46	46.04 1.21 -35.36	43.77 1.96 -26.76	45.47 1.79 -30.11	44.67 1.36 -32.50	37.24 1.84 -21.00	37.19 3.04 -9.46	39.13 1.95 -21.84	41.07 2.16 -21.46	40.49 1.19 -29.79	42.19 1.99 -23.81	44.66 3.28 -16.73	43.36 3.64 -10.61	41.94 3.14 -12.70	39.33 2.06 -18.59
ASTORIA___2 24149	47.73 1.30 -33.15	47.82 1.14 -33.98	48.16 2.03 -20.32	44.33 0.20 -41.90	41.56 -0.50 -47.41	43.23 -0.56 -49.77	42.99 0.37 -38.51	43.43 0.64 -36.33	46.22 1.01 -36.07	45.19 2.12 -25.46	46.06 1.23 -35.36	43.81 2.00 -26.76	45.51 1.83 -30.11	44.70 1.39 -32.50	37.28 1.87 -21.00	37.26 3.10 -9.46	39.16 1.99 -21.84	41.12 2.21 -21.46	40.52 1.22 -29.79	42.23 2.03 -23.81	44.73 3.35 -16.73	43.44 3.72 -10.61	42.00 3.21 -12.70	39.38 2.11 -18.59

ASTORIA___3 23516	47.66 1.23 -33.15	47.76 1.08 -33.98	48.04 1.91 -20.32	44.32 0.19 -41.90	41.59 -0.48 -47.42	43.26 -0.53 -49.77	42.97 0.35 -38.51	43.40 0.61 -36.33	46.17 0.96 -36.07	45.10 2.02 -25.46	46.00 1.17 -35.36	43.72 1.91 -26.76	45.43 1.75 -30.11	44.64 1.33 -32.50	37.20 1.79 -21.00	37.11 2.96 -9.46	39.07 1.89 -21.84	41.02 2.10 -21.46	40.46 1.16 -29.79	42.13 1.93 -23.81	44.58 3.20 -16.73	43.26 3.54 -10.61	41.85 3.05 -12.70	39.27 2.00 -18.59
ASTORIA___4 23517	47.43 1.00 -33.15	47.55 0.87 -33.98	47.61 1.48 -20.32	44.29 0.16 -41.90	41.65 -0.41 -47.41	43.33 -0.45 -49.77	42.92 0.30 -38.51	43.31 0.52 -36.33	46.03 0.82 -36.07	44.80 1.72 -25.46	45.83 1.00 -35.36	43.42 1.60 -26.76	45.14 1.46 -30.11	44.41 1.10 -32.50	36.89 1.49 -21.00	36.61 2.45 -9.46	38.76 1.59 -21.84	40.66 1.75 -21.46	40.27 0.97 -29.79	41.81 1.61 -23.81	44.02 2.63 -16.73	42.54 2.82 -10.61	41.27 2.47 -12.70	38.95 1.68 -18.59
ASTORIA___5 23518	47.67 1.24 -33.15	47.77 1.08 -33.98	48.05 1.92 -20.32	44.32 0.19 -41.90	41.58 -0.48 -47.41	43.25 -0.53 -49.77	42.97 0.35 -38.51	43.41 0.61 -36.33	46.17 0.97 -36.07	45.10 2.03 -25.46	46.01 1.18 -35.36	43.73 1.91 -26.76	45.43 1.75 -30.11	44.64 1.33 -32.50	37.20 1.79 -21.00	37.12 2.96 -9.46	39.08 1.90 -21.84	41.02 2.11 -21.46	40.47 1.17 -29.79	42.14 1.94 -23.81	44.59 3.20 -16.73	43.27 3.55 -10.61	41.85 3.06 -12.70	39.28 2.01 -18.59
ASTRIA 10-13____ 23663	47.48 1.05 -33.15	47.60 0.92 -33.98	47.74 1.61 -20.32	44.29 0.17 -41.90	41.65 -0.42 -47.42	43.32 -0.47 -49.77	42.93 0.31 -38.51	43.33 0.54 -36.33	46.06 0.85 -36.07	44.86 1.78 -25.46	45.86 1.03 -35.36	43.49 1.67 -26.76	45.21 1.53 -30.11	44.47 1.15 -32.50	36.97 1.56 -21.00	36.73 2.58 -9.46	38.84 1.66 -21.84	40.76 1.84 -21.46	40.32 1.02 -29.79	41.89 1.69 -23.81	44.17 2.78 -16.73	42.74 3.02 -10.61	41.42 2.62 -12.70	39.01 1.74 -18.59
BARRETT 1-8___GRP4 24034	47.15 0.72 -33.15	47.34 0.66 -33.98	47.34 1.21 -20.32	44.27 0.13 -41.91	41.72 -0.34 -47.41	43.39 -0.38 -49.76	42.86 0.25 -38.50	43.21 0.43 -36.32	45.88 0.68 -36.06	47.28 1.42 -28.25	51.97 0.78 -41.72	49.65 1.24 -33.36	46.82 1.14 -32.11	44.15 0.85 -32.50	36.57 1.17 -21.00	36.07 1.92 -9.46	40.73 1.25 -24.14	43.58 1.38 -24.76	41.10 0.77 -30.81	41.47 1.27 -23.81	51.90 2.05 -25.20	45.68 2.19 -14.38	43.40 1.89 -15.41	38.55 1.28 -18.59
BARRETT 9-12___GRP3 24033	47.15 0.72 -33.15	47.34 0.66 -33.98	47.34 1.21 -20.32	44.27 0.13 -41.91	41.72 -0.34 -47.41	43.39 -0.38 -49.76	42.86 0.25 -38.50	43.21 0.43 -36.32	45.88 0.68 -36.06	47.28 1.42 -28.25	51.97 0.78 -41.72	49.65 1.24 -33.36	46.82 1.14 -32.11	44.15 0.85 -32.50	36.57 1.17 -21.00	36.07 1.92 -9.46	40.73 1.25 -24.14	43.58 1.38 -24.76	41.10 0.77 -30.81	41.47 1.27 -23.81	51.90 2.05 -25.20	45.68 2.19 -14.38	43.40 1.89 -15.41	38.55 1.28 -18.59
BARRETT_IC_1 23704	47.15 0.72 -33.15	47.34 0.66 -33.98	47.34 1.21 -20.32	44.27 0.13 -41.91	41.72 -0.34 -47.41	43.39 -0.38 -49.76	42.86 0.25 -38.50	43.21 0.43 -36.32	45.88 0.68 -36.06	47.28 1.42 -28.25	51.97 0.78 -41.72	49.65 1.24 -33.36	46.82 1.14 -32.11	44.15 0.85 -32.50	36.57 1.17 -21.00	36.07 1.92 -9.46	40.73 1.25 -24.14	43.58 1.38 -24.76	41.10 0.77 -30.81	41.47 1.27 -23.81	51.90 2.05 -25.20	45.68 2.19 -14.38	43.40 1.89 -15.41	38.55 1.28 -18.59
BARRETT_IC_10 23701	47.15 0.72 -33.15	47.34 0.66 -33.98	47.34 1.21 -20.32	44.27 0.13 -41.91	41.72 -0.34 -47.41	43.39 -0.38 -49.76	42.86 0.25 -38.50	43.21 0.43 -36.32	45.88 0.68 -36.06	47.28 1.42 -28.25	51.97 0.78 -41.72	49.65 1.24 -33.36	46.82 1.14 -32.11	44.15 0.85 -32.50	36.57 1.17 -21.00	36.07 1.92 -9.46	40.73 1.25 -24.14	43.58 1.38 -24.76	41.10 0.77 -30.81	41.47 1.27 -23.81	51.90 2.05 -25.20	45.68 2.19 -14.38	43.40 1.89 -15.41	38.55 1.28 -18.59
BARRETT_IC_11 23702	47.15 0.72 -33.15	47.34 0.66 -33.98	47.34 1.21 -20.32	44.27 0.13 -41.91	41.72 -0.34 -47.41	43.39 -0.38 -49.76	42.86 0.25 -38.50	43.21 0.43 -36.32	45.88 0.68 -36.06	47.28 1.42 -28.25	51.97 0.78 -41.72	49.65 1.24 -33.36	46.82 1.14 -32.11	44.15 0.85 -32.50	36.57 1.17 -21.00	36.07 1.92 -9.46	40.73 1.25 -24.14	43.58 1.38 -24.76	41.10 0.77 -30.81	41.47 1.27 -23.81	51.90 2.05 -25.20	45.68 2.19 -14.38	43.40 1.89 -15.41	38.55 1.28 -18.59
BARRETT_IC_12 23703	47.15 0.72 -33.15	47.34 0.66 -33.98	47.34 1.21 -20.32	44.27 0.13 -41.91	41.72 -0.34 -47.41	43.39 -0.38 -49.76	42.86 0.25 -38.50	43.21 0.43 -36.32	45.88 0.68 -36.06	47.28 1.42 -28.25	51.97 0.78 -41.72	49.65 1.24 -33.36	46.82 1.14 -32.11	44.15 0.85 -32.50	36.57 1.17 -21.00	36.07 1.92 -9.46	40.73 1.25 -24.14	43.58 1.38 -24.76	41.10 0.77 -30.81	41.47 1.27 -23.81	51.90 2.05 -25.20	45.68 2.19 -14.38	43.40 1.89 -15.41	38.55 1.28 -18.59
BARRETT_IC_2 23705	47.15 0.72 -33.15	47.34 0.66 -33.98	47.34 1.21 -20.32	44.27 0.13 -41.91	41.72 -0.34 -47.41	43.39 -0.38 -49.76	42.86 0.25 -38.50	43.21 0.43 -36.32	45.88 0.68 -36.06	47.28 1.42 -28.25	51.97 0.78 -41.72	49.65 1.24 -33.36	46.82 1.14 -32.11	44.15 0.85 -32.50	36.57 1.17 -21.00	36.07 1.92 -9.46	40.73 1.25 -24.14	43.58 1.38 -24.76	41.10 0.77 -30.81	41.47 1.27 -23.81	51.90 2.05 -25.20	45.68 2.19 -14.38	43.40 1.89 -15.41	38.55 1.28 -18.59
BARRETT_IC_3 23706	47.15 0.72 -33.15	47.34 0.66 -33.98	47.34 1.21 -20.32	44.27 0.13 -41.91	41.72 -0.34 -47.41	43.39 -0.38 -49.76	42.86 0.25 -38.50	43.21 0.43 -36.32	45.88 0.68 -36.06	47.28 1.42 -28.25	51.97 0.78 -41.72	49.65 1.24 -33.36	46.82 1.14 -32.11	44.15 0.85 -32.50	36.57 1.17 -21.00	36.07 1.92 -9.46	40.73 1.25 -24.14	43.58 1.38 -24.76	41.10 0.77 -30.81	41.47 1.27 -23.81	51.90 2.05 -25.20	45.68 2.19 -14.38	43.40 1.89 -15.41	38.55 1.28 -18.59
BARRETT_IC_4 23707	47.15 0.72 -33.15	47.34 0.66 -33.98	47.34 1.21 -20.32	44.27 0.13 -41.91	41.72 -0.34 -47.41	43.39 -0.38 -49.76	42.86 0.25 -38.50	43.21 0.43 -36.32	45.88 0.68 -36.06	47.28 1.42 -28.25	51.97 0.78 -41.72	49.65 1.24 -33.36	46.82 1.14 -32.11	44.15 0.85 -32.50	36.57 1.17 -21.00	36.07 1.92 -9.46	40.73 1.25 -24.14	43.58 1.38 -24.76	41.10 0.77 -30.81	41.47 1.27 -23.81	51.90 2.05 -25.20	45.68 2.19 -14.38	43.40 1.89 -15.41	38.55 1.28 -18.59
BARRETT_IC_5 23708	47.15 0.72 -33.15	47.34 0.66 -33.98	47.34 1.21 -20.32	44.27 0.13 -41.91	41.72 -0.34 -47.41	43.39 -0.38 -49.76	42.86 0.25 -38.50	43.21 0.43 -36.32	45.88 0.68 -36.06	47.28 1.42 -28.25	51.97 0.78 -41.72	49.65 1.24 -33.36	46.82 1.14 -32.11	44.15 0.85 -32.50	36.57 1.17 -21.00	36.07 1.92 -9.46	40.73 1.25 -24.14	43.58 1.38 -24.76	41.10 0.77 -30.81	41.47 1.27 -23.81	51.90 2.05 -25.20	45.68 2.19 -14.38	43.40 1.89 -15.41	38.55 1.28 -18.59
BARRETT_IC_6 23709	47.15 0.72 -33.15	47.34 0.66 -33.98	47.34 1.21 -20.32	44.27 0.13 -41.91	41.72 -0.34 -47.41	43.39 -0.38 -49.76	42.86 0.25 -38.50	43.21 0.43 -36.32	45.88 0.68 -36.06	47.28 1.42 -28.25	51.97 0.78 -41.72	49.65 1.24 -33.36	46.82 1.14 -32.11	44.15 0.85 -32.50	36.57 1.17 -21.00	36.07 1.92 -9.46	40.73 1.25 -24.14	43.58 1.38 -24.76	41.10 0.77 -30.81	41.47 1.27 -23.81	51.90 2.05 -25.20	45.68 2.19 -14.38	43.40 1.89 -15.41	38.55 1.28 -18.59
BARRETT_IC_7 23710	47.15 0.72 -33.15	47.34 0.66 -33.98	47.34 1.21 -20.32	44.27 0.13 -41.91	41.72 -0.34 -47.41	43.39 -0.38 -49.76	42.86 0.25 -38.50	43.21 0.43 -36.32	45.88 0.68 -36.06	47.28 1.42 -28.25	51.97 0.78 -41.72	49.65 1.24 -33.36	46.82 1.14 -32.11	44.15 0.85 -32.50	36.57 1.17 -21.00	36.07 1.92 -9.46	40.73 1.25 -24.14	43.58 1.38 -24.76	41.10 0.77 -30.81	41.47 1.27 -23.81	51.90 2.05 -25.20	45.68 2.19 -14.38	43.40 1.89 -15.41	38.55 1.28 -18.59

BARRETT_IC_8 23711	47.15 0.72 -33.15	47.34 0.66 -33.98	47.34 1.21 -20.32	44.27 0.13 -41.91	41.72 -0.34 -47.41	43.39 -0.38 -49.76	42.86 0.25 -38.50	43.21 0.43 -36.32	45.88 0.68 -36.06	47.28 1.42 -28.25	51.97 0.78 -41.72	49.65 1.24 -33.36	46.82 1.14 -32.11	44.15 0.85 -32.50	36.57 1.17 -21.00	36.07 1.92 -9.46	40.73 1.25 -24.14	43.58 1.38 -24.76	41.10 0.77 -30.81	41.47 1.27 -23.81	51.90 2.05 -25.20	45.68 2.19 -14.38	43.40 1.89 -15.41	38.55 1.28 -18.59
BARRETT_IC_9 23700	47.15 0.72 -33.15	47.34 0.66 -33.98	47.34 1.21 -20.32	44.27 0.13 -41.91	41.72 -0.34 -47.41	43.39 -0.38 -49.76	42.86 0.25 -38.50	43.21 0.43 -36.32	45.88 0.68 -36.06	47.28 1.42 -28.25	51.97 0.78 -41.72	49.65 1.24 -33.36	46.82 1.14 -32.11	44.15 0.85 -32.50	36.57 1.17 -21.00	36.07 1.92 -9.46	40.73 1.25 -24.14	43.58 1.38 -24.76	41.10 0.77 -30.81	41.47 1.27 -23.81	51.90 2.05 -25.20	45.68 2.19 -14.38	43.40 1.89 -15.41	38.55 1.28 -18.59
BARRETT___1 23545	47.15 0.72 -33.15	47.34 0.66 -33.98	47.34 1.21 -20.32	44.27 0.13 -41.91	41.72 -0.34 -47.41	43.39 -0.38 -49.76	42.86 0.25 -38.50	43.21 0.43 -36.32	45.87 0.68 -36.06	47.28 1.41 -28.25	51.97 0.78 -41.72	49.65 1.24 -33.36	46.82 1.14 -32.11	44.15 0.85 -32.50	36.57 1.17 -21.00	36.07 1.92 -9.46	40.73 1.25 -24.14	43.58 1.38 -24.76	41.10 0.77 -30.81	41.46 1.27 -23.81	51.90 2.05 -25.20	45.68 2.19 -14.38	43.40 1.89 -15.41	38.55 1.28 -18.59
BARRETT___2 23546	47.05 0.63 -33.15	47.28 0.60 -33.98	47.24 1.11 -20.32	44.26 0.12 -41.91	41.73 -0.33 -47.41	43.41 -0.37 -49.76	42.85 0.24 -38.50	43.20 0.42 -36.32	45.85 0.65 -36.06	47.24 1.37 -28.25	51.91 0.72 -41.72	49.56 1.15 -33.36	46.74 1.05 -32.11	44.08 0.77 -32.50	36.47 1.07 -21.00	35.91 1.76 -9.46	40.63 1.15 -24.14	43.46 1.26 -24.76	41.03 0.71 -30.81	41.35 1.16 -23.81	51.72 1.87 -25.20	45.47 1.98 -14.38	43.22 1.72 -15.41	38.47 1.20 -18.59
BEAVER RIVER___HYD 24048	13.73 -0.13 -0.58	13.25 -0.04 -0.59	26.28 0.11 -0.35	2.93 -0.03 -0.73	-4.38 0.14 -0.83	-4.96 0.16 -0.87	4.69 -0.09 -0.67	7.02 -0.07 -0.63	9.67 -0.10 -0.63	17.88 -0.18 -0.44	9.92 -0.17 -0.62	15.29 -0.23 -0.47	13.93 -0.16 -0.52	11.32 -0.05 -0.57	14.65 -0.12 -0.37	25.03 0.18 -0.16	15.68 -0.03 -0.37	17.86 0.05 -0.36	9.87 -0.15 -0.50	16.69 -0.10 -0.40	25.02 0.08 -0.28	29.30 0.02 -0.18	26.41 0.10 -0.21	19.23 0.24 -0.31
BEEBEE_GT_13 23619	17.14 -0.10 -3.95	16.60 -0.15 -4.05	27.95 -0.29 -2.42	7.21 -0.05 -5.04	0.46 0.13 -5.68	0.09 0.14 -5.94	8.66 -0.07 -4.62	10.69 -0.10 -4.33	13.34 -0.10 -4.30	20.46 -0.19 -3.04	13.56 -0.13 -4.22	18.03 -0.22 -3.19	16.97 -0.19 -3.59	14.60 -0.08 -3.88	16.74 -0.16 -2.50	25.57 -0.21 -1.08	17.58 -0.21 -2.45	19.66 -0.18 -2.40	12.67 -0.16 -3.31	18.81 -0.24 -2.66	26.31 -0.21 -1.87	30.30 0.01 -1.19	27.33 -0.18 -1.42	20.55 -0.20 -2.08
BETHLEHEM___STEEL 23779	17.65 -1.02 -5.39	17.19 -1.04 -5.53	27.05 -2.07 -3.30	8.89 -0.15 -6.82	2.66 0.30 -7.71	2.45 0.35 -8.09	10.17 -0.20 -6.26	12.03 -0.34 -5.91	14.46 -0.54 -5.86	20.67 -1.08 -4.14	14.68 -0.54 -5.75	18.46 -0.94 -4.35	17.64 -0.82 -4.89	15.42 -0.67 -5.28	17.01 -0.81 -3.41	24.34 -1.83 -1.48	17.71 -0.97 -3.34	19.50 -1.21 -3.27	13.60 -0.46 -4.55	19.01 -1.00 -3.62	25.15 -2.05 -2.55	28.31 -2.41 -1.61	25.81 -2.21 -1.93	19.82 -1.68 -2.83
BINGHAMTON___COGEN 23790	24.04 0.02 -10.75	23.70 -0.02 -11.02	32.33 -0.07 -6.59	15.84 0.01 -13.60	9.99 -0.03 -15.37	10.11 -0.03 -16.12	16.61 0.02 -12.48	18.29 0.06 -11.77	20.93 0.11 -11.68	26.10 0.23 -8.25	21.08 0.15 -11.45	23.95 0.23 -8.67	23.54 0.22 -9.75	21.47 0.14 -10.53	21.40 0.20 -6.80	27.88 0.25 -2.94	22.19 0.20 -6.65	24.15 0.20 -6.51	18.69 0.15 -9.02	23.85 0.25 -7.22	30.01 0.28 -5.07	32.55 0.23 -3.22	30.13 0.18 -3.85	24.33 0.02 -5.64
BLACK RIVER___HYD 24047	14.31 -0.16 -1.19	13.86 -0.06 -1.22	26.65 0.11 -0.73	3.69 -0.04 -1.51	-3.47 0.18 -1.71	-4.00 0.20 -1.79	5.38 -0.12 -1.39	7.68 -0.09 -1.31	10.32 -0.12 -1.30	18.30 -0.23 -0.92	10.53 -0.22 -1.27	15.72 -0.30 -0.96	14.45 -0.21 -1.08	11.92 -0.05 -1.17	15.00 -0.16 -0.76	25.22 0.20 -0.33	16.05 -0.04 -0.75	18.22 0.04 -0.73	10.35 -0.18 -1.02	17.06 -0.14 -0.81	25.28 0.05 -0.57	29.40 -0.06 -0.36	26.57 0.04 -0.43	19.54 0.23 -0.63
BOWLINE___1 23526	46.31 0.61 -32.42	46.48 0.54 -33.24	46.64 0.95 -19.87	43.24 0.10 -40.91	40.55 -0.27 -46.16	42.21 -0.30 -48.50	41.79 0.20 -37.49	42.21 0.35 -35.40	44.83 0.55 -35.14	43.58 1.16 -24.81	44.60 0.68 -34.45	42.23 1.10 -26.07	43.92 1.01 -29.33	43.23 0.76 -31.67	35.89 1.02 -20.47	35.59 1.64 -9.25	37.82 1.09 -21.40	39.67 1.19 -21.03	39.39 0.68 -29.19	40.83 1.12 -23.33	42.82 1.78 -16.39	41.43 1.93 -10.40	40.16 1.62 -12.45	37.89 1.00 -18.22
BOWLINE___2 23595	46.32 0.61 -32.43	46.48 0.54 -33.24	46.64 0.95 -19.88	43.25 0.10 -40.92	40.56 -0.27 -46.17	42.22 -0.30 -48.51	41.80 0.20 -37.50	42.22 0.35 -35.41	44.84 0.55 -35.15	43.59 1.16 -24.81	44.60 0.68 -34.45	42.23 1.10 -26.08	43.92 1.01 -29.34	43.24 0.76 -31.68	35.89 1.02 -20.47	35.59 1.64 -9.25	37.82 1.09 -21.40	39.67 1.19 -21.03	39.39 0.68 -29.19	40.84 1.12 -23.34	42.83 1.78 -16.39	41.43 1.93 -10.40	40.17 1.62 -12.45	37.89 1.00 -18.22
BROOKLYN_NAVY_YARD 23515	47.31 0.88 -33.15	47.45 0.77 -33.98	47.50 1.37 -20.32	44.27 0.14 -41.90	41.70 -0.36 -47.41	43.38 -0.40 -49.77	42.88 0.27 -38.51	43.25 0.47 -36.33	45.95 0.74 -36.06	44.63 1.56 -25.46	45.71 0.89 -35.35	43.28 1.47 -26.76	45.03 1.35 -30.10	44.31 1.00 -32.50	36.77 1.36 -21.00	36.40 2.25 -9.46	38.64 1.46 -21.84	40.52 1.61 -21.46	40.19 0.89 -29.79	41.68 1.48 -23.81	43.84 2.46 -16.73	42.40 2.69 -10.61	41.10 2.30 -12.70	38.77 1.50 -18.59
BURROWS___LYONSDAL 23803	13.56 0.12 -0.15	13.02 0.16 -0.15	26.34 0.44 -0.09	2.41 0.02 -0.17	-5.15 0.00 -0.20	-5.76 0.00 -0.23	4.28 0.01 -0.16	6.69 0.06 -0.17	9.40 0.09 -0.17	17.91 0.18 -0.12	9.70 0.06 -0.16	15.30 0.12 -0.12	13.84 0.13 -0.14	11.09 0.14 -0.15	14.67 0.17 -0.10	25.21 0.47 -0.05	15.67 0.21 -0.11	17.85 0.29 -0.11	9.72 0.07 -0.14	16.70 0.20 -0.12	25.17 0.43 -0.09	29.59 0.43 -0.05	26.58 0.43 -0.06	19.16 0.39 -0.09
CARR STREET_E_SYR 24060	15.75 -0.26 -2.73	15.25 -0.26 -2.80	26.99 -0.49 -1.67	5.59 -0.04 -3.40	-1.37 0.11 -3.87	-1.77 0.13 -4.10	7.17 -0.08 -3.14	9.34 -0.11 -2.99	11.96 -0.15 -2.97	19.40 -0.31 -2.10	12.20 -0.18 -2.91	16.96 -0.30 -2.20	15.80 -0.25 -2.48	13.29 -0.19 -2.68	15.88 -0.25 -1.73	25.03 -0.41 -0.75	16.77 -0.26 -1.69	18.81 -0.30 -1.66	11.64 -0.16 -2.28	17.94 -0.28 -1.84	25.49 -0.46 -1.29	29.33 -0.59 -0.82	26.54 -0.54 -0.98	19.73 -0.38 -1.44
CARTHAGE___PAPER 23857	14.14 -0.16 -1.02	13.68 -0.06 -1.04	26.54 0.11 -0.63	3.50 -0.04 -1.32	-3.70 0.18 -1.48	-4.26 0.20 -1.53	5.19 -0.12 -1.20	7.49 -0.09 -1.12	10.13 -0.12 -1.11	18.17 -0.23 -0.78	10.34 -0.22 -1.08	15.58 -0.30 -0.82	14.29 -0.21 -0.92	11.75 -0.05 -1.00	14.89 -0.16 -0.64	25.17 0.20 -0.28	15.94 -0.04 -0.64	18.12 0.04 -0.63	10.22 -0.18 -0.89	16.94 -0.14 -0.70	25.20 0.05 -0.49	29.35 -0.06 -0.31	26.50 0.04 -0.37	19.45 0.23 -0.54
CH_MISC_IPPS 23765	48.06 0.76 -34.02	48.25 0.67 -34.87	47.88 1.22 -20.85	45.31 0.12 -42.96	42.93 -0.31 -48.60	44.69 -0.36 -51.04	43.81 0.23 -39.46	44.11 0.39 -37.25	46.74 0.62 -36.98	44.98 1.26 -26.11	46.44 0.72 -36.25	43.66 1.17 -27.44	45.48 1.04 -30.87	44.92 0.78 -33.33	36.98 1.05 -21.54	36.07 1.71 -9.66	38.70 1.10 -22.26	40.68 1.24 -22.00	40.77 0.70 -30.56	41.97 1.18 -24.41	43.67 1.87 -17.15	42.02 2.04 -10.88	40.87 1.76 -13.02	38.88 1.15 -19.06

CH_RES_BVR_FALLS 23983	11.63 -0.01 1.63	11.03 0.00 1.67	24.82 0.01 1.00	0.14 0.00 2.09	-7.69 0.01 2.35	-8.43 0.01 2.45	2.20 0.00 1.91	4.67 -0.01 1.79	7.35 -0.02 1.77	16.33 -0.03 1.25	7.72 -0.02 1.74	13.71 -0.03 1.32	12.07 -0.03 1.48	9.19 -0.02 1.60	13.34 -0.03 1.03	24.22 -0.03 0.44	14.34 -0.02 0.98	16.47 -0.02 0.95	8.15 -0.02 1.34	15.30 -0.02 1.06	23.88 -0.03 0.74	28.64 0.00 0.47	25.54 0.01 0.56	17.86 0.01 0.83
CH_RES_NIAGARA 23895	16.92 -1.34 -4.98	16.46 -1.35 -5.10	26.22 -2.64 -3.05	8.29 -0.21 -6.27	2.16 0.41 -7.10	1.96 0.48 -7.47	9.60 -0.28 -5.77	11.44 -0.47 -5.45	13.78 -0.78 -5.41	19.86 -1.58 -3.82	13.97 -0.81 -5.31	17.69 -1.38 -4.02	16.88 -1.22 -4.52	14.71 -0.97 -4.88	16.36 -1.19 -3.15	23.50 -2.55 -1.36	17.02 -1.40 -3.08	18.75 -1.71 -3.02	13.00 -0.70 -4.19	18.25 -1.48 -3.35	24.10 -2.91 -2.35	27.22 -3.37 -1.49	24.84 -3.04 -1.79	19.05 -2.24 -2.61
CH_RES_SYRACUSE 23985	16.08 -0.38 -3.18	15.58 -0.39 -3.26	27.00 -0.76 -1.95	6.16 -0.06 -3.99	-0.68 0.15 -4.53	-1.05 0.17 -4.77	7.68 -0.10 -3.67	9.79 -0.15 -3.48	12.38 -0.22 -3.46	19.61 -0.45 -2.44	12.61 -0.25 -3.39	17.20 -0.42 -2.56	16.09 -0.36 -2.88	13.64 -0.28 -3.11	16.06 -0.36 -2.01	24.91 -0.66 -0.87	16.91 -0.40 -1.97	18.91 -0.46 -1.93	11.96 -0.23 -2.67	18.11 -0.41 -2.14	25.45 -0.71 -1.50	29.17 -0.89 -0.95	26.43 -0.81 -1.14	19.75 -0.59 -1.67
CORNELL____ 23752	19.37 0.09 -6.00	18.79 -0.07 -6.15	29.14 -0.35 -3.68	9.82 0.01 -7.59	3.19 -0.04 -8.58	2.95 -0.06 -9.00	11.12 0.04 -6.97	13.13 0.10 -6.57	15.85 0.19 -6.52	22.45 0.23 -4.60	16.02 0.15 -6.39	20.02 0.12 -4.84	19.12 0.11 -5.44	16.79 0.11 -5.88	18.35 0.15 -3.80	26.40 0.07 -1.64	19.12 0.06 -3.71	21.14 0.06 -3.64	14.72 0.15 -5.06	20.59 0.17 -4.03	27.84 0.35 -2.83	31.26 0.36 -1.80	28.37 0.12 -2.15	21.75 -0.07 -3.15
COXSACKIE___GT 23611	51.26 0.52 -37.46	51.62 0.52 -38.40	49.78 1.01 -22.96	49.65 0.09 -47.33	47.95 -0.23 -53.53	49.95 -0.26 -56.20	47.75 0.17 -43.47	47.73 0.25 -41.02	50.22 0.36 -40.72	47.03 0.68 -28.75	49.77 0.38 -39.92	45.86 0.59 -30.21	48.05 0.49 -33.99	47.90 0.40 -36.70	38.61 0.50 -23.71	35.99 0.80 -10.50	39.87 0.49 -24.04	41.84 0.57 -23.82	42.94 0.33 -33.09	43.38 0.56 -26.43	44.04 0.82 -18.57	41.80 0.92 -11.78	40.99 0.79 -14.10	39.87 0.56 -20.64
CRESCENT___HYD 24018	57.26 1.12 -42.86	57.84 1.20 -43.94	54.60 2.51 -26.27	56.57 0.18 -54.17	55.52 -0.39 -61.26	57.88 -0.45 -64.31	54.16 0.30 -49.75	53.87 0.47 -46.95	56.39 0.65 -46.60	51.66 1.15 -32.90	55.73 0.57 -45.68	50.57 0.94 -34.58	53.23 0.76 -38.90	53.49 0.68 -42.00	42.36 0.82 -27.14	38.49 1.83 -11.97	43.69 1.00 -27.36	45.55 1.23 -26.87	47.34 0.52 -37.31	47.24 1.05 -29.81	47.47 1.88 -20.94	44.68 2.29 -13.29	44.11 2.12 -15.90	43.72 1.78 -23.27
DANSKAMMER___1 23586	48.02 0.72 -34.02	48.21 0.63 -34.87	47.79 1.13 -20.85	45.31 0.12 -42.96	42.94 -0.30 -48.60	44.71 -0.34 -51.04	43.80 0.22 -39.46	44.09 0.38 -37.25	46.71 0.59 -36.98	44.94 1.22 -26.11	46.42 0.70 -36.25	43.63 1.13 -27.44	45.46 1.02 -30.87	44.90 0.76 -33.33	36.96 1.02 -21.54	36.03 1.68 -9.66	38.69 1.08 -22.26	40.66 1.21 -22.00	40.76 0.69 -30.56	41.94 1.14 -24.41	43.62 1.81 -17.15	41.96 1.97 -10.88	40.82 1.70 -13.02	38.83 1.10 -19.06
DANSKAMMER___2 23589	48.02 0.72 -34.02	48.21 0.63 -34.87	47.79 1.13 -20.85	45.31 0.12 -42.96	42.94 -0.30 -48.60	44.71 -0.34 -51.04	43.80 0.22 -39.46	44.09 0.38 -37.25	46.71 0.59 -36.98	44.94 1.22 -26.11	46.42 0.70 -36.25	43.63 1.13 -27.44	45.46 1.02 -30.87	44.90 0.76 -33.33	36.96 1.02 -21.54	36.03 1.68 -9.66	38.69 1.08 -22.26	40.66 1.21 -22.00	40.76 0.69 -30.56	41.94 1.14 -24.41	43.62 1.81 -17.15	41.96 1.97 -10.88	40.82 1.70 -13.02	38.83 1.10 -19.06
DANSKAMMER___3 23590	48.02 0.72 -34.02	48.21 0.63 -34.87	47.79 1.13 -20.85	45.31 0.12 -42.96	42.94 -0.30 -48.60	44.71 -0.34 -51.04	43.80 0.22 -39.46	44.09 0.38 -37.25	46.71 0.59 -36.98	44.94 1.22 -26.11	46.42 0.70 -36.25	43.63 1.13 -27.44	45.46 1.02 -30.87	44.90 0.76 -33.33	36.96 1.02 -21.54	36.03 1.68 -9.66	38.69 1.08 -22.26	40.66 1.21 -22.00	40.76 0.69 -30.56	41.94 1.14 -24.41	43.62 1.81 -17.15	41.96 1.97 -10.88	40.82 1.70 -13.02	38.83 1.10 -19.06
DANSKAMMER___4 23591	48.02 0.72 -34.02	48.21 0.63 -34.87	47.79 1.13 -20.85	45.31 0.12 -42.96	42.94 -0.30 -48.60	44.71 -0.34 -51.04	43.80 0.22 -39.46	44.09 0.38 -37.25	46.71 0.59 -36.98	44.94 1.22 -26.11	46.42 0.70 -36.25	43.63 1.13 -27.44	45.46 1.02 -30.87	44.90 0.76 -33.33	36.96 1.02 -21.54	36.03 1.68 -9.66	38.69 1.08 -22.26	40.66 1.21 -22.00	40.76 0.69 -30.56	41.94 1.14 -24.41	43.62 1.81 -17.15	41.96 1.97 -10.88	40.82 1.70 -13.02	38.83 1.10 -19.06
DANSKAMMER___DIESEL 23592	48.02 0.72 -34.02	48.21 0.63 -34.87	47.79 1.13 -20.85	45.31 0.12 -42.96	42.94 -0.30 -48.60	44.71 -0.34 -51.04	43.80 0.22 -39.46	44.09 0.38 -37.25	46.71 0.59 -36.98	44.94 1.22 -26.11	46.42 0.70 -36.25	43.63 1.13 -27.44	45.46 1.02 -30.87	44.90 0.76 -33.33	36.96 1.02 -21.54	36.03 1.68 -9.66	38.69 1.08 -22.26	40.66 1.21 -22.00	40.76 0.69 -30.56	41.94 1.14 -24.41	43.62 1.81 -17.15	41.96 1.97 -10.88	40.82 1.70 -13.02	38.83 1.10 -19.06
DASHVILLE___HYD 23610	48.92 0.71 -34.94	49.14 0.62 -35.81	48.35 1.12 -21.41	46.50 0.12 -44.16	44.29 -0.30 -49.94	46.09 -0.34 -52.41	44.89 0.22 -40.56	45.09 0.37 -38.26	47.70 0.57 -37.98	45.60 1.17 -26.81	47.37 0.67 -37.23	44.32 1.08 -28.18	46.25 0.97 -31.70	45.76 0.73 -34.23	37.50 0.98 -22.12	36.04 1.61 -9.74	38.58 1.01 -22.22	41.00 1.12 -22.43	41.31 0.64 -31.16	42.34 1.06 -24.90	43.81 1.66 -17.49	42.00 1.80 -11.09	40.93 1.56 -13.28	39.16 1.05 -19.44
DOGLEVILLE___HYD 23807	13.69 1.20 0.79	13.10 1.20 0.81	27.64 2.31 0.48	1.47 0.21 0.97	-6.98 -0.53 1.10	-7.78 -0.61 1.18	3.61 0.39 0.89	6.22 0.62 0.86	8.88 0.60 0.85	18.17 1.16 0.60	9.29 0.65 0.84	15.46 1.03 0.63	13.70 0.84 0.71	10.67 0.64 0.77	14.70 0.80 0.50	25.88 1.40 0.21	15.79 0.92 0.47	18.04 1.04 0.45	9.49 0.59 0.62	16.92 1.04 0.50	25.98 1.68 0.35	30.68 1.80 0.22	27.32 1.49 0.27	19.34 1.06 0.39
DUNKIRK___1 23563	17.85 -1.11 -5.68	17.45 -1.08 -5.83	27.10 -2.19 -3.48	9.24 -0.14 -7.15	3.05 0.30 -8.10	2.88 0.34 -8.53	10.47 -0.22 -6.58	12.32 -0.36 -6.23	14.78 -0.54 -6.18	20.85 -1.13 -4.36	15.01 -0.52 -6.06	18.71 -0.93 -4.58	17.92 -0.81 -5.16	15.72 -0.66 -5.57	17.16 -0.83 -3.60	24.37 -1.88 -1.56	17.83 -1.03 -3.52	19.58 -1.31 -3.44	13.80 -0.48 -4.77	19.22 -0.99 -3.82	25.29 -2.05 -2.68	28.03 -2.77 -1.70	25.55 -2.58 -2.04	19.81 -1.85 -2.98
DUNKIRK___2 23564	17.85 -1.11 -5.68	17.45 -1.08 -5.83	27.10 -2.19 -3.48	9.24 -0.14 -7.15	3.05 0.30 -8.10	2.88 0.34 -8.53	10.47 -0.22 -6.58	12.32 -0.36 -6.23	14.78 -0.54 -6.18	20.85 -1.13 -4.36	15.01 -0.52 -6.06	18.71 -0.93 -4.58	17.92 -0.81 -5.16	15.72 -0.66 -5.57	17.16 -0.83 -3.60	24.37 -1.88 -1.56	17.83 -1.03 -3.52	19.58 -1.31 -3.44	13.80 -0.48 -4.77	19.22 -0.99 -3.82	25.29 -2.05 -2.68	28.03 -2.77 -1.70	25.55 -2.58 -2.04	19.81 -1.85 -2.98
DUNKIRK___3 23565	17.92 -1.10 -5.74	17.51 -1.08 -5.88	27.15 -2.17 -3.52	9.29 -0.14 -7.20	3.12 0.31 -8.17	2.96 0.35 -8.61	10.53 -0.21 -6.63	12.38 -0.36 -6.28	14.82 -0.55 -6.24	20.89 -1.13 -4.40	15.05 -0.53 -6.11	18.74 -0.95 -4.63	17.95 -0.83 -5.21	15.75 -0.68 -5.62	17.19 -0.84 -3.63	24.38 -1.88 -1.57	17.87 -1.02 -3.55	19.63 -1.30 -3.47	13.84 -0.48 -4.81	19.23 -1.01 -3.85	25.29 -2.08 -2.71	28.13 -2.69 -1.72	25.66 -2.49 -2.06	19.88 -1.80 -3.01

DUNKIRK___4 23566	17.92 -1.10 -5.74	17.51 -1.08 -5.88	27.15 -2.17 -3.52	9.29 -0.14 -7.20	3.12 0.31 -8.17	2.96 0.35 -8.61	10.53 -0.21 -6.63	12.38 -0.36 -6.28	14.82 -0.55 -6.24	20.89 -1.13 -4.40	15.05 -0.53 -6.11	18.74 -0.95 -4.63	17.95 -0.83 -5.21	15.75 -0.68 -5.62	17.19 -0.84 -3.63	24.38 -1.88 -1.57	17.87 -1.02 -3.55	19.63 -1.30 -3.47	13.84 -0.48 -4.81	19.23 -1.01 -3.85	25.29 -2.08 -2.71	28.13 -2.69 -1.72	25.66 -2.49 -2.06	19.88 -1.80 -3.01
EAST HAMPTON___GT 23717	47.13 0.70 -33.15	47.32 0.64 -33.98	47.37 1.24 -20.32	44.27 0.13 -41.91	41.73 -0.33 -47.41	43.40 -0.37 -49.76	42.83 0.22 -38.50	43.15 0.36 -36.32	45.79 0.60 -36.06	47.15 1.28 -28.25	51.95 0.76 -41.72	49.65 1.24 -33.36	46.83 1.14 -32.11	44.11 0.80 -32.50	36.45 1.05 -21.00	35.92 1.77 -9.46	40.64 1.16 -24.14	43.47 1.27 -24.76	41.02 0.69 -30.81	41.37 1.17 -23.81	51.84 1.99 -25.20	45.58 2.09 -14.38	43.35 1.84 -15.41	38.47 1.20 -18.59
EAST RIVER___6 23660	47.35 0.93 -33.15	47.48 0.80 -33.98	47.55 1.43 -20.32	44.28 0.15 -41.90	41.69 -0.37 -47.41	43.36 -0.42 -49.77	42.89 0.28 -38.51	43.28 0.49 -36.33	45.97 0.77 -36.06	44.68 1.61 -25.46	45.76 0.93 -35.35	43.33 1.52 -26.76	45.07 1.40 -30.10	44.35 1.05 -32.50	36.82 1.42 -21.00	36.48 2.33 -9.46	38.69 1.51 -21.84	40.58 1.67 -21.46	40.22 0.93 -29.78	41.73 1.53 -23.81	43.92 2.53 -16.73	42.50 2.78 -10.61	41.20 2.40 -12.70	38.82 1.55 -18.59
EAST RIVER___7 23524	47.35 0.93 -33.15	47.48 0.80 -33.98	47.55 1.43 -20.32	44.28 0.15 -41.90	41.69 -0.37 -47.41	43.36 -0.42 -49.77	42.89 0.28 -38.51	43.28 0.49 -36.33	45.97 0.77 -36.06	44.68 1.61 -25.46	45.76 0.93 -35.35	43.33 1.52 -26.76	45.07 1.40 -30.10	44.35 1.05 -32.50	36.82 1.42 -21.00	36.48 2.33 -9.46	38.69 1.51 -21.84	40.58 1.67 -21.46	40.22 0.93 -29.78	41.73 1.53 -23.81	43.92 2.53 -16.73	42.50 2.78 -10.61	41.20 2.40 -12.70	38.82 1.55 -18.59
EAST_HAMPTON___DIESEL 23722	47.13 0.70 -33.15	47.32 0.64 -33.98	47.37 1.24 -20.32	44.27 0.13 -41.91	41.73 -0.33 -47.41	43.40 -0.37 -49.76	42.83 0.22 -38.50	43.15 0.36 -36.32	45.79 0.60 -36.06	47.15 1.28 -28.25	51.95 0.76 -41.72	49.65 1.24 -33.36	46.83 1.14 -32.11	44.11 0.80 -32.50	36.45 1.05 -21.00	35.92 1.77 -9.46	40.64 1.16 -24.14	43.47 1.27 -24.76	41.02 0.69 -30.81	41.37 1.17 -23.81	51.84 1.99 -25.20	45.58 2.09 -14.38	43.35 1.84 -15.41	38.47 1.20 -18.59
E_CANADA_CAP_HY 24051	66.72 -0.26 -53.70	67.54 -0.22 -55.05	58.48 -0.24 -32.92	69.94 -0.07 -67.78	71.56 0.22 -76.69	74.83 0.25 -80.57	66.24 -0.15 -62.28	65.05 -0.22 -58.81	67.53 0.02 -58.38	58.85 0.03 -41.21	66.68 -0.03 -57.23	58.37 -0.01 -43.32	62.39 0.09 -48.73	63.55 0.13 -52.61	48.54 0.14 -34.00	40.00 0.41 -14.90	49.37 0.08 -33.95	50.92 0.17 -33.30	55.72 -0.04 -46.24	53.38 0.05 -36.95	50.84 0.23 -25.96	46.09 0.52 -16.47	46.30 0.49 -19.72	47.85 0.33 -28.85
E_CANADA_MHWK_HY 24050	13.69 1.20 0.79	13.10 1.20 0.81	27.64 2.31 0.48	1.47 0.21 0.97	-6.98 -0.53 1.10	-7.78 -0.61 1.18	3.61 0.39 0.89	6.22 0.62 0.86	8.88 0.60 0.85	18.17 1.16 0.60	9.29 0.65 0.84	15.46 1.03 0.63	13.70 0.84 0.71	10.67 0.64 0.77	14.70 0.80 0.50	25.88 1.40 0.21	15.79 0.92 0.47	18.04 1.04 0.45	9.49 0.59 0.62	16.92 1.04 0.50	25.98 1.68 0.35	30.68 1.80 0.22	27.32 1.49 0.27	19.34 1.06 0.39
E_FISHKILL___LBMP 23776	47.31 0.42 -33.61	47.53 0.38 -34.45	47.09 0.68 -20.60	44.71 0.07 -42.41	42.46 -0.19 -48.01	44.23 -0.22 -50.44	43.24 0.14 -38.98	43.51 0.23 -36.82	46.05 0.36 -36.55	44.13 0.71 -25.80	45.71 0.41 -35.83	42.83 0.65 -27.12	44.65 0.57 -30.51	44.17 0.42 -32.94	36.26 0.57 -21.29	35.18 0.92 -9.57	38.02 0.61 -22.06	39.81 0.67 -21.69	40.03 0.40 -30.12	41.12 0.67 -24.06	42.54 0.99 -16.90	40.86 1.03 -10.72	39.83 0.90 -12.84	38.07 0.61 -18.79
FAR ROCKAWAY___4 23548	47.17 0.74 -33.15	47.37 0.69 -33.98	47.36 1.23 -20.32	44.27 0.13 -41.91	41.73 -0.33 -47.41	43.40 -0.37 -49.76	42.84 0.23 -38.50	43.16 0.38 -36.32	45.82 0.62 -36.06	47.17 1.31 -28.25	51.87 0.68 -41.72	49.51 1.10 -33.36	46.71 1.02 -32.11	44.06 0.76 -32.50	36.46 1.06 -21.00	35.94 1.78 -9.46	40.68 1.21 -24.14	43.53 1.33 -24.76	41.06 0.74 -30.81	41.40 1.21 -23.81	51.67 1.82 -25.20	45.36 1.87 -14.38	43.29 1.78 -15.41	38.55 1.28 -18.59
FIBERTEK___ENERGY 23856	16.08 -0.38 -3.18	15.58 -0.39 -3.26	27.00 -0.76 -1.95	6.16 -0.06 -3.99	-0.68 0.15 -4.53	-1.05 0.17 -4.77	7.68 -0.10 -3.67	9.79 -0.15 -3.48	12.38 -0.22 -3.46	19.61 -0.45 -2.44	12.61 -0.25 -3.39	17.20 -0.42 -2.56	16.09 -0.36 -2.88	13.64 -0.28 -3.11	16.06 -0.36 -2.01	24.91 -0.66 -0.87	16.91 -0.40 -1.97	18.91 -0.46 -1.93	11.96 -0.23 -2.67	18.11 -0.41 -2.14	25.45 -0.71 -1.50	29.17 -0.89 -0.95	26.43 -0.81 -1.14	19.75 -0.59 -1.67
FITZPATRICK___ 23598	14.67 -0.58 -1.97	14.15 -0.58 -2.02	25.83 -1.19 -1.21	4.60 -0.10 -2.47	-2.32 0.23 -2.81	-2.77 0.26 -2.97	6.22 -0.17 -2.28	8.35 -0.27 -2.16	10.89 -0.39 -2.15	18.36 -0.77 -1.52	11.17 -0.41 -2.10	15.98 -0.67 -1.59	14.77 -0.60 -1.79	12.26 -0.48 -1.94	15.02 -0.63 -1.25	24.09 -1.14 -0.54	15.87 -0.69 -1.22	17.85 -0.80 -1.20	10.76 -0.40 -1.66	16.99 -0.72 -1.33	24.43 -1.16 -0.93	28.31 -1.39 -0.59	25.55 -1.26 -0.71	18.79 -0.92 -1.04
FORT ORANGE___ 23900	56.37 1.26 -41.82	56.81 1.23 -42.88	53.90 2.45 -25.64	55.24 0.19 -52.83	54.01 -0.40 -59.76	56.32 -0.45 -62.76	52.94 0.29 -48.53	52.76 0.50 -45.81	55.38 0.77 -45.47	51.20 1.49 -32.10	54.84 0.78 -44.58	50.13 1.33 -33.74	52.71 1.18 -37.96	52.74 0.96 -40.98	42.11 1.22 -26.48	38.87 2.49 -11.70	43.53 1.44 -26.74	45.45 1.73 -26.28	46.78 0.78 -36.48	47.01 1.47 -29.16	47.79 2.66 -20.48	45.21 3.11 -13.00	44.42 2.77 -15.56	43.52 2.08 -22.77
FORT_DRUM_COGEN 23780	14.23 -0.19 -1.14	13.78 -0.10 -1.17	26.54 0.03 -0.70	3.64 -0.05 -1.46	-3.51 0.19 -1.65	-4.05 0.22 -1.72	5.32 -0.13 -1.34	7.61 -0.11 -1.26	10.24 -0.15 -1.25	18.22 -0.28 -0.88	10.45 -0.25 -1.22	15.64 -0.34 -0.93	14.37 -0.24 -1.04	11.85 -0.08 -1.12	14.93 -0.20 -0.73	25.13 0.12 -0.32	15.97 -0.09 -0.72	18.14 -0.01 -0.70	10.29 -0.21 -0.98	16.98 -0.19 -0.78	25.19 -0.02 -0.55	29.31 -0.14 -0.35	26.48 -0.04 -0.42	19.46 0.17 -0.61
FRANKLIN_FALL_HYD 24054	13.07 -0.15 0.06	12.54 -0.10 0.06	25.64 -0.13 0.04	2.13 -0.03 0.07	-5.35 0.09 0.09	-5.98 0.11 0.09	3.98 -0.06 0.07	6.30 -0.09 0.07	8.94 -0.13 0.07	17.31 -0.25 0.05	9.26 -0.14 0.07	14.82 -0.19 0.05	13.34 -0.17 0.06	10.63 -0.12 0.06	14.18 -0.18 0.04	24.53 -0.14 0.01	15.16 -0.15 0.03	17.29 -0.13 0.03	9.33 -0.14 0.04	16.19 -0.17 0.03	24.50 -0.14 0.02	29.11 0.03 0.01	26.15 0.07 0.02	18.74 0.09 0.02
FULTON COGEN___ 23766	15.49 -0.31 -2.52	14.99 -0.30 -2.58	26.80 -0.56 -1.54	5.34 -0.06 -3.17	-1.62 0.14 -3.59	-2.05 0.16 -3.78	6.93 -0.10 -2.92	9.08 -0.14 -2.76	11.69 -0.20 -2.74	19.16 -0.38 -1.93	11.93 -0.23 -2.69	16.72 -0.37 -2.03	15.54 -0.32 -2.29	13.03 -0.24 -2.47	15.69 -0.30 -1.60	24.90 -0.48 -0.69	16.58 -0.32 -1.56	18.62 -0.36 -1.53	11.43 -0.21 -2.12	17.73 -0.35 -1.70	25.31 -0.54 -1.19	29.16 -0.70 -0.76	26.37 -0.64 -0.91	19.57 -0.43 -1.33
GARDENVILLE___LBMP 24039	17.25 -1.40 -5.37	16.82 -1.38 -5.50	26.47 -2.63 -3.29	8.82 -0.20 -6.79	2.73 0.41 -7.68	2.54 0.48 -8.05	10.06 -0.29 -6.23	11.85 -0.49 -5.88	14.19 -0.78 -5.83	20.17 -1.56 -4.12	14.39 -0.80 -5.72	18.00 -1.39 -4.33	17.22 -1.22 -4.87	15.07 -0.99 -5.26	16.58 -1.22 -3.40	23.57 -2.60 -1.47	17.24 -1.43 -3.32	18.94 -1.76 -3.25	13.32 -0.72 -4.52	18.51 -1.48 -3.61	24.23 -2.96 -2.53	27.19 -3.52 -1.61	24.89 -3.13 -1.92	19.23 -2.26 -2.82

GENERAL___MILLS 23808	17.65 -1.02 -5.39	17.19 -1.04 -5.53	27.05 -2.07 -3.30	8.89 -0.15 -6.82	2.66 0.30 -7.71	2.45 0.35 -8.09	10.17 -0.20 -6.26	12.03 -0.34 -5.91	14.46 -0.54 -5.86	20.67 -1.08 -4.14	14.68 -0.54 -5.75	18.46 -0.94 -4.35	17.64 -0.82 -4.89	15.42 -0.67 -5.28	17.01 -0.81 -3.41	24.34 -1.83 -1.48	17.71 -0.97 -3.34	19.50 -1.21 -3.27	13.60 -0.46 -4.55	19.01 -1.00 -3.62	25.15 -2.05 -2.55	28.31 -2.41 -1.61	25.81 -2.21 -1.93	19.82 -1.68 -2.83
GILBOA___1 23756	46.39 0.92 -32.19	46.63 0.93 -33.00	47.46 1.91 -19.73	43.01 0.14 -40.65	40.35 -0.28 -45.98	41.99 -0.31 -48.30	41.64 0.18 -37.34	41.98 0.26 -35.25	44.53 0.40 -34.99	43.10 0.78 -24.70	44.17 0.39 -34.31	41.71 0.69 -25.96	43.39 0.61 -29.21	42.86 0.52 -31.54	35.42 0.64 -20.38	35.09 1.43 -8.97	36.59 0.76 -20.48	38.49 0.95 -20.10	37.80 0.37 -27.91	39.44 0.77 -22.29	41.80 1.48 -15.66	40.82 1.78 -9.94	39.59 1.60 -11.90	37.35 1.27 -17.41
GILBOA___2 23757	46.39 0.92 -32.19	46.63 0.93 -33.00	47.46 1.91 -19.73	43.01 0.14 -40.65	40.35 -0.28 -45.98	41.99 -0.31 -48.30	41.64 0.18 -37.34	41.98 0.26 -35.25	44.53 0.40 -34.99	43.10 0.78 -24.70	44.17 0.39 -34.31	41.71 0.69 -25.96	43.39 0.61 -29.21	42.86 0.52 -31.54	35.42 0.64 -20.38	35.09 1.43 -8.97	36.59 0.76 -20.48	38.49 0.95 -20.10	37.80 0.37 -27.91	39.44 0.77 -22.29	41.80 1.48 -15.66	40.82 1.78 -9.94	39.59 1.60 -11.90	37.35 1.27 -17.41
GILBOA___3 23758	46.39 0.92 -32.19	46.63 0.93 -33.00	47.46 1.91 -19.73	43.01 0.14 -40.65	40.35 -0.28 -45.98	41.99 -0.31 -48.30	41.64 0.18 -37.34	41.98 0.26 -35.25	44.53 0.40 -34.99	43.10 0.78 -24.70	44.17 0.39 -34.31	41.71 0.69 -25.96	43.39 0.61 -29.21	42.86 0.52 -31.54	35.42 0.64 -20.38	35.09 1.43 -8.97	36.59 0.76 -20.48	38.49 0.95 -20.10	37.80 0.37 -27.91	39.44 0.77 -22.29	41.80 1.48 -15.66	40.82 1.78 -9.94	39.59 1.60 -11.90	37.35 1.27 -17.41
GILBOA___4 23759	46.39 0.92 -32.19	46.63 0.93 -33.00	47.46 1.91 -19.73	43.01 0.14 -40.65	40.35 -0.28 -45.98	41.99 -0.31 -48.30	41.64 0.18 -37.34	41.98 0.26 -35.25	44.53 0.40 -34.99	43.10 0.78 -24.70	44.17 0.39 -34.31	41.71 0.69 -25.96	43.39 0.61 -29.21	42.86 0.52 -31.54	35.42 0.64 -20.38	35.09 1.43 -8.97	36.59 0.76 -20.48	38.49 0.95 -20.10	37.80 0.37 -27.91	39.44 0.77 -22.29	41.80 1.48 -15.66	40.82 1.78 -9.94	39.59 1.60 -11.90	37.35 1.27 -17.41
GILBOA___ 23599	46.39 0.92 -32.19	46.63 0.93 -33.00	47.46 1.91 -19.73	43.01 0.14 -40.65	40.35 -0.28 -45.98	41.99 -0.31 -48.30	41.64 0.18 -37.34	41.98 0.26 -35.25	44.53 0.40 -34.99	43.10 0.78 -24.70	44.17 0.39 -34.31	41.71 0.69 -25.96	43.39 0.61 -29.21	42.86 0.52 -31.54	35.42 0.64 -20.38	35.09 1.43 -8.97	36.59 0.76 -20.48	38.49 0.95 -20.10	37.80 0.37 -27.91	39.44 0.77 -22.29	41.80 1.48 -15.66	40.82 1.78 -9.94	39.59 1.60 -11.90	37.35 1.27 -17.41
GINNA___ 23603	16.51 -0.66 -3.89	16.02 -0.67 -3.99	26.91 -1.29 -2.39	6.97 -0.14 -4.88	0.53 0.34 -5.54	0.24 0.39 -5.84	8.36 -0.25 -4.49	10.35 -0.38 -4.27	12.85 -0.53 -4.23	19.53 -1.07 -2.99	13.00 -0.62 -4.15	17.20 -1.00 -3.14	16.22 -0.89 -3.53	13.98 -0.64 -3.82	15.99 -0.87 -2.47	24.41 -1.35 -1.07	16.83 -0.92 -2.41	18.81 -1.00 -2.36	12.16 -0.62 -3.27	17.99 -1.01 -2.62	25.08 -1.41 -1.84	28.81 -1.47 -1.17	26.14 -1.36 -1.40	19.82 -0.90 -2.04
GLEN PARK___ 23778	14.57 -0.05 -1.34	14.12 0.04 -1.37	26.96 0.33 -0.82	3.88 -0.02 -1.68	-3.30 0.14 -1.90	-3.82 0.16 -2.01	5.57 -0.09 -1.55	7.89 -0.04 -1.47	10.55 -0.05 -1.46	18.56 -0.08 -1.03	10.75 -0.15 -1.43	15.95 -0.19 -1.08	14.70 -0.09 -1.22	12.18 0.06 -1.31	15.20 -0.05 -0.85	25.48 0.42 -0.37	16.27 0.09 -0.84	18.46 0.19 -0.82	10.54 -0.11 -1.13	17.29 0.00 -0.91	25.56 0.26 -0.64	29.68 0.17 -0.41	26.83 0.24 -0.49	19.77 0.39 -0.71
GLENWOOD_IC_1_G5 23712	47.41 0.98 -33.15	47.54 0.86 -33.98	47.67 1.55 -20.32	44.29 0.16 -41.91	41.66 -0.39 -47.41	43.33 -0.44 -49.76	42.90 0.28 -38.50	43.27 0.49 -36.32	45.96 0.77 -36.06	47.47 1.61 -28.25	52.10 0.91 -41.72	49.91 1.50 -33.36	47.05 1.36 -32.11	44.30 1.00 -32.50	36.76 1.36 -21.00	36.35 2.20 -9.46	40.92 1.44 -24.14	43.80 1.59 -24.76	41.22 0.89 -30.81	41.67 1.47 -23.81	52.24 2.39 -25.20	46.10 2.61 -14.38	43.79 2.28 -15.41	38.80 1.53 -18.59
GLENWOOD_IC_2_G1 23688	47.41 0.98 -33.15	47.54 0.86 -33.98	47.67 1.55 -20.32	44.29 0.16 -41.91	41.66 -0.39 -47.41	43.33 -0.44 -49.76	42.90 0.28 -38.50	43.27 0.49 -36.32	45.96 0.77 -36.06	47.47 1.61 -28.25	52.10 0.91 -41.72	49.91 1.50 -33.36	47.05 1.36 -32.11	44.30 1.00 -32.50	36.76 1.36 -21.00	36.35 2.20 -9.46	40.92 1.44 -24.14	43.80 1.59 -24.76	41.22 0.89 -30.81	41.67 1.47 -23.81	52.24 2.39 -25.20	46.10 2.61 -14.38	43.79 2.28 -15.41	38.80 1.53 -18.59
GLENWOOD_IC_3_G1 23689	47.41 0.98 -33.15	47.54 0.86 -33.98	47.67 1.55 -20.32	44.29 0.16 -41.91	41.66 -0.39 -47.41	43.33 -0.44 -49.76	42.90 0.28 -38.50	43.27 0.49 -36.32	45.96 0.77 -36.06	47.47 1.61 -28.25	52.10 0.91 -41.72	49.91 1.50 -33.36	47.05 1.36 -32.11	44.30 1.00 -32.50	36.76 1.36 -21.00	36.35 2.20 -9.46	40.92 1.44 -24.14	43.80 1.59 -24.76	41.22 0.89 -30.81	41.67 1.47 -23.81	52.24 2.39 -25.20	46.10 2.61 -14.38	43.79 2.28 -15.41	38.80 1.53 -18.59
GLENWOOD___4 23550	47.41 0.98 -33.15	47.54 0.86 -33.98	47.67 1.55 -20.32	44.29 0.16 -41.91	41.66 -0.39 -47.41	43.33 -0.44 -49.76	42.90 0.28 -38.50	43.27 0.49 -36.32	45.96 0.77 -36.06	47.47 1.61 -28.25	52.10 0.91 -41.72	49.91 1.50 -33.36	47.05 1.36 -32.11	44.30 1.00 -32.50	36.76 1.36 -21.00	36.35 2.20 -9.46	40.92 1.44 -24.14	43.80 1.59 -24.76	41.22 0.89 -30.81	41.67 1.47 -23.81	52.24 2.39 -25.20	46.10 2.61 -14.38	43.79 2.28 -15.41	38.80 1.53 -18.59
GLENWOOD___5 23614	47.41 0.98 -33.15	47.54 0.86 -33.98	47.67 1.55 -20.32	44.29 0.16 -41.91	41.66 -0.39 -47.41	43.33 -0.44 -49.76	42.90 0.28 -38.50	43.27 0.49 -36.32	45.96 0.77 -36.06	47.47 1.61 -28.25	52.10 0.91 -41.72	49.91 1.50 -33.36	47.05 1.36 -32.11	44.30 1.00 -32.50	36.76 1.36 -21.00	36.35 2.20 -9.46	40.92 1.44 -24.14	43.80 1.59 -24.76	41.22 0.89 -30.81	41.67 1.47 -23.81	52.24 2.39 -25.20	46.10 2.61 -14.38	43.79 2.28 -15.41	38.80 1.53 -18.59
GOUDEY___7 23579	23.63 0.11 -10.24	23.26 0.06 -10.50	32.15 0.06 -6.28	15.20 0.02 -12.95	9.24 -0.05 -14.64	9.32 -0.06 -15.37	16.03 0.03 -11.89	17.77 0.10 -11.22	20.45 0.17 -11.13	25.82 0.35 -7.86	20.61 0.22 -10.92	23.66 0.34 -8.26	23.19 0.33 -9.29	21.06 0.22 -10.03	21.18 0.30 -6.48	27.91 0.42 -2.80	21.99 0.31 -6.33	23.97 0.32 -6.20	18.36 0.22 -8.63	23.63 0.36 -6.88	29.96 0.47 -4.83	32.62 0.45 -3.07	30.12 0.36 -3.67	24.19 0.14 -5.37
GOUDEY___8 23580	23.58 0.06 -10.24	23.22 0.01 -10.50	32.07 -0.02 -6.28	15.19 0.02 -12.95	9.25 -0.04 -14.64	9.33 -0.05 -15.37	16.03 0.03 -11.89	17.76 0.08 -11.22	20.43 0.15 -11.13	25.75 0.28 -7.86	20.59 0.20 -10.92	23.61 0.29 -8.26	23.15 0.28 -9.29	21.03 0.19 -10.03	21.15 0.27 -6.48	27.81 0.32 -2.80	21.93 0.26 -6.33	23.90 0.25 -6.20	18.34 0.20 -8.63	23.58 0.32 -6.88	29.87 0.38 -4.83	32.49 0.32 -3.07	30.01 0.24 -3.67	24.10 0.06 -5.37
GOWANUS_GT_1_GRP 23732	47.49 1.06 -33.15	47.61 0.92 -33.98	47.77 1.64 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.31 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.06 0.86 -36.07	44.86 1.79 -25.46	45.86 1.03 -35.36	43.50 1.68 -26.76	45.22 1.54 -30.11	44.47 1.16 -32.50	36.98 1.58 -21.00	36.77 2.62 -9.46	38.87 1.69 -21.84	40.78 1.87 -21.46	40.33 1.03 -29.79	41.91 1.71 -23.81	44.21 2.82 -16.73	42.80 3.08 -10.61	41.47 2.68 -12.70	39.03 1.76 -18.59

GOWANUS_GT 2_GRP 23617	47.49 1.07 -33.15	47.62 0.93 -33.98	47.78 1.65 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.30 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.07 0.86 -36.07	44.87 1.80 -25.46	45.87 1.04 -35.36	43.51 1.69 -26.76	45.23 1.55 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.79 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.92 1.72 -23.81	44.23 2.84 -16.73	42.82 3.11 -10.61	41.49 2.69 -12.70	39.04 1.77 -18.59
GOWANUS_GT 3_GRP 23618	47.49 1.06 -33.15	47.61 0.92 -33.98	47.77 1.64 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.31 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.06 0.86 -36.07	44.86 1.79 -25.46	45.86 1.03 -35.36	43.50 1.68 -26.76	45.22 1.54 -30.11	44.47 1.16 -32.50	36.98 1.58 -21.00	36.77 2.62 -9.46	38.87 1.69 -21.84	40.78 1.87 -21.46	40.33 1.03 -29.79	41.91 1.71 -23.81	44.21 2.82 -16.73	42.80 3.08 -10.61	41.47 2.68 -12.70	39.03 1.76 -18.59
GOWANUS_GT 4_GRP 23751	47.49 1.07 -33.15	47.62 0.93 -33.98	47.78 1.65 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.30 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.07 0.86 -36.07	44.87 1.80 -25.46	45.87 1.04 -35.36	43.51 1.69 -26.76	45.23 1.55 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.79 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.92 1.72 -23.81	44.23 2.84 -16.73	42.82 3.11 -10.61	41.49 2.69 -12.70	39.04 1.77 -18.59
GOWANUS_GT1_1 24077	47.49 1.06 -33.15	47.61 0.92 -33.98	47.77 1.64 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.31 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.06 0.86 -36.07	44.86 1.79 -25.46	45.86 1.03 -35.36	43.50 1.68 -26.76	45.22 1.54 -30.11	44.47 1.16 -32.50	36.98 1.58 -21.00	36.77 2.62 -9.46	38.87 1.69 -21.84	40.78 1.87 -21.46	40.33 1.03 -29.79	41.91 1.71 -23.81	44.21 2.82 -16.73	42.80 3.08 -10.61	41.47 2.68 -12.70	39.03 1.76 -18.59
GOWANUS_GT1_2 24078	47.49 1.06 -33.15	47.61 0.92 -33.98	47.77 1.64 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.31 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.06 0.86 -36.07	44.86 1.79 -25.46	45.86 1.03 -35.36	43.50 1.68 -26.76	45.22 1.54 -30.11	44.47 1.16 -32.50	36.98 1.58 -21.00	36.77 2.62 -9.46	38.87 1.69 -21.84	40.78 1.87 -21.46	40.33 1.03 -29.79	41.91 1.71 -23.81	44.21 2.82 -16.73	42.80 3.08 -10.61	41.47 2.68 -12.70	39.03 1.76 -18.59
GOWANUS_GT1_3 24079	47.49 1.06 -33.15	47.61 0.92 -33.98	47.77 1.64 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.31 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.06 0.86 -36.07	44.86 1.79 -25.46	45.86 1.03 -35.36	43.50 1.68 -26.76	45.22 1.54 -30.11	44.47 1.16 -32.50	36.98 1.58 -21.00	36.77 2.62 -9.46	38.87 1.69 -21.84	40.78 1.87 -21.46	40.33 1.03 -29.79	41.91 1.71 -23.81	44.21 2.82 -16.73	42.80 3.08 -10.61	41.47 2.68 -12.70	39.03 1.76 -18.59
GOWANUS_GT1_4 24080	47.49 1.06 -33.15	47.61 0.92 -33.98	47.77 1.64 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.31 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.06 0.86 -36.07	44.86 1.79 -25.46	45.86 1.03 -35.36	43.50 1.68 -26.76	45.22 1.54 -30.11	44.47 1.16 -32.50	36.98 1.58 -21.00	36.77 2.62 -9.46	38.87 1.69 -21.84	40.78 1.87 -21.46	40.33 1.03 -29.79	41.91 1.71 -23.81	44.21 2.82 -16.73	42.80 3.08 -10.61	41.47 2.68 -12.70	39.03 1.76 -18.59
GOWANUS_GT1_5 24084	47.49 1.06 -33.15	47.61 0.92 -33.98	47.77 1.64 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.31 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.06 0.86 -36.07	44.86 1.79 -25.46	45.86 1.03 -35.36	43.50 1.68 -26.76	45.22 1.54 -30.11	44.47 1.16 -32.50	36.98 1.58 -21.00	36.77 2.62 -9.46	38.87 1.69 -21.84	40.78 1.87 -21.46	40.33 1.03 -29.79	41.91 1.71 -23.81	44.21 2.82 -16.73	42.80 3.08 -10.61	41.47 2.68 -12.70	39.03 1.76 -18.59
GOWANUS_GT1_6 24111	47.49 1.06 -33.15	47.61 0.92 -33.98	47.77 1.64 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.31 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.06 0.86 -36.07	44.86 1.79 -25.46	45.86 1.03 -35.36	43.50 1.68 -26.76	45.22 1.54 -30.11	44.47 1.16 -32.50	36.98 1.58 -21.00	36.77 2.62 -9.46	38.87 1.69 -21.84	40.78 1.87 -21.46	40.33 1.03 -29.79	41.91 1.71 -23.81	44.21 2.82 -16.73	42.80 3.08 -10.61	41.47 2.68 -12.70	39.03 1.76 -18.59
GOWANUS_GT1_7 24112	47.49 1.06 -33.15	47.61 0.92 -33.98	47.77 1.64 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.31 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.06 0.86 -36.07	44.86 1.79 -25.46	45.86 1.03 -35.36	43.50 1.68 -26.76	45.22 1.54 -30.11	44.47 1.16 -32.50	36.98 1.58 -21.00	36.77 2.62 -9.46	38.87 1.69 -21.84	40.78 1.87 -21.46	40.33 1.03 -29.79	41.91 1.71 -23.81	44.21 2.82 -16.73	42.80 3.08 -10.61	41.47 2.68 -12.70	39.03 1.76 -18.59
GOWANUS_GT1_8 24113	47.49 1.06 -33.15	47.61 0.92 -33.98	47.77 1.64 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.31 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.06 0.86 -36.07	44.86 1.79 -25.46	45.86 1.03 -35.36	43.50 1.68 -26.76	45.22 1.54 -30.11	44.47 1.16 -32.50	36.98 1.58 -21.00	36.77 2.62 -9.46	38.87 1.69 -21.84	40.78 1.87 -21.46	40.33 1.03 -29.79	41.91 1.71 -23.81	44.21 2.82 -16.73	42.80 3.08 -10.61	41.47 2.68 -12.70	39.03 1.76 -18.59
GOWANUS_GT2_1 24114	47.49 1.07 -33.15	47.62 0.93 -33.98	47.78 1.65 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.30 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.07 0.86 -36.07	44.87 1.80 -25.46	45.87 1.04 -35.36	43.51 1.69 -26.76	45.23 1.55 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.79 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.92 1.72 -23.81	44.23 2.84 -16.73	42.82 3.11 -10.61	41.49 2.69 -12.70	39.04 1.77 -18.59
GOWANUS_GT2_2 24115	47.49 1.07 -33.15	47.62 0.93 -33.98	47.78 1.65 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.30 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.07 0.86 -36.07	44.87 1.80 -25.46	45.87 1.04 -35.36	43.51 1.69 -26.76	45.23 1.55 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.79 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.92 1.72 -23.81	44.23 2.84 -16.73	42.82 3.11 -10.61	41.49 2.69 -12.70	39.04 1.77 -18.59
GOWANUS_GT2_3 24116	47.49 1.07 -33.15	47.62 0.93 -33.98	47.78 1.65 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.30 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.07 0.86 -36.07	44.87 1.80 -25.46	45.87 1.04 -35.36	43.51 1.69 -26.76	45.23 1.55 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.79 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.92 1.72 -23.81	44.23 2.84 -16.73	42.82 3.11 -10.61	41.49 2.69 -12.70	39.04 1.77 -18.59
GOWANUS_GT2_4 24117	47.49 1.07 -33.15	47.62 0.93 -33.98	47.78 1.65 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.30 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.07 0.86 -36.07	44.87 1.80 -25.46	45.87 1.04 -35.36	43.51 1.69 -26.76	45.23 1.55 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.79 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.92 1.72 -23.81	44.23 2.84 -16.73	42.82 3.11 -10.61	41.49 2.69 -12.70	39.04 1.77 -18.59
GOWANUS_GT2_5 24118	47.49 1.07 -33.15	47.62 0.93 -33.98	47.78 1.65 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.30 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.07 0.86 -36.07	44.87 1.80 -25.46	45.87 1.04 -35.36	43.51 1.69 -26.76	45.23 1.55 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.79 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.92 1.72 -23.81	44.23 2.84 -16.73	42.82 3.11 -10.61	41.49 2.69 -12.70	39.04 1.77 -18.59

GOWANUS_GT2_6 24119	47.49 1.07 -33.15	47.62 0.93 -33.98	47.78 1.65 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.30 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.07 0.86 -36.07	44.87 1.80 -25.46	45.87 1.04 -35.36	43.51 1.69 -26.76	45.23 1.55 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.79 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.92 1.72 -23.81	44.23 2.84 -16.73	42.82 3.11 -10.61	41.49 2.69 -12.70	39.04 1.77 -18.59
GOWANUS_GT2_7 24120	47.49 1.07 -33.15	47.62 0.93 -33.98	47.78 1.65 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.30 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.07 0.86 -36.07	44.87 1.80 -25.46	45.87 1.04 -35.36	43.51 1.69 -26.76	45.23 1.55 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.79 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.92 1.72 -23.81	44.23 2.84 -16.73	42.82 3.11 -10.61	41.49 2.69 -12.70	39.04 1.77 -18.59
GOWANUS_GT2_8 24121	47.49 1.07 -33.15	47.62 0.93 -33.98	47.78 1.65 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.30 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.07 0.86 -36.07	44.87 1.80 -25.46	45.87 1.04 -35.36	43.51 1.69 -26.76	45.23 1.55 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.79 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.92 1.72 -23.81	44.23 2.84 -16.73	42.82 3.11 -10.61	41.49 2.69 -12.70	39.04 1.77 -18.59
GOWANUS_GT3_1 24122	47.49 1.06 -33.15	47.61 0.92 -33.98	47.77 1.64 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.31 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.06 0.86 -36.07	44.86 1.79 -25.46	45.86 1.03 -35.36	43.50 1.68 -26.76	45.22 1.54 -30.11	44.47 1.16 -32.50	36.98 1.58 -21.00	36.77 2.62 -9.46	38.87 1.69 -21.84	40.78 1.87 -21.46	40.33 1.03 -29.79	41.91 1.71 -23.81	44.21 2.82 -16.73	42.80 3.08 -10.61	41.47 2.68 -12.70	39.03 1.76 -18.59
GOWANUS_GT3_2 24123	47.49 1.06 -33.15	47.61 0.92 -33.98	47.77 1.64 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.31 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.06 0.86 -36.07	44.86 1.79 -25.46	45.86 1.03 -35.36	43.50 1.68 -26.76	45.22 1.54 -30.11	44.47 1.16 -32.50	36.98 1.58 -21.00	36.77 2.62 -9.46	38.87 1.69 -21.84	40.78 1.87 -21.46	40.33 1.03 -29.79	41.91 1.71 -23.81	44.21 2.82 -16.73	42.80 3.08 -10.61	41.47 2.68 -12.70	39.03 1.76 -18.59
GOWANUS_GT3_3 24124	47.49 1.06 -33.15	47.61 0.92 -33.98	47.77 1.64 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.31 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.06 0.86 -36.07	44.86 1.79 -25.46	45.86 1.03 -35.36	43.50 1.68 -26.76	45.22 1.54 -30.11	44.47 1.16 -32.50	36.98 1.58 -21.00	36.77 2.62 -9.46	38.87 1.69 -21.84	40.78 1.87 -21.46	40.33 1.03 -29.79	41.91 1.71 -23.81	44.21 2.82 -16.73	42.80 3.08 -10.61	41.47 2.68 -12.70	39.03 1.76 -18.59
GOWANUS_GT3_4 24125	47.49 1.06 -33.15	47.61 0.92 -33.98	47.77 1.64 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.31 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.06 0.86 -36.07	44.86 1.79 -25.46	45.86 1.03 -35.36	43.50 1.68 -26.76	45.22 1.54 -30.11	44.47 1.16 -32.50	36.98 1.58 -21.00	36.77 2.62 -9.46	38.87 1.69 -21.84	40.78 1.87 -21.46	40.33 1.03 -29.79	41.91 1.71 -23.81	44.21 2.82 -16.73	42.80 3.08 -10.61	41.47 2.68 -12.70	39.03 1.76 -18.59
GOWANUS_GT3_5 24126	47.49 1.06 -33.15	47.61 0.92 -33.98	47.77 1.64 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.31 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.06 0.86 -36.07	44.86 1.79 -25.46	45.86 1.03 -35.36	43.50 1.68 -26.76	45.22 1.54 -30.11	44.47 1.16 -32.50	36.98 1.58 -21.00	36.77 2.62 -9.46	38.87 1.69 -21.84	40.78 1.87 -21.46	40.33 1.03 -29.79	41.91 1.71 -23.81	44.21 2.82 -16.73	42.80 3.08 -10.61	41.47 2.68 -12.70	39.03 1.76 -18.59
GOWANUS_GT3_6 24127	47.49 1.06 -33.15	47.61 0.92 -33.98	47.77 1.64 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.31 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.06 0.86 -36.07	44.86 1.79 -25.46	45.86 1.03 -35.36	43.50 1.68 -26.76	45.22 1.54 -30.11	44.47 1.16 -32.50	36.98 1.58 -21.00	36.77 2.62 -9.46	38.87 1.69 -21.84	40.78 1.87 -21.46	40.33 1.03 -29.79	41.91 1.71 -23.81	44.21 2.82 -16.73	42.80 3.08 -10.61	41.47 2.68 -12.70	39.03 1.76 -18.59
GOWANUS_GT3_7 24128	47.49 1.06 -33.15	47.61 0.92 -33.98	47.77 1.64 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.31 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.06 0.86 -36.07	44.86 1.79 -25.46	45.86 1.03 -35.36	43.50 1.68 -26.76	45.22 1.54 -30.11	44.47 1.16 -32.50	36.98 1.58 -21.00	36.77 2.62 -9.46	38.87 1.69 -21.84	40.78 1.87 -21.46	40.33 1.03 -29.79	41.91 1.71 -23.81	44.21 2.82 -16.73	42.80 3.08 -10.61	41.47 2.68 -12.70	39.03 1.76 -18.59
GOWANUS_GT3_8 24129	47.49 1.06 -33.15	47.61 0.92 -33.98	47.77 1.64 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.31 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.06 0.86 -36.07	44.86 1.79 -25.46	45.86 1.03 -35.36	43.50 1.68 -26.76	45.22 1.54 -30.11	44.47 1.16 -32.50	36.98 1.58 -21.00	36.77 2.62 -9.46	38.87 1.69 -21.84	40.78 1.87 -21.46	40.33 1.03 -29.79	41.91 1.71 -23.81	44.21 2.82 -16.73	42.80 3.08 -10.61	41.47 2.68 -12.70	39.03 1.76 -18.59
GOWANUS_GT4_1 24130	47.49 1.07 -33.15	47.62 0.93 -33.98	47.78 1.65 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.30 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.07 0.86 -36.07	44.87 1.80 -25.46	45.87 1.04 -35.36	43.51 1.69 -26.76	45.23 1.55 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.79 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.92 1.72 -23.81	44.23 2.84 -16.73	42.82 3.11 -10.61	41.49 2.69 -12.70	39.04 1.77 -18.59
GOWANUS_GT4_2 24131	47.49 1.07 -33.15	47.62 0.93 -33.98	47.78 1.65 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.30 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.07 0.86 -36.07	44.87 1.80 -25.46	45.87 1.04 -35.36	43.51 1.69 -26.76	45.23 1.55 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.79 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.92 1.72 -23.81	44.23 2.84 -16.73	42.82 3.11 -10.61	41.49 2.69 -12.70	39.04 1.77 -18.59
GOWANUS_GT4_3 24132	47.49 1.07 -33.15	47.62 0.93 -33.98	47.78 1.65 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.30 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.07 0.86 -36.07	44.87 1.80 -25.46	45.87 1.04 -35.36	43.51 1.69 -26.76	45.23 1.55 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.79 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.92 1.72 -23.81	44.23 2.84 -16.73	42.82 3.11 -10.61	41.49 2.69 -12.70	39.04 1.77 -18.59
GOWANUS_GT4_4 24133	47.49 1.07 -33.15	47.62 0.93 -33.98	47.78 1.65 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.30 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.07 0.86 -36.07	44.87 1.80 -25.46	45.87 1.04 -35.36	43.51 1.69 -26.76	45.23 1.55 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.79 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.92 1.72 -23.81	44.23 2.84 -16.73	42.82 3.11 -10.61	41.49 2.69 -12.70	39.04 1.77 -18.59
GOWANUS_GT4_5 24134	47.49 1.07 -33.15	47.62 0.93 -33.98	47.78 1.65 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.30 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.07 0.86 -36.07	44.87 1.80 -25.46	45.87 1.04 -35.36	43.51 1.69 -26.76	45.23 1.55 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.79 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.92 1.72 -23.81	44.23 2.84 -16.73	42.82 3.11 -10.61	41.49 2.69 -12.70	39.04 1.77 -18.59

GOWANUS_GT4_6 24135	47.49 1.07 -33.15	47.62 0.93 -33.98	47.78 1.65 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.30 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.07 0.86 -36.07	44.87 1.80 -25.46	45.87 1.04 -35.36	43.51 1.69 -26.76	45.23 1.55 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.79 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.92 1.72 -23.81	44.23 2.84 -16.73	42.82 3.11 -10.61	41.49 2.69 -12.70	39.04 1.77 -18.59
GOWANUS_GT4_7 24136	47.49 1.07 -33.15	47.62 0.93 -33.98	47.78 1.65 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.30 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.07 0.86 -36.07	44.87 1.80 -25.46	45.87 1.04 -35.36	43.51 1.69 -26.76	45.23 1.55 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.79 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.92 1.72 -23.81	44.23 2.84 -16.73	42.82 3.11 -10.61	41.49 2.69 -12.70	39.04 1.77 -18.59
GOWANUS_GT4_8 24137	47.49 1.07 -33.15	47.62 0.93 -33.98	47.78 1.65 -20.32	44.30 0.17 -41.90	41.64 -0.43 -47.42	43.30 -0.48 -49.77	42.93 0.32 -38.51	43.34 0.55 -36.33	46.07 0.86 -36.07	44.87 1.80 -25.46	45.87 1.04 -35.36	43.51 1.69 -26.76	45.23 1.55 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.79 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.92 1.72 -23.81	44.23 2.84 -16.73	42.82 3.11 -10.61	41.49 2.69 -12.70	39.04 1.77 -18.59
GRAHMSVILLE___HY 23607	41.14 0.69 -27.18	41.17 0.61 -27.86	43.55 1.08 -16.66	36.68 0.11 -34.34	33.18 -0.29 -38.82	34.43 -0.33 -40.75	35.85 0.21 -31.53	36.59 0.38 -29.75	39.28 0.61 -29.53	39.74 1.28 -20.85	39.16 0.74 -28.95	38.18 1.22 -21.91	39.34 1.12 -24.65	38.26 0.84 -26.61	32.73 1.14 -17.20	34.23 1.83 -7.71	34.29 1.20 -17.75	40.81 1.33 -22.03	40.93 0.76 -30.66	42.13 1.24 -24.50	43.85 1.99 -17.21	42.19 2.17 -10.92	40.98 1.81 -13.07	38.92 1.12 -19.13
GREENIDGE___3 23582	18.78 -0.71 -6.21	18.27 -0.80 -6.37	27.94 -1.67 -3.81	9.94 -0.11 -7.82	3.74 0.23 -8.86	3.58 0.26 -9.32	11.15 -0.16 -7.19	13.03 -0.23 -6.80	15.58 -0.31 -6.75	21.63 -0.75 -4.77	15.74 -0.35 -6.62	19.46 -0.61 -5.01	18.60 -0.61 -5.64	16.48 -0.41 -6.09	17.82 -0.51 -3.93	25.11 -1.28 -1.70	18.38 -0.80 -3.84	20.23 -0.98 -3.76	14.39 -0.35 -5.22	19.90 -0.66 -4.17	26.11 -1.48 -2.93	29.07 -1.90 -1.86	26.52 -1.80 -2.23	20.64 -1.29 -3.26
GREENIDGE___4 23583	18.77 -0.72 -6.21	18.25 -0.82 -6.37	27.92 -1.69 -3.81	9.94 -0.11 -7.82	3.74 0.23 -8.86	3.58 0.25 -9.32	11.15 -0.16 -7.19	13.03 -0.23 -6.80	15.58 -0.32 -6.75	21.59 -0.79 -4.77	15.72 -0.37 -6.62	19.44 -0.63 -5.01	18.56 -0.65 -5.64	16.48 -0.42 -6.09	17.82 -0.51 -3.93	25.07 -1.32 -1.70	18.33 -0.85 -3.84	20.17 -1.04 -3.76	14.37 -0.36 -5.22	19.89 -0.67 -4.17	26.04 -1.54 -2.93	29.01 -1.95 -1.86	26.48 -1.85 -2.23	20.58 -1.35 -3.26
HARZA MOOSE___RIVER 24016	13.56 0.12 -0.15	13.02 0.16 -0.15	26.34 0.44 -0.09	2.41 0.02 -0.17	-5.15 0.00 -0.20	-5.76 0.00 -0.23	4.28 0.01 -0.16	6.69 0.06 -0.17	9.40 0.09 -0.17	17.91 0.18 -0.12	9.70 0.06 -0.16	15.30 0.12 -0.12	13.84 0.13 -0.14	11.09 0.14 -0.15	14.67 0.17 -0.10	25.21 0.47 -0.05	15.67 0.21 -0.11	17.85 0.29 -0.11	9.72 0.07 -0.14	16.70 0.20 -0.12	25.17 0.43 -0.09	29.59 0.43 -0.05	26.58 0.43 -0.06	19.16 0.39 -0.09
HEMPSTEAD___ 23647	47.15 0.72 -33.15	47.32 0.64 -33.98	47.27 1.15 -20.32	44.26 0.12 -41.91	41.75 -0.31 -47.41	43.42 -0.35 -49.76	42.84 0.22 -38.50	43.18 0.40 -36.32	45.83 0.63 -36.06	47.18 1.32 -28.25	51.95 0.76 -41.72	49.64 1.23 -33.36	46.81 1.13 -32.11	44.15 0.84 -32.50	36.55 1.15 -21.00	36.04 1.89 -9.46	40.71 1.24 -24.14	43.57 1.36 -24.76	41.09 0.76 -30.81	41.46 1.26 -23.81	51.90 2.04 -25.20	45.69 2.20 -14.38	43.39 1.89 -15.41	38.50 1.23 -18.59
HICKLING___1 23621	21.28 -0.06 -8.06	20.86 -0.11 -8.26	30.47 -0.28 -4.94	12.38 0.00 -10.15	6.14 0.00 -11.50	6.09 -0.01 -12.09	13.46 0.02 -9.34	15.36 0.07 -8.83	18.04 0.13 -8.76	24.09 0.29 -6.18	18.25 0.18 -8.59	21.82 0.26 -6.50	21.12 0.24 -7.31	18.85 0.15 -7.90	19.73 0.22 -5.10	27.09 0.20 -2.21	20.51 0.18 -4.99	22.50 0.17 -4.88	16.47 0.19 -6.77	22.09 0.29 -5.41	28.74 0.29 -3.80	31.74 0.23 -2.41	29.10 0.11 -2.89	22.79 -0.11 -4.23
HICKLING___2 23622	21.28 -0.06 -8.06	20.86 -0.11 -8.26	30.47 -0.28 -4.94	12.38 0.00 -10.15	6.14 -0.01 -11.50	6.09 -0.01 -12.09	13.46 0.02 -9.34	15.36 0.07 -8.83	18.04 0.13 -8.76	24.09 0.30 -6.18	18.25 0.19 -8.59	21.82 0.26 -6.50	21.13 0.24 -7.31	18.86 0.15 -7.90	19.73 0.23 -5.10	27.10 0.20 -2.21	20.51 0.18 -4.99	22.51 0.18 -4.88	16.48 0.19 -6.77	22.09 0.29 -5.41	28.75 0.29 -3.80	31.75 0.23 -2.41	29.10 0.12 -2.89	22.80 -0.10 -4.23
HIGH FALLS___HY 23754	41.28 0.50 -27.51	41.36 0.46 -28.20	43.53 0.86 -16.86	37.02 0.08 -34.71	33.70 -0.21 -39.26	35.02 -0.24 -41.25	36.15 0.15 -31.89	36.81 0.24 -30.11	39.38 0.35 -29.89	39.42 0.71 -21.10	39.18 0.41 -29.30	37.89 0.65 -22.18	39.09 0.57 -24.95	38.19 0.44 -26.94	32.39 0.59 -17.41	34.54 0.99 -8.86	37.58 0.70 -21.54	40.69 0.80 -22.44	41.15 0.46 -31.18	42.06 0.77 -24.91	43.39 1.23 -17.50	41.53 1.32 -11.10	40.46 1.07 -13.29	38.97 0.84 -19.45
HILLBURN___GT 23639	46.02 0.51 -32.23	46.18 0.44 -33.04	46.33 0.76 -19.75	43.01 0.09 -40.70	40.36 -0.22 -45.94	41.99 -0.26 -48.24	41.58 0.17 -37.30	41.97 0.30 -35.21	44.57 0.47 -34.95	43.29 1.00 -24.68	44.32 0.58 -34.27	41.94 0.94 -25.94	43.62 0.87 -29.18	42.95 0.65 -31.50	35.63 0.88 -20.36	35.29 1.38 -9.21	37.57 0.93 -21.31	39.41 1.01 -20.95	39.19 0.59 -29.09	40.57 0.95 -23.24	42.48 1.50 -16.33	41.07 1.61 -10.36	39.86 1.36 -12.40	37.65 0.83 -18.15
HOLTSVIL 1-5___GRP1 24031	47.14 0.72 -33.15	47.33 0.65 -33.98	47.40 1.27 -20.32	44.27 0.14 -41.91	41.71 -0.34 -47.41	43.39 -0.38 -49.76	42.84 0.22 -38.50	43.16 0.37 -36.32	45.80 0.60 -36.06	47.16 1.30 -28.25	51.95 0.76 -41.72	49.66 1.25 -33.36	46.83 1.15 -32.11	44.13 0.82 -32.50	36.49 1.09 -21.00	36.00 1.85 -9.46	40.69 1.21 -24.14	43.53 1.32 -24.76	41.05 0.72 -30.81	41.42 1.22 -23.81	51.91 2.05 -25.20	45.65 2.17 -14.38	43.39 1.88 -15.41	38.48 1.22 -18.59
HOLTSVIL6-10___GRP2 24032	47.14 0.72 -33.15	47.33 0.65 -33.98	47.40 1.27 -20.32	44.27 0.14 -41.91	41.71 -0.34 -47.41	43.39 -0.38 -49.76	42.84 0.22 -38.50	43.16 0.37 -36.32	45.80 0.60 -36.06	47.16 1.30 -28.25	51.95 0.76 -41.72	49.66 1.25 -33.36	46.83 1.15 -32.11	44.13 0.82 -32.50	36.49 1.09 -21.00	36.00 1.85 -9.46	40.69 1.21 -24.14	43.53 1.32 -24.76	41.05 0.72 -30.81	41.42 1.22 -23.81	51.91 2.05 -25.20	45.65 2.17 -14.38	43.39 1.88 -15.41	38.48 1.22 -18.59
HOLTSVILLE_IC_1 23690	47.14 0.72 -33.15	47.33 0.65 -33.98	47.40 1.27 -20.32	44.27 0.14 -41.91	41.71 -0.34 -47.41	43.39 -0.38 -49.76	42.84 0.22 -38.50	43.16 0.37 -36.32	45.80 0.60 -36.06	47.16 1.30 -28.25	51.95 0.76 -41.72	49.66 1.25 -33.36	46.83 1.15 -32.11	44.13 0.82 -32.50	36.49 1.09 -21.00	36.00 1.85 -9.46	40.69 1.21 -24.14	43.53 1.32 -24.76	41.05 0.72 -30.81	41.42 1.22 -23.81	51.91 2.05 -25.20	45.65 2.17 -14.38	43.39 1.88 -15.41	38.48 1.22 -18.59
HOLTSVILLE_IC_10 23699	47.14 0.72 -33.15	47.33 0.65 -33.98	47.40 1.27 -20.32	44.27 0.14 -41.91	41.71 -0.34 -47.41	43.39 -0.38 -49.76	42.84 0.22 -38.50	43.16 0.37 -36.32	45.80 0.60 -36.06	47.16 1.30 -28.25	51.95 0.76 -41.72	49.66 1.25 -33.36	46.83 1.15 -32.11	44.13 0.82 -32.50	36.49 1.09 -21.00	36.00 1.85 -9.46	40.69 1.21 -24.14	43.53 1.32 -24.76	41.05 0.72 -30.81	41.42 1.22 -23.81	51.91 2.05 -25.20	45.65 2.17 -14.38	43.39 1.88 -15.41	38.48 1.22 -18.59

HOLTSVILLE_IC_2 23691	47.14 0.72 -33.15	47.33 0.65 -33.98	47.40 1.27 -20.32	44.27 0.14 -41.91	41.71 -0.34 -47.41	43.39 -0.38 -49.76	42.84 0.22 -38.50	43.16 0.37 -36.32	45.80 0.60 -36.06	47.16 1.30 -28.25	51.95 0.76 -41.72	49.66 1.25 -33.36	46.83 1.15 -32.11	44.13 0.82 -32.50	36.49 1.09 -21.00	36.00 1.85 -9.46	40.69 1.21 -24.14	43.53 1.32 -24.76	41.05 0.72 -30.81	41.42 1.22 -23.81	51.91 2.05 -25.20	45.65 2.17 -14.38	43.39 1.88 -15.41	38.48 1.22 -18.59
HOLTSVILLE_IC_3 23692	47.14 0.72 -33.15	47.33 0.65 -33.98	47.40 1.27 -20.32	44.27 0.14 -41.91	41.71 -0.34 -47.41	43.39 -0.38 -49.76	42.84 0.22 -38.50	43.16 0.37 -36.32	45.80 0.60 -36.06	47.16 1.30 -28.25	51.95 0.76 -41.72	49.66 1.25 -33.36	46.83 1.15 -32.11	44.13 0.82 -32.50	36.49 1.09 -21.00	36.00 1.85 -9.46	40.69 1.21 -24.14	43.53 1.32 -24.76	41.05 0.72 -30.81	41.42 1.22 -23.81	51.91 2.05 -25.20	45.65 2.17 -14.38	43.39 1.88 -15.41	38.48 1.22 -18.59
HOLTSVILLE_IC_4 23693	47.14 0.72 -33.15	47.33 0.65 -33.98	47.40 1.27 -20.32	44.27 0.14 -41.91	41.71 -0.34 -47.41	43.39 -0.38 -49.76	42.84 0.22 -38.50	43.16 0.37 -36.32	45.80 0.60 -36.06	47.16 1.30 -28.25	51.95 0.76 -41.72	49.66 1.25 -33.36	46.83 1.15 -32.11	44.13 0.82 -32.50	36.49 1.09 -21.00	36.00 1.85 -9.46	40.69 1.21 -24.14	43.53 1.32 -24.76	41.05 0.72 -30.81	41.42 1.22 -23.81	51.91 2.05 -25.20	45.65 2.17 -14.38	43.39 1.88 -15.41	38.48 1.22 -18.59
HOLTSVILLE_IC_5 23694	47.14 0.72 -33.15	47.33 0.65 -33.98	47.40 1.27 -20.32	44.27 0.14 -41.91	41.71 -0.34 -47.41	43.39 -0.38 -49.76	42.84 0.22 -38.50	43.16 0.37 -36.32	45.80 0.60 -36.06	47.16 1.30 -28.25	51.95 0.76 -41.72	49.66 1.25 -33.36	46.83 1.15 -32.11	44.13 0.82 -32.50	36.49 1.09 -21.00	36.00 1.85 -9.46	40.69 1.21 -24.14	43.53 1.32 -24.76	41.05 0.72 -30.81	41.42 1.22 -23.81	51.91 2.05 -25.20	45.65 2.17 -14.38	43.39 1.88 -15.41	38.48 1.22 -18.59
HOLTSVILLE_IC_6 23695	47.14 0.72 -33.15	47.33 0.65 -33.98	47.40 1.27 -20.32	44.27 0.14 -41.91	41.71 -0.34 -47.41	43.39 -0.38 -49.76	42.84 0.22 -38.50	43.16 0.37 -36.32	45.80 0.60 -36.06	47.16 1.30 -28.25	51.95 0.76 -41.72	49.66 1.25 -33.36	46.83 1.15 -32.11	44.13 0.82 -32.50	36.49 1.09 -21.00	36.00 1.85 -9.46	40.69 1.21 -24.14	43.53 1.32 -24.76	41.05 0.72 -30.81	41.42 1.22 -23.81	51.91 2.05 -25.20	45.65 2.17 -14.38	43.39 1.88 -15.41	38.48 1.22 -18.59
HOLTSVILLE_IC_7 23696	47.14 0.72 -33.15	47.33 0.65 -33.98	47.40 1.27 -20.32	44.27 0.14 -41.91	41.71 -0.34 -47.41	43.39 -0.38 -49.76	42.84 0.22 -38.50	43.16 0.37 -36.32	45.80 0.60 -36.06	47.16 1.30 -28.25	51.95 0.76 -41.72	49.66 1.25 -33.36	46.83 1.15 -32.11	44.13 0.82 -32.50	36.49 1.09 -21.00	36.00 1.85 -9.46	40.69 1.21 -24.14	43.53 1.32 -24.76	41.05 0.72 -30.81	41.42 1.22 -23.81	51.91 2.05 -25.20	45.65 2.17 -14.38	43.39 1.88 -15.41	38.48 1.22 -18.59
HOLTSVILLE_IC_8 23697	47.14 0.72 -33.15	47.33 0.65 -33.98	47.40 1.27 -20.32	44.27 0.14 -41.91	41.71 -0.34 -47.41	43.39 -0.38 -49.76	42.84 0.22 -38.50	43.16 0.37 -36.32	45.80 0.60 -36.06	47.16 1.30 -28.25	51.95 0.76 -41.72	49.66 1.25 -33.36	46.83 1.15 -32.11	44.13 0.82 -32.50	36.49 1.09 -21.00	36.00 1.85 -9.46	40.69 1.21 -24.14	43.53 1.32 -24.76	41.05 0.72 -30.81	41.42 1.22 -23.81	51.91 2.05 -25.20	45.65 2.17 -14.38	43.39 1.88 -15.41	38.48 1.22 -18.59
HOLTSVILLE_IC_9 23698	47.14 0.72 -33.15	47.33 0.65 -33.98	47.40 1.27 -20.32	44.27 0.14 -41.91	41.71 -0.34 -47.41	43.39 -0.38 -49.76	42.84 0.22 -38.50	43.16 0.37 -36.32	45.80 0.60 -36.06	47.16 1.30 -28.25	51.95 0.76 -41.72	49.66 1.25 -33.36	46.83 1.15 -32.11	44.13 0.82 -32.50	36.49 1.09 -21.00	36.00 1.85 -9.46	40.69 1.21 -24.14	43.53 1.32 -24.76	41.05 0.72 -30.81	41.42 1.22 -23.81	51.91 2.05 -25.20	45.65 2.17 -14.38	43.39 1.88 -15.41	38.48 1.22 -18.59
HQ_GEN_CEDARS 23644	12.85 -0.13 0.30	12.32 -0.08 0.31	25.64 0.02 0.18	1.86 -0.04 0.33	-5.61 0.14 0.40	-6.27 0.17 0.45	3.70 -0.09 0.32	6.06 -0.07 0.33	8.69 -0.12 0.33	17.21 -0.18 0.23	9.01 -0.14 0.32	14.62 -0.19 0.24	13.15 -0.15 0.27	10.42 -0.09 0.29	14.07 -0.14 0.19	24.66 0.05 0.08	15.10 -0.06 0.18	17.27 -0.01 0.17	9.15 -0.15 0.22	16.07 -0.12 0.19	24.59 0.07 0.13	29.26 0.24 0.08	26.23 0.23 0.10	18.85 0.32 0.15
HQ_GEN_CHAT DC 23651	12.81 -0.22 0.24	12.26 -0.20 0.25	33.43 -0.35 -7.97	2.13 -0.04 0.05	-5.58 0.10 0.32	-6.99 0.11 1.11	3.55 -0.07 0.49	27.84 -0.12 -21.50	20.16 -0.19 -11.20	17.22 -0.34 0.05	9.03 -0.19 0.26	14.57 -0.29 0.20	13.10 -0.25 0.22	10.37 -0.19 0.24	13.99 -0.25 0.16	33.33 -0.42 -9.05	29.32 -0.28 -14.26	34.94 -0.31 -17.81	9.51 -0.18 -0.18	15.93 -0.30 0.16	24.10 -0.44 0.11	28.68 -0.36 0.07	25.73 -0.28 0.08	27.30 -0.20 -8.83
HUDAV+59+74_TH_GRP 23620	47.34 0.92 -33.15	47.48 0.80 -33.98	47.56 1.43 -20.32	44.28 0.15 -41.90	41.69 -0.37 -47.41	43.36 -0.42 -49.77	42.89 0.28 -38.51	43.27 0.48 -36.33	45.96 0.76 -36.06	44.66 1.59 -25.46	45.75 0.92 -35.35	43.31 1.50 -26.76	45.05 1.38 -30.10	44.34 1.03 -32.50	36.80 1.40 -21.00	36.46 2.31 -9.46	38.67 1.50 -21.84	40.56 1.65 -21.46	40.21 0.92 -29.78	41.71 1.52 -23.81	43.88 2.50 -16.73	42.46 2.75 -10.61	41.17 2.37 -12.70	38.81 1.54 -18.59
HUDSON AVE_GT_3 23810	47.34 0.92 -33.15	47.48 0.80 -33.98	47.56 1.43 -20.32	44.28 0.15 -41.90	41.69 -0.37 -47.41	43.36 -0.42 -49.77	42.89 0.28 -38.51	43.27 0.48 -36.33	45.96 0.76 -36.06	44.66 1.59 -25.46	45.75 0.92 -35.35	43.31 1.50 -26.76	45.05 1.38 -30.10	44.34 1.03 -32.50	36.80 1.40 -21.00	36.46 2.31 -9.46	38.67 1.50 -21.84	40.56 1.65 -21.46	40.21 0.92 -29.78	41.71 1.52 -23.81	43.88 2.50 -16.73	42.46 2.75 -10.61	41.17 2.37 -12.70	38.81 1.54 -18.59
HUDSON AVE_GT_4 23540	47.34 0.92 -33.15	47.48 0.80 -33.98	47.56 1.43 -20.32	44.28 0.15 -41.90	41.69 -0.37 -47.41	43.36 -0.42 -49.77	42.89 0.28 -38.51	43.27 0.48 -36.33	45.96 0.76 -36.06	44.66 1.59 -25.46	45.75 0.92 -35.35	43.31 1.50 -26.76	45.05 1.38 -30.10	44.34 1.03 -32.50	36.80 1.40 -21.00	36.46 2.31 -9.46	38.67 1.50 -21.84	40.56 1.65 -21.46	40.21 0.92 -29.78	41.71 1.52 -23.81	43.88 2.50 -16.73	42.46 2.75 -10.61	41.17 2.37 -12.70	38.81 1.54 -18.59
HUDSON AVE_GT_5 23657	47.34 0.92 -33.15	47.48 0.80 -33.98	47.56 1.43 -20.32	44.28 0.15 -41.90	41.69 -0.37 -47.41	43.36 -0.42 -49.77	42.89 0.28 -38.51	43.27 0.48 -36.33	45.96 0.76 -36.06	44.66 1.59 -25.46	45.75 0.92 -35.35	43.31 1.50 -26.76	45.05 1.38 -30.10	44.34 1.03 -32.50	36.80 1.40 -21.00	36.46 2.31 -9.46	38.67 1.50 -21.84	40.56 1.65 -21.46	40.21 0.92 -29.78	41.71 1.52 -23.81	43.88 2.50 -16.73	42.46 2.75 -10.61	41.17 2.37 -12.70	38.81 1.54 -18.59
HUDSON_AVE_10 24168	20.86 0.88 -6.70	20.34 0.77 -6.87	31.29 1.37 -4.10	10.82 0.14 -8.45	3.85 -0.36 -9.56	3.65 -0.40 -10.05	12.15 0.27 -7.77	14.26 0.47 -7.33	17.16 0.74 -7.28	24.31 1.56 -5.14	17.50 0.89 -7.14	21.93 1.47 -5.40	21.00 1.35 -6.08	18.37 1.00 -6.56	20.00 1.36 -4.24	28.77 2.25 -1.83	20.95 1.46 -4.14	23.12 1.61 -4.06	16.04 0.89 -5.64	22.36 1.48 -4.50	30.27 2.46 -3.16	33.79 2.69 -2.01	30.80 2.30 -2.40	23.68 1.50 -3.51
HUNTLEY___63 23557	17.20 -1.15 -5.07	16.73 -1.17 -5.20	26.60 -2.32 -3.11	8.42 -0.18 -6.37	2.22 0.35 -7.22	2.02 0.40 -7.60	9.74 -0.23 -5.86	11.61 -0.40 -5.55	14.01 -0.65 -5.51	20.20 -1.30 -3.89	14.20 -0.68 -5.40	18.01 -1.14 -4.09	17.18 -0.99 -4.60	14.98 -0.80 -4.97	16.64 -0.97 -3.21	23.95 -2.13 -1.39	17.36 -1.12 -3.14	19.15 -1.37 -3.07	13.23 -0.54 -4.26	18.59 -1.20 -3.41	24.62 -2.43 -2.39	27.81 -2.82 -1.52	25.33 -2.58 -1.82	19.48 -1.85 -2.66

HUNTLEY___64 23558	17.20 -1.15 -5.07	16.73 -1.17 -5.20	26.60 -2.32 -3.11	8.42 -0.18 -6.37	2.22 0.35 -7.22	2.02 0.40 -7.60	9.74 -0.23 -5.86	11.61 -0.40 -5.55	14.01 -0.65 -5.51	20.20 -1.30 -3.89	14.20 -0.68 -5.40	18.01 -1.14 -4.09	17.18 -0.99 -4.60	14.98 -0.80 -4.97	16.64 -0.97 -3.21	23.95 -2.13 -1.39	17.36 -1.12 -3.14	19.15 -1.37 -3.07	13.23 -0.54 -4.26	18.59 -1.20 -3.41	24.62 -2.43 -2.39	27.81 -2.82 -1.52	25.33 -2.58 -1.82	19.48 -1.85 -2.66
HUNTLEY___65 23559	17.20 -1.15 -5.07	16.73 -1.17 -5.20	26.60 -2.32 -3.11	8.42 -0.18 -6.37	2.22 0.35 -7.22	2.02 0.40 -7.60	9.74 -0.23 -5.86	11.61 -0.40 -5.55	14.01 -0.65 -5.51	20.20 -1.30 -3.89	14.20 -0.68 -5.40	18.01 -1.14 -4.09	17.18 -0.99 -4.60	14.98 -0.80 -4.97	16.64 -0.97 -3.21	23.95 -2.13 -1.39	17.36 -1.12 -3.14	19.15 -1.37 -3.07	13.23 -0.54 -4.26	18.59 -1.20 -3.41	24.62 -2.43 -2.39	27.81 -2.82 -1.52	25.33 -2.58 -1.82	19.48 -1.85 -2.66
HUNTLEY___66 23560	17.20 -1.15 -5.07	16.73 -1.17 -5.20	26.60 -2.32 -3.11	8.42 -0.18 -6.37	2.22 0.35 -7.22	2.02 0.40 -7.60	9.74 -0.23 -5.86	11.61 -0.40 -5.55	14.01 -0.65 -5.51	20.20 -1.30 -3.89	14.20 -0.68 -5.40	18.01 -1.14 -4.09	17.18 -0.99 -4.60	14.98 -0.80 -4.97	16.64 -0.97 -3.21	23.95 -2.13 -1.39	17.36 -1.12 -3.14	19.15 -1.37 -3.07	13.23 -0.54 -4.26	18.59 -1.20 -3.41	24.62 -2.43 -2.39	27.81 -2.82 -1.52	25.33 -2.58 -1.82	19.48 -1.85 -2.66
HUNTLEY___67 23561	17.17 -1.23 -5.12	16.71 -1.24 -5.24	26.51 -2.44 -3.14	8.46 -0.19 -6.42	2.30 0.38 -7.28	2.11 0.43 -7.67	9.77 -0.25 -5.91	11.63 -0.43 -5.60	14.01 -0.69 -5.56	20.13 -1.40 -3.92	14.21 -0.71 -5.45	17.96 -1.22 -4.12	17.14 -1.08 -4.64	14.95 -0.86 -5.01	16.58 -1.05 -3.24	23.80 -2.29 -1.40	17.26 -1.25 -3.17	19.01 -1.53 -3.10	13.19 -0.62 -4.29	18.51 -1.31 -3.44	24.48 -2.59 -2.41	27.59 -3.04 -1.53	25.17 -2.75 -1.83	19.32 -2.03 -2.68
HUNTLEY___68 23562	17.17 -1.23 -5.12	16.71 -1.24 -5.24	26.51 -2.44 -3.14	8.46 -0.19 -6.42	2.30 0.38 -7.28	2.11 0.43 -7.67	9.77 -0.25 -5.91	11.63 -0.43 -5.60	14.00 -0.70 -5.56	20.13 -1.40 -3.92	14.21 -0.71 -5.45	17.96 -1.22 -4.12	17.14 -1.08 -4.64	14.95 -0.86 -5.01	16.58 -1.06 -3.24	23.80 -2.29 -1.40	17.26 -1.25 -3.17	19.01 -1.53 -3.10	13.19 -0.62 -4.29	18.51 -1.31 -3.44	24.48 -2.59 -2.41	27.59 -3.04 -1.53	25.17 -2.76 -1.83	19.32 -2.04 -2.68
INDECK___CORINTH 23802	58.09 1.01 -43.80	58.67 1.07 -44.90	54.95 2.29 -26.85	57.69 0.16 -55.30	56.87 0.34 -62.57	59.32 -0.41 -65.72	55.20 0.28 -50.81	54.84 0.41 -47.97	57.30 0.55 -47.62	52.08 0.85 -33.62	56.49 0.33 -46.68	50.82 0.43 -35.33	53.47 0.15 -39.75	53.98 0.26 -42.92	42.33 0.20 -27.73	37.70 0.78 -12.22	43.61 0.34 -27.93	45.36 0.50 -27.42	47.70 0.12 -38.06	47.27 0.46 -30.42	47.24 1.21 -21.37	44.23 1.56 -13.56	43.75 1.42 -16.23	43.92 1.49 -23.75
INDECK___ILION 23567	13.02 0.53 0.79	12.43 0.53 0.81	26.36 1.04 0.48	1.35 0.09 0.97	-6.68 -0.23 1.10	-7.43 -0.26 1.18	3.39 0.17 0.89	5.87 0.27 0.86	8.56 0.28 0.85	17.55 0.54 0.60	8.93 0.30 0.84	14.90 0.47 0.63	13.25 0.39 0.71	10.34 0.30 0.77	14.28 0.37 0.50	25.15 0.67 0.21	15.31 0.44 0.47	17.49 0.50 0.45	9.17 0.27 0.62	16.37 0.49 0.50	25.09 0.79 0.35	29.73 0.85 0.22	26.54 0.71 0.27	18.80 0.51 0.39
INDECK___OLEAN 23982	18.84 -0.04 -5.60	18.42 -0.03 -5.74	29.27 0.02 -3.43	9.32 0.04 -7.06	2.52 -0.12 -7.99	2.28 -0.14 -8.41	10.70 0.10 -6.49	12.72 0.12 -6.14	15.42 0.19 -6.09	22.34 0.42 -4.30	15.74 0.30 -5.97	19.98 0.40 -4.52	19.06 0.40 -5.09	16.56 0.26 -5.49	18.33 0.38 -3.55	26.55 0.33 -1.53	19.15 0.34 -3.47	21.12 0.28 -3.39	14.54 0.32 -4.71	20.60 0.45 -3.77	27.63 0.33 -2.64	30.90 0.12 -1.68	28.12 0.02 -2.01	21.52 -0.10 -2.94
INDECK___OSWEGO 23783	15.32 -0.38 -2.42	14.83 -0.36 -2.48	26.61 -0.69 -1.48	5.22 -0.07 -3.06	-1.73 0.17 -3.46	-2.17 0.19 -3.63	6.80 -0.12 -2.81	8.93 -0.18 -2.65	11.52 -0.25 -2.63	18.98 -0.49 -1.86	11.77 -0.28 -2.58	16.56 -0.45 -1.95	15.38 -0.39 -2.20	12.88 -0.29 -2.37	15.54 -0.39 -1.53	24.73 -0.63 -0.66	16.43 -0.40 -1.50	18.46 -0.46 -1.47	11.29 -0.26 -2.04	17.57 -0.44 -1.63	25.12 -0.68 -1.14	28.99 -0.84 -0.73	26.21 -0.75 -0.87	19.43 -0.52 -1.27
INDECK___YERKES 23781	17.19 -1.16 -5.07	16.72 -1.18 -5.20	26.57 -2.35 -3.11	8.42 -0.18 -6.37	2.22 0.36 -7.22	2.02 0.41 -7.60	9.73 -0.24 -5.86	11.60 -0.41 -5.55	14.00 -0.66 -5.51	20.18 -1.32 -3.89	14.19 -0.69 -5.40	17.99 -1.16 -4.09	17.17 -1.01 -4.60	14.97 -0.81 -4.97	16.62 -0.99 -3.21	23.93 -2.15 -1.39	17.35 -1.13 -3.14	19.13 -1.39 -3.07	13.22 -0.55 -4.26	18.57 -1.22 -3.41	24.60 -2.45 -2.39	27.77 -2.85 -1.52	25.30 -2.61 -1.82	19.47 -1.87 -2.66
INDIAN POINT_GT_1 24139	46.85 0.66 -32.91	46.99 0.58 -33.71	46.99 1.02 -20.16	43.86 0.11 -41.52	41.34 -0.29 -46.98	43.04 -0.32 -49.35	42.47 0.21 -38.15	42.85 0.37 -36.02	45.49 0.59 -35.75	44.09 1.24 -25.24	45.24 0.72 -35.05	42.76 1.17 -26.53	44.49 1.07 -29.85	43.82 0.79 -32.23	36.29 1.06 -20.82	35.81 1.73 -9.39	38.17 1.14 -21.69	40.01 1.25 -21.32	39.82 0.71 -29.60	41.20 1.16 -23.65	43.15 1.88 -16.61	41.68 2.04 -10.54	40.45 1.74 -12.62	38.25 1.11 -18.47
INDIAN POINT_GT_2 23659	46.85 0.66 -32.91	46.99 0.58 -33.71	46.99 1.02 -20.16	43.86 0.11 -41.52	41.34 -0.29 -46.98	43.04 -0.32 -49.35	42.47 0.21 -38.15	42.85 0.37 -36.02	45.49 0.59 -35.75	44.09 1.24 -25.24	45.24 0.72 -35.05	42.76 1.17 -26.53	44.49 1.07 -29.85	43.82 0.79 -32.23	36.29 1.06 -20.82	35.81 1.73 -9.39	38.17 1.14 -21.69	40.01 1.25 -21.32	39.82 0.71 -29.60	41.20 1.16 -23.65	43.15 1.88 -16.61	41.68 2.04 -10.54	40.45 1.74 -12.62	38.25 1.11 -18.47
INDIAN POINT_GT_3 24019	46.85 0.66 -32.91	46.99 0.58 -33.71	46.99 1.02 -20.16	43.86 0.11 -41.52	41.34 -0.29 -46.98	43.04 -0.32 -49.35	42.47 0.21 -38.15	42.85 0.37 -36.02	45.49 0.59 -35.75	44.09 1.24 -25.24	45.24 0.72 -35.05	42.76 1.17 -26.53	44.49 1.07 -29.85	43.82 0.79 -32.23	36.29 1.06 -20.82	35.81 1.73 -9.39	38.17 1.14 -21.69	40.01 1.25 -21.32	39.82 0.71 -29.60	41.20 1.16 -23.65	43.15 1.88 -16.61	41.68 2.04 -10.54	40.45 1.74 -12.62	38.25 1.11 -18.47
INDIAN POINT___2 23530	46.41 0.57 -32.57	46.58 0.49 -33.38	46.61 0.84 -19.96	43.48 0.09 -41.16	40.90 -0.25 -46.50	42.53 -0.28 -48.80	42.05 0.18 -37.76	42.41 0.32 -35.62	45.02 0.52 -35.36	43.68 1.10 -24.96	44.78 0.64 -34.67	42.35 1.05 -26.24	44.06 0.97 -29.52	43.39 0.72 -31.87	35.96 0.97 -20.59	35.56 1.56 -9.30	37.88 1.04 -21.50	39.71 1.14 -21.13	39.52 0.65 -29.36	40.88 1.05 -23.44	42.84 1.72 -16.47	41.39 1.84 -10.45	40.17 1.56 -12.51	37.96 0.98 -18.31
INDIAN POINT___3 23531	46.88 0.68 -32.92	47.05 0.59 -33.75	47.05 1.05 -20.18	43.90 0.11 -41.56	41.18 -0.29 -46.83	42.86 -0.33 -49.18	42.35 0.22 -38.03	42.73 0.38 -35.90	45.36 0.59 -35.63	44.00 1.24 -25.15	45.12 0.72 -34.93	42.66 1.17 -26.44	44.38 1.07 -29.74	43.72 0.80 -32.11	36.23 1.08 -20.75	35.80 1.75 -9.36	38.12 1.15 -21.63	39.97 1.27 -21.26	39.75 0.72 -29.52	41.15 1.18 -23.59	43.12 1.90 -16.57	41.67 2.06 -10.51	40.44 1.76 -12.58	38.22 1.13 -18.42
INDIAN PT_GT_GRP 23687	46.85 0.66 -32.91	46.99 0.58 -33.71	46.99 1.02 -20.16	43.86 0.11 -41.52	41.34 -0.29 -46.98	43.04 -0.32 -49.35	42.47 0.21 -38.15	42.85 0.37 -36.02	45.49 0.59 -35.75	44.09 1.24 -25.24	45.24 0.72 -35.05	42.76 1.17 -26.53	44.49 1.07 -29.85	43.82 0.79 -32.23	36.29 1.06 -20.82	35.81 1.73 -9.39	38.17 1.14 -21.69	40.01 1.25 -21.32	39.82 0.71 -29.60	41.20 1.16 -23.65	43.15 1.88 -16.61	41.68 2.04 -10.54	40.45 1.74 -12.62	38.25 1.11 -18.47

IP CORINTH___1 23988	58.09 1.01 -43.80	58.67 1.07 -44.90	54.95 2.29 -26.85	57.69 0.16 -55.30	56.87 -0.34 -62.57	59.32 -0.41 -65.72	55.20 0.28 -50.81	54.84 0.41 -47.97	57.30 0.55 -47.62	52.08 0.85 -33.62	56.49 0.33 -46.68	50.82 0.43 -35.33	53.47 0.15 -39.75	53.98 0.26 -42.92	42.33 0.20 -27.73	37.70 0.78 -12.22	43.61 0.34 -27.93	45.36 0.50 -27.42	47.70 0.12 -38.06	47.27 0.46 -30.42	47.24 1.21 -21.37	44.23 1.56 -13.56	43.75 1.42 -16.23	43.92 1.49 -23.75
IP CORINTH___2 23637	58.09 1.01 -43.80	58.67 1.07 -44.90	54.95 2.29 -26.85	57.69 0.16 -55.30	56.87 -0.34 -62.57	59.32 -0.41 -65.72	55.20 0.28 -50.81	54.84 0.41 -47.97	57.30 0.55 -47.62	52.08 0.85 -33.62	56.49 0.33 -46.68	50.82 0.43 -35.33	53.47 0.15 -39.75	53.98 0.26 -42.92	42.33 0.20 -27.73	37.70 0.78 -12.22	43.61 0.34 -27.93	45.36 0.50 -27.42	47.70 0.12 -38.06	47.27 0.46 -30.42	47.24 1.21 -21.37	44.23 1.56 -13.56	43.75 1.42 -16.23	43.92 1.49 -23.75
IP___TICONDEROGA 23804	57.51 2.11 -42.12	57.92 2.05 -43.17	55.81 4.18 -25.82	55.70 0.31 -53.16	54.08 -0.72 -60.15	56.37 -0.84 -63.19	53.53 0.57 -48.85	53.51 0.92 -46.13	56.19 1.26 -45.79	51.98 2.04 -32.32	55.18 0.82 -44.89	50.28 1.25 -33.98	52.65 0.85 -38.22	52.92 0.84 -41.27	41.98 0.91 -26.67	38.65 2.19 -11.78	43.43 1.17 -26.93	45.37 1.48 -26.44	46.88 0.64 -36.72	47.12 1.40 -29.33	47.75 2.49 -20.61	45.36 3.18 -13.07	44.78 3.04 -15.65	44.71 3.13 -22.90
JARVIS____ 23743	12.61 0.12 0.79	12.01 0.11 0.81	25.54 0.22 0.48	1.28 0.02 0.97	-6.50 -0.05 1.10	-7.23 -0.06 1.18	3.26 0.04 0.89	5.66 0.06 0.86	8.37 0.08 0.85	17.16 0.15 0.60	8.72 0.08 0.84	14.56 0.13 0.63	12.97 0.11 0.71	10.12 0.08 0.77	14.01 0.11 0.50	24.67 0.19 0.21	15.00 0.12 0.47	17.13 0.14 0.45	8.97 0.08 0.62	16.02 0.13 0.50	24.51 0.21 0.35	29.10 0.22 0.22	26.02 0.19 0.27	18.42 0.14 0.39
JENNISON___1 23625	25.19 0.71 -11.19	24.80 0.62 -11.47	33.84 1.17 -6.86	16.44 0.12 -14.09	10.32 -0.29 -15.96	10.48 -0.32 -16.79	17.28 0.21 -12.96	19.08 0.36 -12.26	21.87 0.56 -12.17	27.29 1.09 -8.59	22.01 0.61 -11.93	25.05 0.96 -9.03	24.60 0.88 -10.15	22.45 0.68 -10.96	22.37 0.89 -7.08	29.24 1.49 -3.06	23.23 0.96 -6.93	25.31 1.08 -6.78	19.54 0.62 -9.41	24.97 1.06 -7.52	31.59 1.65 -5.28	34.38 1.93 -3.35	31.75 1.64 -4.01	25.63 1.08 -5.87
JENNISON___2 23626	25.19 0.72 -11.19	24.80 0.62 -11.47	33.84 1.17 -6.86	16.44 0.12 -14.09	10.32 -0.29 -15.96	10.48 -0.32 -16.79	17.28 0.21 -12.96	19.08 0.36 -12.26	21.87 0.56 -12.17	27.29 1.09 -8.59	22.01 0.61 -11.93	25.04 0.96 -9.03	24.60 0.87 -10.15	22.44 0.67 -10.96	22.37 0.88 -7.08	29.24 1.49 -3.06	23.23 0.96 -6.93	25.31 1.08 -6.78	19.54 0.62 -9.41	24.96 1.06 -7.52	31.58 1.64 -5.28	34.38 1.92 -3.35	31.75 1.64 -4.01	25.63 1.09 -5.87
KENSICO____ 23655	47.16 0.77 -33.10	47.31 0.67 -33.93	47.31 1.20 -20.29	44.20 0.13 -41.85	41.69 -0.32 -47.36	43.35 -0.36 -49.71	42.81 0.24 -38.46	43.16 0.42 -36.29	45.81 0.65 -36.02	44.40 1.36 -25.43	45.57 0.79 -35.31	43.06 1.28 -26.72	44.82 1.18 -30.07	44.14 0.88 -32.46	36.56 1.19 -20.98	36.08 1.94 -9.45	38.42 1.27 -21.81	40.29 1.40 -21.44	40.06 0.79 -29.76	41.47 1.30 -23.79	43.47 2.11 -16.71	42.00 2.29 -10.60	40.75 1.97 -12.69	38.52 1.27 -18.57
KIAC_JFK_AIRPORT 23541	47.33 0.90 -33.15	47.47 0.79 -33.98	47.54 1.41 -20.32	44.27 0.14 -41.90	41.70 -0.36 -47.41	43.38 -0.40 -49.77	42.88 0.26 -38.51	43.26 0.47 -36.33	45.96 0.76 -36.06	44.66 1.59 -25.46	45.71 0.88 -35.35	43.32 1.50 -26.76	45.06 1.38 -30.10	44.33 1.02 -32.50	36.79 1.38 -21.00	36.43 2.28 -9.46	38.66 1.49 -21.84	40.55 1.64 -21.46	40.20 0.90 -29.79	41.70 1.50 -23.81	43.92 2.53 -16.73	42.47 2.75 -10.61	41.14 2.34 -12.70	38.80 1.53 -18.59
KINTIGH____ 23543	16.30 -1.32 -4.35	15.85 -1.31 -4.46	25.98 -2.50 -2.66	7.51 -0.19 -5.47	1.24 0.39 -6.20	0.99 0.45 -6.53	8.89 -0.26 -5.04	10.77 -0.46 -4.76	13.13 -0.74 -4.73	19.47 -1.48 -3.34	13.35 -0.76 -4.64	17.25 -1.32 -3.51	16.36 -1.16 -3.95	14.13 -0.94 -4.26	16.00 -1.15 -2.75	23.42 -2.46 -1.19	16.68 -1.35 -2.69	18.42 -1.67 -2.64	12.49 -0.68 -3.66	17.90 -1.40 -2.93	23.90 -2.81 -2.05	27.07 -3.33 -1.30	24.68 -2.97 -1.56	18.81 -2.15 -2.28
LEDERLE____ 23769	46.19 0.64 -32.28	46.35 0.56 -33.09	46.58 0.98 -19.78	43.08 0.10 -40.75	40.37 -0.27 -45.99	42.00 -0.31 -48.30	41.66 0.20 -37.35	42.07 0.36 -35.26	44.71 0.57 -35.00	43.52 1.20 -24.71	44.48 0.70 -34.31	42.16 1.14 -25.97	43.84 1.05 -29.21	43.13 0.78 -31.54	35.85 1.06 -20.38	35.62 1.70 -9.22	37.79 1.13 -21.33	39.65 1.24 -20.97	39.33 0.71 -29.11	40.80 1.16 -23.26	42.84 1.85 -16.34	41.48 2.01 -10.37	40.19 1.69 -12.41	37.87 1.03 -18.16
LINDEN COGEN____ 23786	47.29 0.87 -33.15	47.44 0.76 -33.98	47.47 1.34 -20.32	44.27 0.14 -41.90	41.70 -0.36 -47.41	43.38 -0.40 -49.77	42.88 0.27 -38.51	43.25 0.46 -36.33	45.92 0.72 -36.06	44.57 1.50 -25.46	45.69 0.87 -35.35	43.23 1.41 -26.76	44.98 1.30 -30.10	44.28 0.97 -32.50	36.73 1.32 -21.00	36.34 2.19 -9.46	38.60 1.43 -21.84	40.48 1.57 -21.46	40.17 0.87 -29.79	41.63 1.44 -23.81	43.78 2.39 -16.73	42.35 2.63 -10.61	41.09 2.30 -12.70	38.76 1.49 -18.59
LIPA_MISC_IPP 23656	47.13 0.70 -33.15	47.32 0.64 -33.98	47.37 1.24 -20.32	44.27 0.13 -41.91	41.73 -0.33 -47.41	43.40 -0.37 -49.76	42.83 0.22 -38.50	43.15 0.36 -36.32	45.79 0.60 -36.06	47.15 1.28 -28.25	51.95 0.76 -41.72	49.65 1.24 -33.36	46.83 1.14 -32.11	44.11 0.80 -32.50	36.45 1.05 -21.00	35.92 1.77 -9.46	40.64 1.16 -24.14	43.47 1.27 -24.76	41.02 0.69 -30.81	41.37 1.17 -23.81	51.84 1.99 -25.20	45.58 2.09 -14.38	43.35 1.84 -15.41	38.47 1.20 -18.59
LITTLE FALLS___HYD 24013	13.69 1.20 0.79	13.10 1.20 0.81	27.64 2.31 0.48	1.47 0.21 0.97	-6.98 -0.53 1.10	-7.78 -0.61 1.18	3.61 0.39 0.89	6.22 0.62 0.86	8.88 0.60 0.85	18.17 1.16 0.60	9.29 0.65 0.84	15.46 1.03 0.63	13.70 0.84 0.71	10.67 0.64 0.77	14.70 0.80 0.50	25.88 1.40 0.21	15.79 0.92 0.47	18.04 1.04 0.45	9.49 0.59 0.62	16.92 1.04 0.50	25.98 1.68 0.35	30.68 1.80 0.22	27.32 1.49 0.27	19.34 1.06 0.39
LONG_LAKE_PHOENIX 24014	15.49 -0.30 -2.51	14.99 -0.29 -2.58	26.81 -0.55 -1.54	5.33 -0.05 -3.16	-1.63 0.14 -3.58	-2.07 0.15 -3.77	6.92 -0.10 -2.91	9.08 -0.14 -2.75	11.68 -0.19 -2.73	19.17 -0.37 -1.93	11.93 -0.22 -2.68	16.73 -0.36 -2.03	15.54 -0.31 -2.28	13.04 -0.23 -2.46	15.69 -0.30 -1.59	24.91 -0.47 -0.69	16.58 -0.31 -1.56	18.63 -0.35 -1.53	11.43 -0.20 -2.12	17.74 -0.34 -1.69	25.32 -0.52 -1.19	29.18 -0.68 -0.75	26.38 -0.62 -0.90	19.58 -0.42 -1.32
LOVETT___3 23632	46.20 0.59 -32.33	46.38 0.53 -33.14	46.56 0.94 -19.82	43.14 0.10 -40.81	40.44 -0.26 -46.05	42.08 -0.30 -48.37	41.70 0.20 -37.40	42.11 0.35 -35.31	44.74 0.55 -35.05	43.51 1.16 -24.74	44.51 0.68 -34.36	42.16 1.10 -26.00	43.84 1.01 -29.26	43.14 0.75 -31.59	35.83 1.02 -20.41	35.56 1.63 -9.23	37.77 1.08 -21.35	39.62 1.18 -20.99	39.33 0.68 -29.14	40.78 1.11 -23.29	42.78 1.77 -16.36	41.40 1.91 -10.38	40.13 1.61 -12.42	37.85 0.99 -18.18
LOVETT___4 23642	46.21 0.59 -32.34	46.38 0.52 -33.15	46.56 0.93 -19.82	43.14 0.10 -40.81	40.46 -0.25 -46.06	42.09 -0.30 -48.38	41.71 0.19 -37.40	42.12 0.34 -35.32	44.74 0.54 -35.05	43.51 1.15 -24.75	44.51 0.67 -34.36	42.16 1.09 -26.01	43.83 1.00 -29.26	43.15 0.75 -31.59	35.83 1.01 -20.41	35.55 1.62 -9.23	37.76 1.07 -21.35	39.61 1.17 -20.99	39.33 0.67 -29.14	40.77 1.10 -23.29	42.76 1.75 -16.36	41.37 1.89 -10.38	40.11 1.59 -12.43	37.84 0.98 -18.19

LOVETT___5 23593	46.22 0.60 -32.34	46.39 0.53 -33.15	46.57 0.94 -19.82	43.14 0.10 -40.81	40.45 -0.26 -46.06	42.09 -0.30 -48.38	41.71 0.20 -37.40	42.12 0.35 -35.32	44.75 0.55 -35.05	43.52 1.16 -24.75	44.51 0.68 -34.36	42.17 1.10 -26.01	43.84 1.01 -29.26	43.15 0.75 -31.59	35.84 1.02 -20.41	35.57 1.64 -9.23	37.77 1.08 -21.35	39.63 1.19 -20.99	39.34 0.68 -29.14	40.78 1.11 -23.29	42.79 1.77 -16.36	41.40 1.92 -10.38	40.13 1.61 -12.43	37.85 0.99 -18.19
LOWER RAQUET___HYD 24057	12.79 -0.43 0.06	12.29 -0.35 0.06	25.19 -0.58 0.04	2.08 -0.08 0.07	-5.20 0.24 0.09	-5.81 0.27 0.09	3.88 -0.17 0.07	6.16 -0.23 0.07	8.73 -0.34 0.07	16.93 -0.63 0.05	9.02 -0.38 0.07	14.43 -0.57 0.05	13.03 -0.49 0.06	10.39 -0.35 0.06	13.88 -0.48 0.04	24.10 -0.58 0.01	14.85 -0.46 0.03	16.97 -0.45 0.03	9.11 -0.37 0.04	15.83 -0.52 0.03	24.01 -0.63 0.02	28.48 -0.61 0.01	25.61 -0.47 0.02	18.41 -0.24 0.02
LOWER___HUDSON 24059	57.26 1.12 -42.86	57.84 1.20 -43.94	54.60 2.51 -26.27	56.57 0.18 -54.17	55.52 -0.39 -61.26	57.88 -0.45 -64.31	54.16 0.30 -49.75	53.87 0.47 -46.95	56.39 0.65 -46.60	51.66 1.15 -32.90	55.73 0.57 -45.68	50.57 0.94 -34.58	53.23 0.76 -38.90	53.49 0.68 -42.00	42.36 0.82 -27.14	38.49 1.83 -11.97	43.69 1.00 -27.36	45.55 1.23 -26.87	47.34 0.52 -37.31	47.24 1.05 -29.81	47.47 1.88 -20.94	44.68 2.29 -13.29	44.11 2.12 -15.90	43.72 1.78 -23.27
MEDINA___POWER 24015	18.74 -0.04 -5.50	18.32 -0.03 -5.64	29.20 0.02 -3.37	9.21 0.04 -6.94	2.39 -0.12 -7.85	2.12 -0.14 -8.25	10.59 0.10 -6.38	12.60 0.12 -6.02	15.31 0.19 -5.98	22.26 0.42 -4.22	15.63 0.30 -5.86	19.89 0.40 -4.43	18.96 0.40 -4.99	16.45 0.26 -5.39	18.26 0.38 -3.48	26.52 0.33 -1.50	19.08 0.34 -3.40	21.06 0.28 -3.33	14.46 0.32 -4.63	20.53 0.45 -3.70	27.59 0.33 -2.60	30.87 0.12 -1.65	28.09 0.02 -1.97	21.46 -0.10 -2.89
MILLIKEN___1 23584	18.72 -0.04 -5.48	18.10 -0.22 -5.61	28.46 -0.71 -3.36	9.13 -0.01 -6.91	2.48 0.01 -7.82	2.21 -0.02 -8.22	10.47 0.01 -6.35	12.50 0.05 -6.00	15.20 0.11 -5.95	21.83 0.01 -4.20	15.35 0.04 -5.84	19.38 -0.10 -4.42	18.45 -0.09 -4.97	16.14 -0.03 -5.37	17.83 -0.04 -3.47	25.91 -0.28 -1.50	18.57 -0.16 -3.39	20.58 -0.19 -3.32	14.16 0.04 -4.61	20.01 -0.05 -3.68	27.27 0.03 -2.59	30.70 -0.04 -1.64	27.81 -0.25 -1.97	21.21 -0.34 -2.87
MILLIKEN___2 23585	18.66 -0.10 -5.48	18.02 -0.30 -5.61	28.29 -0.88 -3.36	9.12 -0.02 -6.91	2.50 0.03 -7.82	2.23 0.00 -8.22	10.46 -0.01 -6.35	12.48 0.02 -6.00	15.17 0.07 -5.95	21.73 -0.08 -4.20	15.30 -0.01 -5.84	19.28 -0.19 -4.42	18.37 -0.18 -4.97	16.07 -0.10 -5.37	17.75 -0.12 -3.47	25.75 -0.44 -1.50	18.48 -0.25 -3.39	20.47 -0.30 -3.32	14.11 -0.01 -4.61	19.92 -0.15 -3.68	27.11 -0.13 -2.59	30.51 -0.23 -1.64	27.64 -0.42 -1.97	21.08 -0.46 -2.87
MILLIKEN___DIESEL 23629	18.66 -0.10 -5.48	18.02 -0.30 -5.61	28.29 -0.88 -3.36	9.12 -0.02 -6.91	2.50 0.03 -7.82	2.23 0.00 -8.22	10.46 -0.01 -6.35	12.48 0.02 -6.00	15.17 0.07 -5.95	21.73 -0.08 -4.20	15.30 -0.01 -5.84	19.28 -0.19 -4.42	18.37 -0.18 -4.97	16.07 -0.10 -5.37	17.75 -0.12 -3.47	25.75 -0.44 -1.50	18.48 -0.25 -3.39	20.47 -0.30 -3.32	14.11 -0.01 -4.61	19.92 -0.15 -3.68	27.11 -0.13 -2.59	30.51 -0.23 -1.64	27.64 -0.42 -1.97	21.08 -0.46 -2.87
MONGAUP___HYD 23641	45.91 0.45 -32.18	46.08 0.39 -32.99	46.20 0.66 -19.73	42.95 0.08 -40.64	40.33 -0.21 -45.89	41.96 -0.24 -48.18	41.53 0.15 -37.26	41.90 0.27 -35.17	44.48 0.42 -34.91	43.15 0.89 -24.65	44.22 0.52 -34.23	41.80 0.83 -25.91	43.48 0.77 -29.14	42.84 0.56 -31.47	35.50 0.77 -20.33	35.10 1.20 -9.20	37.44 0.82 -21.28	39.29 0.89 -20.94	39.12 0.52 -29.08	40.46 0.84 -23.24	42.29 1.31 -16.33	40.86 1.40 -10.36	39.69 1.20 -12.40	37.56 0.74 -18.15
MONTAUK___DIESEL 23721	47.13 0.70 -33.15	47.32 0.64 -33.98	47.37 1.24 -20.32	44.27 0.13 -41.91	41.73 -0.33 -47.41	43.40 -0.37 -49.76	42.83 0.22 -38.50	43.15 0.36 -36.32	45.79 0.60 -36.06	47.15 1.28 -28.25	51.95 0.76 -41.72	49.65 1.24 -33.36	46.83 1.14 -32.11	44.11 0.80 -32.50	36.45 1.05 -21.00	35.92 1.77 -9.46	40.64 1.16 -24.14	43.47 1.27 -24.76	41.02 0.69 -30.81	41.37 1.17 -23.81	51.84 1.99 -25.20	45.58 2.09 -14.38	43.35 1.84 -15.41	38.47 1.20 -18.59
N SALMON___HYD 24042	12.99 -0.23 0.06	12.45 -0.19 0.06	25.50 -0.27 0.04	2.11 -0.05 0.07	-5.28 0.15 0.09	-5.93 0.16 0.09	3.95 -0.09 0.07	6.27 -0.12 0.07	8.91 -0.17 0.07	17.24 -0.32 0.05	9.18 -0.22 0.07	14.67 -0.34 0.05	13.26 -0.26 0.06	10.60 -0.15 0.06	14.13 -0.23 0.04	24.47 -0.20 0.01	15.12 -0.19 0.03	17.22 -0.20 0.03	9.28 -0.19 0.04	16.09 -0.27 0.03	24.31 -0.33 0.02	28.62 -0.46 0.01	25.70 -0.38 0.02	18.48 -0.17 0.02
N.E_GEN_SANDY PD 24062	53.14 0.63 -39.23	53.56 0.64 -40.21	51.16 1.30 -24.05	51.87 0.10 -49.54	50.50 -0.21 -56.06	44.07 -0.24 -50.30	49.78 0.15 -45.52	50.91 0.25 -44.20	52.17 0.37 -42.65	48.39 0.66 -30.11	51.61 0.33 -41.82	47.25 0.54 -31.65	49.62 0.44 -35.61	49.63 0.38 -38.44	39.69 0.45 -24.84	39.08 1.01 -13.37	41.91 0.56 -26.01	42.91 0.69 -24.77	44.20 0.29 -34.40	44.46 0.59 -27.49	45.05 1.09 -19.31	42.63 1.28 -12.25	41.95 1.19 -14.67	42.78 1.02 -23.09
NARROWS_GT1_1 24228	47.50 1.07 -33.15	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.23 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NARROWS_GT1_2 24229	47.50 1.07 -33.15	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.23 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NARROWS_GT1_3 24230	47.50 1.07 -33.15	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.23 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NARROWS_GT1_4 24231	47.50 1.07 -33.15	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.23 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NARROWS_GT1_5 24232	47.50 1.07 -33.15	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.23 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59

NARROWS_GT1_6 24233	47.50 1.07 -33.15	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.23 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NARROWS_GT1_7 24234	47.50 1.07 -33.15	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.23 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NARROWS_GT1_8 24235	47.50 1.07 -33.15	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.23 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NARROWS_GT1_GRP 23726	47.50 1.07 -33.15	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.23 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NARROWS_GT2_1 24236	47.50 1.07 -33.15	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.23 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NARROWS_GT2_2 24237	47.50 1.07 -33.15	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.23 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NARROWS_GT2_3 24238	47.50 1.07 -33.15	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.23 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NARROWS_GT2_4 24239	47.50 1.07 -33.15	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.23 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NARROWS_GT2_5 24240	47.50 1.07 -33.15	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.23 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NARROWS_GT2_6 24241	47.50 1.07 -33.15	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.23 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NARROWS_GT2_7 24242	47.50 1.07 -33.15	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.23 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NARROWS_GT2_8 24243	47.50 1.07 -33.15	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.23 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NARROWS_GT2_GRP 23741	47.50 1.07 -33.15	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.23 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NEG CAPITAL___MECHNVIL 23645	57.38 1.12 -42.98	57.95 1.20 -44.05	54.67 2.51 -26.34	56.70 0.18 -54.29	55.67 -0.39 -61.41	58.04 -0.45 -64.48	54.28 0.30 -49.87	54.00 0.47 -47.07	56.51 0.65 -46.72	51.75 1.15 -32.98	55.84 0.57 -45.80	50.66 0.94 -34.67	53.33 0.76 -39.00	53.59 0.68 -42.11	42.43 0.82 -27.21	38.52 1.83 -12.00	43.76 1.00 -27.43	45.61 1.23 -26.93	47.42 0.52 -37.39	47.31 1.05 -29.88	47.52 1.88 -20.99	44.71 2.29 -13.32	44.15 2.12 -15.94	43.78 1.78 -23.33
NEG CENTRAL_HIGH_ACRES 23767	15.95 -1.17 -3.84	15.45 -1.19 -3.93	25.51 -2.65 -2.35	6.83 -0.21 -4.82	0.55 0.44 -5.46	0.22 0.45 -5.75	8.25 -0.30 -4.43	10.15 -0.51 -4.20	12.57 -0.74 -4.17	19.11 -1.45 -2.94	12.79 -0.77 -4.09	16.85 -1.30 -3.09	15.90 -1.15 -3.48	13.69 -0.87 -3.76	15.70 -1.13 -2.43	23.42 -2.32 -1.05	16.37 -1.34 -2.37	18.20 -1.58 -2.33	12.00 -0.73 -3.22	17.55 -1.41 -2.58	24.25 -2.22 -1.81	27.55 -2.70 -1.15	24.78 -2.69 -1.38	18.53 -2.16 -2.02
NEG CENTRAL___INDECK 23768	17.67 -1.21 -5.60	17.34 -1.10 -5.74	27.07 -2.17 -3.43	9.11 -0.17 -7.05	2.99 0.35 -7.99	2.82 0.41 -8.41	10.35 -0.25 -6.49	12.21 -0.38 -6.14	14.66 -0.57 -6.09	20.79 -1.13 -4.30	14.86 -0.59 -5.97	18.57 -1.01 -4.52	17.76 -0.89 -5.09	15.56 -0.73 -5.49	17.03 -0.91 -3.55	24.30 -1.92 -1.53	17.73 -1.08 -3.47	19.54 -1.30 -3.39	13.67 -0.55 -4.71	19.05 -1.10 -3.77	25.20 -2.10 -2.64	28.31 -2.47 -1.68	25.81 -2.29 -2.01	19.88 -1.73 -2.94

NEG CENTRAL___SENECA 23627	13.28 0.00 0.00	12.70 0.00 0.00	25.81 0.00 0.00	2.23 0.00 0.00	-5.35 0.00 0.00	-5.99 0.00 0.00	4.11 0.00 0.00	6.46 0.00 0.00	9.14 0.00 0.00	17.61 0.00 0.00	9.47 0.00 0.00	15.06 0.00 0.00	13.57 0.00 0.00	10.81 0.00 0.00	14.40 0.00 0.00	24.69 0.00 0.00	15.34 0.00 0.00	17.45 0.00 0.00	9.51 0.00 0.00	16.38 0.00 0.00	24.66 0.00 0.00	29.10 0.00 0.00	26.09 0.00 0.00	18.67 0.00 0.00
NEG CENTRAL___STATE_STREET 24147	17.29 -0.01 -4.02	16.73 -0.09 -4.12	27.81 -0.47 -2.46	7.31 -0.02 -5.11	0.44 0.03 -5.76	0.03 0.00 -6.03	8.79 -0.01 -4.68	10.87 0.01 -4.40	13.57 0.06 -4.37	20.76 0.06 -3.08	13.80 0.04 -4.28	18.28 -0.02 -3.24	17.21 -0.01 -3.65	14.78 0.03 -3.94	16.98 0.04 -2.54	25.71 -0.08 -1.10	17.79 -0.04 -2.49	19.85 -0.03 -2.43	12.96 0.04 -3.40	19.09 0.00 -2.70	26.84 0.29 -1.90	30.53 0.22 -1.20	27.48 -0.05 -1.44	20.57 -0.22 -2.11
NEG NORTH_FLCN_SEA 23793	13.63 0.78 0.43	12.90 0.63 0.44	26.66 1.11 0.26	1.78 0.12 0.56	-6.28 -0.30 0.63	-6.98 -0.35 0.64	3.83 0.23 0.51	6.41 0.41 0.47	9.33 0.66 0.46	18.52 1.23 0.33	9.71 0.69 0.45	15.77 1.05 0.34	14.13 0.94 0.39	11.13 0.74 0.42	15.09 0.96 0.27	26.14 1.56 0.11	16.09 1.00 0.26	18.33 1.14 0.25	9.84 0.68 0.36	17.26 1.15 0.28	26.33 1.87 0.20	31.16 2.18 0.12	27.70 1.76 0.15	19.57 1.11 0.22
NEG NORTH_KES_CHATEGAY 23792	12.58 -0.27 0.43	12.03 -0.24 0.44	25.11 -0.44 0.26	1.61 -0.05 0.56	-5.86 0.12 0.63	-6.49 0.14 0.64	3.51 -0.09 0.51	5.84 -0.15 0.47	8.46 -0.22 0.46	16.86 -0.43 0.33	8.80 -0.22 0.45	14.39 -0.32 0.34	12.88 -0.30 0.39	10.16 -0.23 0.42	13.80 -0.33 0.27	24.11 -0.47 0.11	14.76 -0.33 0.26	16.85 -0.35 0.25	8.93 -0.23 0.36	15.77 -0.34 0.28	24.02 -0.44 0.20	28.68 -0.30 0.12	25.72 -0.23 0.15	18.30 -0.16 0.22
NEG NORTH___ALICE_FALLS 23915	12.61 -0.25 0.43	12.06 -0.20 0.44	25.20 -0.35 0.26	1.61 -0.05 0.56	-5.86 0.12 0.63	-6.50 0.13 0.64	3.51 -0.09 0.51	5.85 -0.14 0.47	8.48 -0.20 0.46	16.88 -0.41 0.33	8.82 -0.20 0.45	14.44 -0.27 0.34	12.91 -0.28 0.39	10.19 -0.20 0.42	13.81 -0.31 0.27	24.24 -0.34 0.11	14.80 -0.28 0.26	16.92 -0.28 0.25	8.93 -0.22 0.36	15.84 -0.27 0.28	24.18 -0.28 0.20	28.89 -0.09 0.12	25.92 -0.03 0.15	18.46 0.00 0.22
NEG NORTH___LWR_SARANAC 23913	12.61 -0.25 0.43	12.06 -0.20 0.44	25.20 -0.35 0.26	1.61 -0.05 0.56	-5.86 0.12 0.63	-6.50 0.13 0.64	3.51 -0.09 0.51	5.85 -0.14 0.47	8.48 -0.20 0.46	16.88 -0.41 0.33	8.82 -0.20 0.45	14.44 -0.27 0.34	12.91 -0.28 0.39	10.19 -0.20 0.42	13.81 -0.31 0.27	24.24 -0.34 0.11	14.80 -0.28 0.26	16.92 -0.28 0.25	8.93 -0.22 0.36	15.84 -0.27 0.28	24.18 -0.28 0.20	28.89 -0.09 0.12	25.92 -0.03 0.15	18.46 0.00 0.22
NEG NORTH___PLATTSBURG 23628	12.49 -0.36 0.43	11.94 -0.33 0.44	24.92 -0.63 0.26	1.59 -0.07 0.56	-5.82 0.16 0.63	-6.45 0.18 0.64	3.48 -0.12 0.51	5.79 -0.20 0.47	8.39 -0.28 0.46	16.71 -0.58 0.33	8.74 -0.28 0.45	14.31 -0.40 0.34	12.78 -0.40 0.39	10.08 -0.31 0.42	13.68 -0.45 0.27	23.95 -0.63 0.11	14.64 -0.44 0.26	16.72 -0.47 0.25	8.85 -0.31 0.36	15.67 -0.44 0.28	23.91 -0.55 0.20	28.60 -0.38 0.12	25.64 -0.30 0.15	18.25 -0.21 0.22
NEG WEST_LEA_LOCKPORT 23791	16.73 -1.45 -4.90	16.29 -1.44 -5.02	26.07 -2.75 -3.00	8.19 -0.22 -6.18	2.08 0.44 -6.99	1.87 0.51 -7.35	9.48 -0.31 -5.68	11.31 -0.51 -5.36	13.64 -0.82 -5.32	19.72 -1.65 -3.76	13.84 -0.86 -5.22	17.54 -1.47 -3.95	16.72 -1.30 -4.45	14.56 -1.05 -4.80	16.21 -1.29 -3.10	23.32 -2.71 -1.34	16.88 -1.50 -3.03	18.58 -1.83 -2.97	12.87 -0.76 -4.12	18.12 -1.56 -3.29	23.89 -3.07 -2.31	26.93 -3.64 -1.47	24.58 -3.27 -1.76	18.87 -2.37 -2.57
NEG WEST___LANCASTR 23811	17.74 -1.29 -5.75	17.34 -1.26 -5.89	26.88 -2.46 -3.52	9.26 -0.19 -7.22	3.22 0.39 -8.18	3.08 0.45 -8.62	10.47 -0.28 -6.64	12.31 -0.45 -6.29	14.69 -0.70 -6.25	20.67 -1.36 -4.41	14.90 -0.70 -6.12	18.49 -1.21 -4.64	17.73 -1.06 -5.22	15.55 -0.89 -5.63	16.94 -1.10 -3.64	24.00 -2.27 -1.57	17.63 -1.27 -3.56	19.39 -1.54 -3.48	13.69 -0.65 -4.82	18.99 -1.25 -3.86	24.91 -2.46 -2.71	27.85 -2.97 -1.72	25.52 -2.64 -2.06	19.70 -1.99 -3.02
NEG_PENN_ALLEGHNY 23528	23.99 0.02 -10.69	23.65 -0.02 -10.96	32.30 -0.07 -6.55	15.77 0.01 -13.54	9.92 -0.03 -15.30	10.02 -0.03 -16.04	16.55 0.02 -12.42	18.23 0.06 -11.71	20.87 0.11 -11.62	26.05 0.23 -8.20	21.02 0.15 -11.39	23.91 0.23 -8.62	23.49 0.22 -9.70	21.42 0.14 -10.47	21.37 0.20 -6.77	27.86 0.25 -2.92	22.15 0.20 -6.61	24.12 0.20 -6.47	18.64 0.15 -8.97	23.81 0.25 -7.18	29.98 0.28 -5.04	32.53 0.23 -3.20	30.10 0.18 -3.83	24.30 0.02 -5.60
NEPA___ENERGY 23901	18.55 -0.98 -6.24	18.17 -0.93 -6.40	27.77 -1.87 -3.83	9.97 -0.12 -7.86	3.81 0.26 -8.90	3.66 0.28 -9.37	11.16 -0.18 -7.23	12.99 -0.31 -6.84	15.48 -0.45 -6.79	21.53 -0.87 -4.79	15.72 -0.40 -6.65	19.38 -0.72 -5.04	18.63 -0.61 -5.67	16.39 -0.53 -6.12	17.69 -0.66 -3.95	24.90 -1.50 -1.71	18.40 -0.80 -3.86	20.21 -1.02 -3.78	14.39 -0.37 -5.25	19.82 -0.76 -4.19	25.98 -1.62 -2.95	28.78 -2.19 -1.87	26.33 -2.00 -2.24	20.43 -1.52 -3.28
NEVERSINK___HYD 23608	40.05 -0.34 -27.11	40.17 -0.33 -27.79	41.81 -0.62 -16.62	36.44 -0.05 -34.27	33.49 0.10 -38.74	34.79 0.12 -40.66	35.48 -0.09 -31.46	35.95 -0.19 -29.68	38.30 -0.30 -29.46	37.82 -0.59 -20.80	38.05 -0.30 -28.88	36.46 -0.46 -21.86	37.74 -0.42 -24.59	37.03 -0.33 -26.55	31.15 -0.41 -17.16	31.60 -0.77 -7.68	32.79 -0.22 -17.67	39.25 -0.23 -22.03	40.07 -0.10 -30.66	40.67 -0.22 -24.50	41.71 -0.16 -17.21	39.67 -0.35 -10.92	38.65 -0.51 -13.07	38.16 0.35 -19.13
NIAGARA___ 23760	16.78 -1.40 -4.91	16.32 -1.41 -5.03	26.06 -2.76 -3.01	8.20 -0.22 -6.19	2.09 0.44 -7.00	1.88 0.50 -7.36	9.51 -0.29 -5.69	11.33 -0.50 -5.37	13.65 -0.82 -5.33	19.71 -1.67 -3.77	13.84 -0.86 -5.23	17.55 -1.46 -3.96	16.74 -1.29 -4.45	14.59 -1.03 -4.81	16.25 -1.26 -3.11	23.35 -2.68 -1.34	16.89 -1.48 -3.04	18.62 -1.80 -2.97	12.89 -0.75 -4.13	18.11 -1.57 -3.30	23.92 -3.05 -2.32	27.02 -3.55 -1.47	24.67 -3.19 -1.76	18.91 -2.34 -2.57
NINE_MILE_1 23575	14.84 -0.48 -2.04	14.32 -0.47 -2.09	26.10 -0.96 -1.25	4.69 -0.08 -2.55	-2.26 0.19 -2.90	-2.72 0.21 -3.06	6.32 -0.14 -2.35	8.47 -0.23 -2.24	11.04 -0.32 -2.22	18.55 -0.63 -1.57	11.31 -0.34 -2.18	16.15 -0.55 -1.65	14.93 -0.49 -1.85	12.42 -0.39 -2.00	15.18 -0.51 -1.29	24.33 -0.92 -0.56	16.04 -0.56 -1.26	18.04 -0.64 -1.24	10.89 -0.33 -1.71	17.17 -0.59 -1.37	24.68 -0.94 -0.96	28.59 -1.13 -0.61	25.80 -1.02 -0.73	19.00 -0.74 -1.07
NINE_MILE_2 23744	14.81 -0.50 -2.03	14.29 -0.49 -2.08	26.05 -1.00 -1.24	4.67 -0.08 -2.53	-2.28 0.20 -2.87	-2.73 0.22 -3.04	6.29 -0.15 -2.33	8.44 -0.23 -2.22	11.01 -0.34 -2.20	18.51 -0.66 -1.55	11.28 -0.36 -2.16	16.11 -0.58 -1.63	14.89 -0.52 -1.84	12.38 -0.41 -1.99	15.15 -0.54 -1.28	24.28 -0.96 -0.55	16.01 -0.59 -1.26	18.00 -0.68 -1.23	10.86 -0.35 -1.70	17.13 -0.62 -1.36	24.63 -0.99 -0.96	28.53 -1.18 -0.61	25.75 -1.07 -0.73	18.96 -0.78 -1.07
NM CAPITAL___NUG 23643	57.26 1.12 -42.86	57.84 1.20 -43.94	54.60 2.51 -26.27	56.57 0.18 -54.17	55.52 -0.39 -61.26	57.88 -0.45 -64.31	54.16 0.30 -49.75	53.87 0.47 -46.95	56.39 0.65 -46.60	51.66 1.15 -32.90	55.73 0.57 -45.68	50.57 0.94 -34.58	53.23 0.76 -38.90	53.49 0.68 -42.00	42.36 0.82 -27.14	38.49 1.83 -11.97	43.69 1.00 -27.36	45.55 1.23 -26.87	47.34 0.52 -37.31	47.24 1.05 -29.81	47.47 1.88 -20.94	44.68 2.29 -13.29	44.11 2.12 -15.90	43.72 1.78 -23.27

NM CENTRAL___NUG 23634	15.20 -0.23 -2.15	14.72 -0.19 -2.21	26.86 -0.27 -1.32	4.94 -0.05 -2.76	-2.09 0.15 -3.10	-2.60 0.16 -3.23	6.54 -0.09 -2.52	8.70 -0.12 -2.36	11.32 -0.17 -2.34	18.94 -0.32 -1.65	11.55 -0.22 -2.29	16.46 -0.34 -1.74	15.27 -0.26 -1.95	12.77 -0.15 -2.11	15.54 -0.23 -1.36	25.08 -0.20 -0.59	16.48 -0.19 -1.34	18.55 -0.20 -1.31	11.16 -0.19 -1.84	17.57 -0.27 -1.45	25.35 -0.33 -1.02	29.29 -0.46 -0.65	26.49 -0.38 -0.78	19.64 -0.17 -1.13
NM MOHAWK___NUG 23633	12.61 0.12 0.79	12.01 0.11 0.81	25.54 0.22 0.48	1.28 0.02 0.97	-6.50 -0.05 1.10	-7.23 -0.06 1.18	3.26 0.04 0.89	5.66 0.06 0.86	8.37 0.08 0.85	17.16 0.15 0.60	8.72 0.08 0.84	14.56 0.14 0.63	12.97 0.11 0.71	10.12 0.09 0.77	14.01 0.11 0.50	24.67 0.19 0.21	15.00 0.13 0.47	17.14 0.14 0.45	8.97 0.08 0.62	16.02 0.13 0.50	24.51 0.21 0.35	29.10 0.22 0.22	26.02 0.19 0.27	18.42 0.14 0.39
NM NORTH___NUG 24055	12.78 -0.16 0.34	12.23 -0.13 0.35	25.43 -0.17 0.21	1.73 -0.03 0.47	-5.78 0.09 0.51	-6.40 0.10 0.51	3.64 -0.06 0.42	5.99 -0.09 0.37	8.63 -0.14 0.37	17.09 -0.26 0.26	8.96 -0.15 0.36	14.55 -0.23 0.27	13.07 -0.19 0.31	10.34 -0.13 0.33	14.00 -0.18 0.21	24.38 -0.23 0.09	14.95 -0.18 0.20	17.07 -0.19 0.19	9.08 -0.15 0.29	15.96 -0.21 0.22	24.24 -0.26 0.15	28.86 -0.15 0.10	25.90 -0.08 0.11	18.47 -0.03 0.17
NM WEST___NUG 23774	16.92 -1.34 -4.98	16.46 -1.35 -5.10	26.22 -2.64 -3.05	8.29 -0.21 -6.27	2.16 0.41 -7.10	1.96 0.48 -7.47	9.60 -0.28 -5.77	11.44 -0.47 -5.45	13.78 -0.78 -5.41	19.86 -1.58 -3.82	13.97 -0.81 -5.31	17.69 -1.38 -4.02	16.88 -1.22 -4.52	14.71 -0.97 -4.88	16.36 -1.19 -3.15	23.50 -2.55 -1.36	17.02 -1.40 -3.08	18.75 -1.71 -3.02	13.00 -0.70 -4.19	18.25 -1.48 -3.35	24.10 -2.91 -2.35	27.22 -3.37 -1.49	24.84 -3.04 -1.79	19.05 -2.24 -2.61
NM_ST_REGIS___HYD 24053	12.87 -0.35 0.06	12.36 -0.28 0.06	25.32 -0.46 0.04	2.09 -0.07 0.07	-5.24 0.19 0.09	-5.86 0.22 0.09	3.91 -0.14 0.07	6.20 -0.19 0.07	8.79 -0.28 0.07	17.04 -0.53 0.05	9.09 -0.31 0.07	14.54 -0.46 0.05	13.12 -0.40 0.06	10.46 -0.29 0.06	13.97 -0.39 0.04	24.22 -0.46 0.01	14.94 -0.37 0.03	17.06 -0.36 0.03	9.17 -0.30 0.04	15.93 -0.42 0.03	24.15 -0.49 0.02	28.67 -0.42 0.01	25.77 -0.31 0.02	18.51 -0.14 0.02
NORTHPORT___1 23551	47.08 0.65 -33.15	47.27 0.59 -33.98	47.30 1.17 -20.32	44.26 0.13 -41.91	41.73 -0.32 -47.41	43.41 -0.37 -49.76	42.83 0.21 -38.50	43.14 0.36 -36.32	45.78 0.58 -36.06	47.10 1.23 -28.25	51.91 0.72 -41.72	49.59 1.17 -33.36	46.76 1.08 -32.11	44.09 0.78 -32.50	36.45 1.05 -21.00	35.90 1.75 -9.46	40.63 1.15 -24.14	43.46 1.26 -24.76	41.02 0.70 -30.81	41.38 1.18 -23.81	51.80 1.95 -25.20	45.54 2.06 -14.38	43.28 1.77 -15.41	38.43 1.16 -18.59
NORTHPORT___2 23552	47.02 0.59 -33.15	47.22 0.53 -33.98	47.24 1.11 -20.32	44.26 0.12 -41.91	41.74 -0.32 -47.41	43.42 -0.36 -49.76	42.82 0.20 -38.50	43.12 0.33 -36.32	45.73 0.54 -36.06	47.02 1.15 -28.25	51.87 0.68 -41.72	49.52 1.10 -33.36	46.70 1.01 -32.11	44.04 0.73 -32.50	36.38 0.98 -21.00	35.79 1.64 -9.46	40.56 1.08 -24.14	43.38 1.18 -24.76	40.98 0.65 -30.81	41.31 1.12 -23.81	51.69 1.84 -25.20	45.41 1.92 -14.38	43.17 1.66 -15.41	38.36 1.09 -18.59
NORTHPORT___3 23553	47.00 0.57 -33.15	47.15 0.47 -33.98	46.95 0.82 -20.32	44.23 0.10 -41.91	41.81 -0.25 -47.41	43.50 -0.28 -49.76	42.78 0.17 -38.50	43.09 0.31 -36.32	45.73 0.53 -36.06	46.94 1.07 -28.25	51.81 0.62 -41.72	49.43 1.01 -33.36	46.62 0.94 -32.11	43.99 0.69 -32.50	36.33 0.93 -21.00	35.68 1.53 -9.46	40.50 1.03 -24.14	43.33 1.12 -24.76	40.96 0.63 -30.81	41.23 1.04 -23.81	51.56 1.71 -25.20	45.29 1.80 -14.38	43.04 1.54 -15.41	38.25 0.99 -18.59
NORTHPORT___4 23650	47.01 0.59 -33.15	47.17 0.49 -33.98	46.99 0.86 -20.32	44.23 0.10 -41.91	41.80 -0.26 -47.41	43.49 -0.29 -49.76	42.78 0.17 -38.50	43.10 0.32 -36.32	45.74 0.54 -36.06	46.96 1.10 -28.25	51.82 0.63 -41.72	49.44 1.03 -33.36	46.63 0.95 -32.11	44.00 0.70 -32.50	36.35 0.95 -21.00	35.71 1.56 -9.46	40.52 1.05 -24.14	43.35 1.15 -24.76	40.97 0.65 -30.81	41.26 1.06 -23.81	51.59 1.73 -25.20	45.32 1.83 -14.38	43.07 1.56 -15.41	38.28 1.01 -18.59
NORTHPORT___IC 23718	47.01 0.59 -33.15	47.17 0.49 -33.98	46.99 0.86 -20.32	44.23 0.10 -41.91	41.80 -0.26 -47.41	43.49 -0.29 -49.76	42.78 0.17 -38.50	43.10 0.32 -36.32	45.74 0.54 -36.06	46.96 1.10 -28.25	51.82 0.63 -41.72	49.44 1.03 -33.36	46.63 0.95 -32.11	44.00 0.70 -32.50	36.35 0.95 -21.00	35.71 1.56 -9.46	40.52 1.05 -24.14	43.35 1.15 -24.76	40.97 0.65 -30.81	41.26 1.06 -23.81	51.59 1.73 -25.20	45.32 1.83 -14.38	43.07 1.56 -15.41	38.28 1.01 -18.59
NSINS_S_GLNS_FALLS 23858	58.18 1.35 -43.55	58.73 1.38 -44.64	55.41 2.91 -26.69	57.47 0.22 -55.02	56.40 -0.49 -62.24	58.79 -0.57 -65.35	55.04 0.38 -50.55	54.74 0.58 -47.70	57.25 0.76 -47.35	52.28 1.24 -33.43	56.42 0.53 -46.42	50.94 0.75 -35.13	53.52 0.42 -39.52	54.03 0.55 -42.67	42.54 0.56 -27.58	38.31 1.45 -12.16	43.87 0.75 -27.78	45.69 0.97 -27.27	47.76 0.38 -37.87	47.54 0.90 -30.26	47.74 1.82 -21.26	44.87 2.28 -13.49	44.33 2.09 -16.14	44.32 2.01 -23.63
NYISO_LBMP_REFERENCE 24008	13.28 0.00 0.00	12.70 0.00 0.00	25.81 0.00 0.00	2.23 0.00 0.00	-5.35 0.00 0.00	-5.99 0.00 0.00	4.11 0.00 0.00	6.46 0.00 0.00	9.14 0.00 0.00	17.61 0.00 0.00	9.47 0.00 0.00	15.06 0.00 0.00	13.57 0.00 0.00	10.81 0.00 0.00	14.40 0.00 0.00	24.69 0.00 0.00	15.34 0.00 0.00	17.45 0.00 0.00	9.51 0.00 0.00	16.38 0.00 0.00	24.66 0.00 0.00	29.10 0.00 0.00	26.09 0.00 0.00	18.67 0.00 0.00
NYPA_BRENTWD___GT 24164	47.19 0.80 -31.10	47.30 0.62 -33.98	47.34 1.21 -20.32	44.27 0.13 -41.91	41.73 -0.33 -47.41	43.40 -0.37 -49.76	42.83 0.22 -38.50	43.16 0.37 -36.32	45.80 0.60 -36.06	47.14 1.28 -28.25	51.94 0.75 -41.72	49.63 1.21 -33.36	46.80 1.11 -32.11	44.12 0.81 -32.50	36.49 1.09 -21.00	35.97 1.82 -9.46	40.67 1.19 -24.14	43.51 1.31 -24.76	41.05 0.72 -30.81	41.42 1.22 -23.81	51.87 2.01 -25.20	45.62 2.14 -14.38	43.35 1.84 -15.41	38.47 1.20 -18.59
NYPA_GOWANUS___GT1 24156	47.63 1.24 -31.10	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.24 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NYPA_GOWANUS___GT2 24157	47.63 1.24 -31.10	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.80 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.70 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.24 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NYPA_HARLEM__RVR__GT1 24160	47.83 1.45 -31.10	47.77 1.09 -33.98	48.06 1.93 -20.32	44.32 0.19 -41.90	41.59 -0.48 -47.42	43.25 -0.54 -49.77	42.97 0.35 -38.51	43.41 0.62 -36.33	46.18 0.98 -36.07	45.12 2.04 -25.46	46.01 1.19 -35.36	43.74 1.92 -26.76	45.44 1.76 -30.11	44.65 1.34 -32.50	37.21 1.80 -21.00	37.14 2.98 -9.46	39.09 1.91 -21.84	41.04 2.13 -21.46	40.47 1.17 -29.79	42.15 1.95 -23.81	44.61 3.22 -16.73	43.29 3.57 -10.61	41.88 3.08 -12.70	39.29 2.02 -18.59

NYPA_HARLEM__RVR_GT2 24161	47.83 1.45 -31.10	47.77 1.09 -33.98	48.06 1.93 -20.32	44.32 0.19 -41.90	41.59 -0.48 -47.42	43.25 -0.54 -49.77	42.97 0.35 -38.51	43.41 0.62 -36.33	46.18 0.98 -36.07	45.12 2.04 -25.46	46.01 1.19 -35.36	43.74 1.92 -26.76	45.44 1.76 -30.11	44.65 1.34 -32.50	37.21 1.80 -21.00	37.14 2.98 -9.46	39.09 1.91 -21.84	41.04 2.13 -21.46	40.47 1.17 -29.79	42.15 1.95 -23.81	44.61 3.22 -16.73	43.29 3.57 -10.61	41.88 3.08 -12.70	39.29 2.02 -18.59
NYPA_KENT____GT 24152	47.63 1.24 -31.10	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.81 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.24 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59
NYPA_POUCH1____GT 24155	47.51 1.13 -31.10	47.53 0.85 -33.98	47.64 1.51 -20.32	44.29 0.16 -41.90	41.66 -0.41 -47.42	43.33 -0.45 -49.77	42.92 0.30 -38.51	43.31 0.52 -36.33	46.01 0.81 -36.07	44.75 1.68 -25.46	45.79 0.96 -35.36	43.39 1.58 -26.76	45.13 1.45 -30.11	44.40 1.09 -32.50	36.89 1.48 -21.00	36.63 2.48 -9.46	38.78 1.61 -21.84	40.69 1.78 -21.46	40.28 0.98 -29.79	41.81 1.62 -23.81	44.05 2.67 -16.73	42.63 2.92 -10.61	41.34 2.54 -12.70	38.93 1.66 -18.59
NYPA_VERNON____GT1 24162	47.58 1.19 -31.10	47.59 0.90 -33.98	47.72 1.59 -20.32	44.29 0.17 -41.90	41.65 -0.41 -47.42	43.32 -0.46 -49.77	42.93 0.31 -38.51	43.32 0.53 -36.33	46.04 0.84 -36.07	44.83 1.75 -25.46	45.84 1.02 -35.36	43.46 1.65 -26.76	45.19 1.51 -30.11	44.44 1.13 -32.50	36.94 1.54 -21.00	36.69 2.54 -9.46	38.81 1.64 -21.84	40.72 1.81 -21.46	40.30 1.00 -29.79	41.86 1.66 -23.81	44.12 2.73 -16.73	42.69 2.97 -10.61	41.37 2.57 -12.70	38.97 1.70 -18.59
NYPA_VERNON____GT2 24163	47.58 1.19 -31.10	47.59 0.90 -33.98	47.72 1.59 -20.32	44.29 0.17 -41.90	41.65 -0.41 -47.42	43.32 -0.46 -49.77	42.93 0.31 -38.51	43.32 0.53 -36.33	46.04 0.84 -36.07	44.83 1.75 -25.46	45.84 1.02 -35.36	43.46 1.65 -26.76	45.19 1.51 -30.11	44.44 1.13 -32.50	36.94 1.54 -21.00	36.69 2.54 -9.46	38.81 1.64 -21.84	40.72 1.81 -21.46	40.30 1.00 -29.79	41.86 1.66 -23.81	44.12 2.73 -16.73	42.69 2.97 -10.61	41.37 2.57 -12.70	38.97 1.70 -18.59
NYPA__HOLTSVILL 23794	47.14 0.72 -33.15	47.33 0.65 -33.98	47.40 1.27 -20.32	44.27 0.14 -41.91	41.71 -0.34 -47.41	43.39 -0.38 -49.76	42.84 0.22 -38.50	43.16 0.37 -36.32	45.80 0.60 -36.06	47.16 1.30 -28.25	51.95 0.76 -41.72	49.66 1.25 -33.36	46.83 1.15 -32.11	44.13 0.82 -32.50	36.49 1.09 -21.00	36.00 1.85 -9.46	40.69 1.21 -24.14	43.53 1.32 -24.76	41.05 0.72 -30.81	41.42 1.22 -23.81	51.91 2.05 -25.20	45.65 2.17 -14.38	43.39 1.88 -15.41	38.48 1.22 -18.59
NYPA____HELLGATE_GT1 24158	47.83 1.45 -31.10	47.77 1.09 -33.98	48.06 1.93 -20.32	44.32 0.19 -41.90	41.59 -0.48 -47.42	43.25 -0.54 -49.77	42.97 0.35 -38.51	43.41 0.62 -36.33	46.18 0.98 -36.07	45.12 2.04 -25.46	46.01 1.19 -35.36	43.74 1.92 -26.76	45.44 1.76 -30.11	44.65 1.34 -32.50	37.21 1.80 -21.00	37.14 2.98 -9.46	39.09 1.91 -21.84	41.04 2.13 -21.46	40.47 1.17 -29.79	42.15 1.95 -23.81	44.61 3.22 -16.73	43.29 3.57 -10.61	41.88 3.08 -12.70	39.29 2.02 -18.59
NYPA____HELLGATE_GT2 24159	47.83 1.45 -31.10	47.77 1.09 -33.98	48.06 1.93 -20.32	44.32 0.19 -41.90	41.59 -0.48 -47.42	43.25 -0.54 -49.77	42.97 0.35 -38.51	43.41 0.62 -36.33	46.18 0.98 -36.07	45.12 2.04 -25.46	46.01 1.19 -35.36	43.74 1.92 -26.76	45.44 1.76 -30.11	44.65 1.34 -32.50	37.21 1.80 -21.00	37.14 2.98 -9.46	39.09 1.91 -21.84	41.04 2.13 -21.46	40.47 1.17 -29.79	42.15 1.95 -23.81	44.61 3.22 -16.73	43.29 3.57 -10.61	41.88 3.08 -12.70	39.29 2.02 -18.59
O.H__GEN_BRUCE 24063	17.46 -1.12 -5.30	17.01 -1.13 -5.44	30.48 -2.23 -6.90	8.87 -0.17 -6.82	2.57 0.34 -7.58	1.67 0.40 -7.27	9.82 -0.23 -21.06	27.13 -0.39 -21.06	18.34 -0.63 -9.83	20.47 -1.26 -4.12	14.48 -0.65 -5.65	18.23 -1.10 -4.28	17.41 -0.97 -4.81	15.22 -0.78 -5.20	16.80 -0.96 -3.36	29.76 -2.07 -7.14	26.41 -1.13 -12.20	31.19 -1.38 -15.13	13.66 -0.56 -4.71	18.76 -1.19 -3.56	24.82 -2.34 -2.50	27.94 -2.75 -1.59	25.52 -2.47 -1.90	23.37 -1.86 -6.55
OAK ORCHARD__HYD 24046	16.24 -1.05 -4.01	15.73 -1.09 -4.11	26.13 -2.14 -2.46	7.16 -0.17 -5.10	0.74 0.33 -5.76	0.41 0.38 -6.02	8.57 -0.22 -4.68	10.46 -0.39 -4.39	12.87 -0.63 -4.36	19.43 -1.26 -3.08	13.10 -0.65 -4.28	17.19 -1.11 -3.24	16.24 -0.97 -3.64	13.96 -0.77 -3.93	15.99 -0.95 -2.54	23.75 -2.04 -1.10	16.71 -1.11 -2.48	18.51 -1.37 -2.43	12.33 -0.58 -3.40	17.87 -1.22 -2.70	24.22 -2.33 -1.90	27.68 -2.63 -1.20	25.16 -2.37 -1.44	19.04 -1.75 -2.11
ONONDAGA_REF_OCCRA 23987	16.08 -0.25 -3.04	15.58 -0.25 -3.12	27.21 -0.46 -1.87	6.03 -0.04 -3.84	-0.90 0.10 -4.35	-1.30 0.12 -4.57	7.56 -0.08 -3.53	9.69 -0.10 -3.34	12.32 -0.14 -3.31	19.66 -0.29 -2.34	12.55 -0.17 -3.25	17.22 -0.29 -2.46	16.09 -0.25 -2.77	13.61 -0.18 -2.98	16.10 -0.23 -1.93	25.14 -0.39 -0.83	16.98 -0.25 -1.89	19.01 -0.28 -1.85	11.93 -0.15 -2.57	18.17 -0.26 -2.05	25.66 -0.43 -1.44	29.44 -0.58 -0.91	26.67 -0.52 -1.09	19.91 -0.37 -1.60
ONONDAGA__COGEN 23986	16.08 -0.38 -3.18	15.58 -0.39 -3.26	27.00 -0.76 -1.95	6.16 -0.06 -3.99	-0.68 0.15 -4.53	-1.05 0.17 -4.77	7.68 -0.10 -3.67	9.79 -0.15 -3.48	12.38 -0.22 -3.46	19.61 -0.45 -2.44	12.61 -0.25 -3.39	17.20 -0.42 -2.56	16.09 -0.36 -2.88	13.64 -0.28 -3.11	16.06 -0.36 -2.01	24.91 -0.66 -0.87	16.91 -0.40 -1.97	18.91 -0.46 -1.93	11.96 -0.23 -2.67	18.11 -0.41 -2.14	25.45 -0.71 -1.50	29.17 -0.89 -0.95	26.43 -0.81 -1.14	19.75 -0.59 -1.67
OSWEGATCHIE__HYD 24044	13.30 -0.25 -0.27	12.81 -0.17 -0.27	25.81 -0.16 -0.16	2.47 -0.05 -0.30	-4.81 0.18 -0.35	-5.38 0.21 -0.40	4.27 -0.12 -0.29	6.61 -0.14 -0.29	9.23 -0.20 -0.29	17.45 -0.36 -0.21	9.50 -0.26 -0.29	14.90 -0.37 -0.22	13.52 -0.30 -0.24	10.89 -0.18 -0.26	14.30 -0.26 -0.17	24.64 -0.12 -0.08	15.31 -0.20 -0.17	17.47 -0.15 -0.17	9.50 -0.24 -0.22	16.31 -0.27 -0.19	24.59 -0.20 -0.14	28.97 -0.22 -0.09	26.09 -0.11 -0.10	18.88 0.06 -0.15
OSWEGO__5 23606	15.24 -0.39 -2.35	14.72 -0.39 -2.40	26.47 -0.78 -1.44	5.14 -0.07 -2.98	-1.84 0.16 -3.36	-2.30 0.18 -3.52	6.72 -0.12 -2.73	8.85 -0.18 -2.57	11.44 -0.26 -2.55	18.91 -0.50 -1.80	11.70 -0.28 -2.50	16.50 -0.45 -1.89	15.30 -0.40 -2.13	12.79 -0.31 -2.30	15.48 -0.41 -1.49	24.60 -0.73 -0.64	16.35 -0.45 -1.45	18.36 -0.52 -1.42	11.23 -0.26 -1.98	17.49 -0.47 -1.58	25.00 -0.76 -1.11	28.89 -0.92 -0.70	26.11 -0.83 -0.84	19.30 -0.60 -1.23
OSWEGO__6 23613	15.24 -0.39 -2.35	14.72 -0.39 -2.40	26.47 -0.78 -1.44	5.14 -0.07 -2.98	-1.84 0.16 -3.36	-2.30 0.18 -3.52	6.72 -0.12 -2.73	8.85 -0.18 -2.57	11.44 -0.26 -2.55	18.91 -0.50 -1.80	11.70 -0.28 -2.50	16.50 -0.45 -1.89	15.30 -0.40 -2.13	12.79 -0.31 -2.30	15.48 -0.41 -1.49	24.60 -0.73 -0.64	16.34 -0.45 -1.45	18.35 -0.52 -1.42	11.23 -0.26 -1.98	17.49 -0.47 -1.58	25.00 -0.76 -1.11	28.88 -0.92 -0.70	26.10 -0.83 -0.84	19.30 -0.61 -1.23
OXBOW____ 24026	17.08 -1.23 -5.02	16.61 -1.24 -5.15	26.44 -2.45 -3.08	8.36 -0.19 -6.32	2.19 0.38 -7.16	1.98 0.43 -7.54	9.68 -0.25 -5.81	11.54 -0.43 -5.50	13.90 -0.70 -5.46	20.05 -1.42 -3.86	14.10 -0.73 -5.36	17.87 -1.24 -4.05	17.04 -1.09 -4.56	14.86 -0.87 -4.92	16.52 -1.06 -3.18	23.76 -2.31 -1.37	17.21 -1.24 -3.11	18.97 -1.52 -3.04	13.13 -0.61 -4.22	18.44 -1.33 -3.38	24.40 -2.63 -2.37	27.56 -3.05 -1.51	25.12 -2.78 -1.80	19.29 -2.02 -2.64

PEEKSKILL____ 23653	46.91 0.66 -32.97	47.06 0.58 -33.77	47.02 1.02 -20.19	43.92 0.11 -41.58	41.43 -0.29 -47.07	43.14 -0.32 -49.45	42.55 0.21 -38.22	42.93 0.37 -36.10	45.56 0.59 -35.83	44.15 1.24 -25.30	45.32 0.72 -35.13	42.81 1.17 -26.59	44.55 1.07 -29.91	43.89 0.79 -32.29	36.33 1.06 -20.87	35.83 1.73 -9.41	38.20 1.14 -21.72	40.05 1.25 -21.35	39.86 0.71 -29.65	41.24 1.16 -23.69	43.18 1.88 -16.64	41.70 2.04 -10.56	40.47 1.74 -12.64	38.28 1.11 -18.50
PGE MADISON__WINDPWR 24146	23.64 0.81 -9.55	23.15 0.66 -9.79	32.83 1.17 -5.85	14.43 0.12 -12.08	7.99 -0.31 -13.66	7.97 -0.36 -14.32	15.44 0.24 -11.09	17.35 0.43 -10.45	20.20 0.68 -10.38	26.22 1.28 -7.32	20.37 0.72 -10.17	23.84 1.09 -7.70	23.21 0.97 -8.66	20.92 0.76 -9.35	21.42 0.98 -6.04	28.90 1.60 -2.61	22.29 1.04 -5.91	24.40 1.17 -5.79	18.23 0.70 -8.01	24.00 1.20 -6.42	31.10 1.94 -4.51	34.25 2.29 -2.86	31.38 1.86 -3.43	24.86 1.17 -5.01
PJM_GEN_KEystone 24065	9.95 -0.91 2.42	18.85 -0.90 -7.04	10.08 -1.82 13.91	10.84 -0.13 -8.75	4.92 0.30 -9.98	4.26 0.33 -9.92	11.83 -0.21 -7.93	28.89 -0.32 -22.75	19.55 -0.47 -10.88	22.11 -0.90 -5.40	16.46 -0.45 -7.44	19.92 -0.77 -5.63	19.24 -0.67 -6.34	17.08 -0.57 -6.84	18.11 -0.71 -4.42	31.00 -1.48 -7.80	27.48 -0.82 -12.96	32.60 -1.00 -16.15	15.21 -0.42 -6.12	20.25 -0.83 -4.69	26.38 -1.57 -3.30	29.25 -1.94 -2.09	26.83 -1.77 -2.50	24.48 -1.39 -7.19
PLEASANTVLY__LBMP 24000	47.99 0.48 -34.23	48.22 0.43 -35.09	47.57 0.77 -20.98	45.51 0.08 -43.20	43.33 -0.21 -48.90	45.15 -0.24 -51.38	43.98 0.16 -39.71	44.23 0.26 -37.51	46.77 0.40 -37.23	44.71 0.81 -26.28	46.44 0.47 -36.50	43.43 0.75 -27.62	45.31 0.66 -31.08	44.85 0.49 -33.55	36.74 0.66 -21.68	35.48 1.07 -9.72	38.44 0.70 -22.39	40.23 0.78 -22.01	40.53 0.45 -30.56	41.56 0.76 -24.42	42.96 1.15 -17.15	41.20 1.21 -10.88	40.18 1.05 -13.03	38.45 0.71 -19.07
POLETTI____ 23519	47.25 0.82 -33.15	47.38 0.70 -33.98	47.36 1.23 -20.32	44.26 0.13 -41.90	41.72 -0.34 -47.41	43.40 -0.38 -49.77	42.87 0.26 -38.51	43.24 0.45 -36.33	45.91 0.71 -36.06	44.55 1.48 -25.46	45.68 0.86 -35.35	43.20 1.39 -26.76	44.95 1.28 -30.10	44.25 0.95 -32.50	36.70 1.29 -21.00	36.29 2.14 -9.46	38.57 1.40 -21.84	40.45 1.54 -21.46	40.15 0.85 -29.78	41.60 1.40 -23.81	43.69 2.31 -16.73	42.24 2.53 -10.61	41.02 2.22 -12.70	38.74 1.47 -18.59
PORT_JEFF_3 23555	47.18 0.76 -33.15	47.37 0.69 -33.98	47.47 1.34 -20.32	44.28 0.14 -41.91	41.70 -0.36 -47.41	43.37 -0.40 -49.76	42.85 0.24 -38.50	43.18 0.39 -36.32	45.83 0.63 -36.06	47.22 1.36 -28.25	51.99 0.80 -41.72	49.71 1.30 -33.36	46.88 1.20 -32.11	44.17 0.87 -32.50	36.55 1.15 -21.00	36.09 1.94 -9.46	40.75 1.27 -24.14	43.59 1.39 -24.76	41.09 0.76 -30.81	41.48 1.29 -23.81	52.01 2.16 -25.20	45.76 2.28 -14.38	43.48 1.98 -15.41	38.55 1.28 -18.59
PORT_JEFF_4 23616	46.98 0.56 -33.15	47.25 0.57 -33.98	47.31 1.19 -20.32	44.26 0.13 -41.91	41.74 -0.32 -47.41	43.41 -0.36 -49.76	42.82 0.21 -38.50	43.09 0.30 -36.32	45.67 0.47 -36.06	46.89 1.02 -28.25	51.80 0.61 -41.72	49.41 0.99 -33.36	46.61 0.92 -32.11	43.95 0.64 -32.50	36.27 0.87 -21.00	35.69 1.54 -9.46	40.51 1.03 -24.14	43.31 1.10 -24.76	40.91 0.58 -30.81	41.16 0.97 -23.81	51.50 1.65 -25.20	45.17 1.69 -14.38	42.97 1.47 -15.41	38.20 0.93 -18.59
PORT_JEFF_IC 23713	47.19 0.76 -33.15	47.37 0.69 -33.98	47.48 1.35 -20.32	44.28 0.14 -41.91	41.70 -0.36 -47.41	43.37 -0.40 -49.76	42.85 0.24 -38.50	43.18 0.39 -36.32	45.83 0.64 -36.06	47.23 1.36 -28.25	51.99 0.80 -41.72	49.72 1.30 -33.36	46.89 1.20 -32.11	44.17 0.87 -32.50	36.55 1.15 -21.00	36.10 1.95 -9.46	40.76 1.28 -24.14	43.60 1.40 -24.76	41.09 0.76 -30.81	41.48 1.29 -23.81	52.02 2.17 -25.20	45.77 2.29 -14.38	43.49 1.98 -15.41	38.55 1.28 -18.59
PROJECT__ORANGE 23990	15.74 -0.22 -2.68	15.24 -0.21 -2.75	27.07 -0.38 -1.64	5.54 -0.04 -3.35	-1.45 0.10 -3.80	-1.86 0.11 -4.02	7.13 -0.07 -3.09	9.31 -0.09 -2.93	11.93 -0.12 -2.91	19.43 -0.24 -2.06	12.18 -0.15 -2.86	16.97 -0.25 -2.16	15.80 -0.21 -2.43	13.28 -0.15 -2.62	15.91 -0.19 -1.70	25.13 -0.30 -0.74	16.80 -0.20 -1.66	18.85 -0.22 -1.63	11.63 -0.13 -2.24	17.97 -0.22 -1.80	25.57 -0.35 -1.27	29.43 -0.48 -0.80	26.63 -0.43 -0.96	19.79 -0.29 -1.41
PYRITES__HYD 24023	13.19 0.00 0.09	12.71 0.10 0.09	26.16 0.41 0.05	2.12 -0.01 0.10	-5.37 0.10 0.11	-6.00 0.12 0.13	3.97 -0.05 0.09	6.34 -0.03 0.09	9.00 -0.05 0.09	17.48 -0.07 0.07	9.27 -0.11 0.09	14.86 -0.12 0.07	13.43 -0.07 0.08	10.72 0.00 0.08	14.34 -0.01 0.05	25.05 0.38 0.02	15.38 0.09 0.04	17.64 0.23 0.04	9.37 -0.09 0.05	16.36 0.02 0.05	24.92 0.30 0.03	29.53 0.45 0.02	26.58 0.51 0.02	19.16 0.52 0.03
RANKINE____ 23646	17.66 -1.02 -5.39	17.20 -1.03 -5.53	27.07 -2.05 -3.30	8.89 -0.15 -6.82	2.66 0.30 -7.71	2.44 0.34 -8.09	10.17 -0.20 -6.26	12.03 -0.33 -5.91	14.47 -0.54 -5.86	20.68 -1.07 -4.14	14.69 -0.53 -5.75	18.47 -0.93 -4.35	17.65 -0.81 -4.89	15.43 -0.66 -5.28	17.02 -0.80 -3.41	24.36 -1.81 -1.48	17.72 -0.96 -3.34	19.51 -1.20 -3.27	13.61 -0.45 -4.55	19.02 -0.99 -3.62	25.17 -2.03 -2.55	28.33 -2.39 -1.61	25.83 -2.20 -1.93	19.84 -1.67 -2.83
RAVENS GT4-7____ 23728	47.45 1.02 -33.15	47.58 0.89 -33.98	47.70 1.58 -20.32	44.29 0.16 -41.90	41.66 -0.41 -47.42	43.33 -0.46 -49.77	42.92 0.30 -38.51	43.32 0.52 -36.33	46.03 0.83 -36.07	44.81 1.74 -25.46	45.83 1.01 -35.36	43.45 1.63 -26.76	45.18 1.50 -30.11	44.43 1.12 -32.50	36.93 1.52 -21.00	36.66 2.51 -9.46	38.80 1.62 -21.84	40.71 1.80 -21.46	40.30 1.00 -29.79	41.85 1.65 -23.81	44.10 2.71 -16.73	42.67 2.95 -10.61	41.35 2.55 -12.70	38.95 1.69 -18.59
RAVENSWD GT2____ 23730	47.31 0.88 -33.15	47.46 0.78 -33.98	47.51 1.38 -20.32	44.27 0.14 -41.90	41.70 -0.37 -47.42	43.37 -0.41 -49.77	42.89 0.27 -38.51	43.26 0.47 -36.33	45.95 0.74 -36.07	44.62 1.55 -25.46	45.72 0.89 -35.36	43.28 1.46 -26.76	45.02 1.34 -30.11	44.31 1.00 -32.50	36.76 1.36 -21.00	36.39 2.24 -9.46	38.63 1.45 -21.84	40.52 1.61 -21.46	40.19 0.89 -29.79	41.68 1.48 -23.81	43.81 2.43 -16.73	42.37 2.66 -10.61	41.09 2.29 -12.70	38.76 1.49 -18.59
RAVENSWD GT3____ 23733	47.31 0.88 -33.15	47.46 0.78 -33.98	47.51 1.38 -20.32	44.27 0.14 -41.90	41.70 -0.37 -47.42	43.37 -0.41 -49.77	42.89 0.27 -38.51	43.26 0.47 -36.33	45.95 0.74 -36.07	44.62 1.55 -25.46	45.72 0.89 -35.36	43.28 1.46 -26.76	45.02 1.34 -30.11	44.31 1.00 -32.50	36.76 1.36 -21.00	36.39 2.24 -9.46	38.63 1.45 -21.84	40.52 1.61 -21.46	40.19 0.89 -29.79	41.68 1.48 -23.81	43.81 2.43 -16.73	42.37 2.66 -10.61	41.09 2.29 -12.70	38.76 1.49 -18.59
RAVENSWOOD_GT2_1 24244	47.31 0.88 -33.15	47.46 0.78 -33.98	47.51 1.38 -20.32	44.27 0.14 -41.90	41.70 -0.37 -47.42	43.37 -0.41 -49.77	42.89 0.27 -38.51	43.26 0.47 -36.33	45.95 0.74 -36.07	44.62 1.55 -25.46	45.72 0.89 -35.36	43.28 1.46 -26.76	45.02 1.34 -30.11	44.31 1.00 -32.50	36.76 1.36 -21.00	36.39 2.24 -9.46	38.63 1.45 -21.84	40.52 1.61 -21.46	40.19 0.89 -29.79	41.68 1.48 -23.81	43.81 2.43 -16.73	42.37 2.66 -10.61	41.09 2.29 -12.70	38.76 1.49 -18.59
RAVENSWOOD_GT2_2 24245	47.31 0.88 -33.15	47.46 0.78 -33.98	47.51 1.38 -20.32	44.27 0.14 -41.90	41.70 -0.37 -47.42	43.37 -0.41 -49.77	42.89 0.27 -38.51	43.26 0.47 -36.33	45.95 0.74 -36.07	44.62 1.55 -25.46	45.72 0.89 -35.36	43.28 1.46 -26.76	45.02 1.34 -30.11	44.31 1.00 -32.50	36.76 1.36 -21.00	36.39 2.24 -9.46	38.63 1.45 -21.84	40.52 1.61 -21.46	40.19 0.89 -29.79	41.68 1.48 -23.81	43.81 2.43 -16.73	42.37 2.66 -10.61	41.09 2.29 -12.70	38.76 1.49 -18.59

RAVENSWOOD_GT2_3 24246	47.31 0.88 -33.15	47.46 0.78 -33.98	47.51 1.38 -20.32	44.27 0.14 -41.90	41.70 -0.37 -47.42	43.37 -0.41 -49.77	42.89 0.27 -38.51	43.26 0.47 -36.33	45.95 0.74 -36.07	44.62 1.55 -25.46	45.72 0.89 -35.36	43.28 1.46 -26.76	45.02 1.34 -30.11	44.31 1.00 -32.50	36.76 1.36 -21.00	36.39 2.24 -9.46	38.63 1.45 -21.84	40.52 1.61 -21.46	40.19 0.89 -29.79	41.68 1.48 -23.81	43.81 2.43 -16.73	42.37 2.66 -10.61	41.09 2.29 -12.70	38.76 1.49 -18.59
RAVENSWOOD_GT2_4 24247	47.31 0.88 -33.15	47.46 0.78 -33.98	47.51 1.38 -20.32	44.27 0.14 -41.90	41.70 -0.37 -47.42	43.37 -0.41 -49.77	42.89 0.27 -38.51	43.26 0.47 -36.33	45.95 0.74 -36.07	44.62 1.55 -25.46	45.72 0.89 -35.36	43.28 1.46 -26.76	45.02 1.34 -30.11	44.31 1.00 -32.50	36.76 1.36 -21.00	36.39 2.24 -9.46	38.63 1.45 -21.84	40.52 1.61 -21.46	40.19 0.89 -29.79	41.68 1.48 -23.81	43.81 2.43 -16.73	42.37 2.66 -10.61	41.09 2.29 -12.70	38.76 1.49 -18.59
RAVENSWOOD_GT3_1 24248	47.31 0.88 -33.15	47.46 0.78 -33.98	47.51 1.38 -20.32	44.27 0.14 -41.90	41.70 -0.37 -47.42	43.37 -0.41 -49.77	42.89 0.27 -38.51	43.26 0.47 -36.33	45.95 0.74 -36.07	44.62 1.55 -25.46	45.72 0.89 -35.36	43.28 1.46 -26.76	45.02 1.34 -30.11	44.31 1.00 -32.50	36.76 1.36 -21.00	36.39 2.24 -9.46	38.63 1.45 -21.84	40.52 1.61 -21.46	40.19 0.89 -29.79	41.68 1.48 -23.81	43.81 2.43 -16.73	42.37 2.66 -10.61	41.09 2.29 -12.70	38.76 1.49 -18.59
RAVENSWOOD_GT3_2 24249	47.31 0.88 -33.15	47.46 0.78 -33.98	47.51 1.38 -20.32	44.27 0.14 -41.90	41.70 -0.37 -47.42	43.37 -0.41 -49.77	42.89 0.27 -38.51	43.26 0.47 -36.33	45.95 0.74 -36.07	44.62 1.55 -25.46	45.72 0.89 -35.36	43.28 1.46 -26.76	45.02 1.34 -30.11	44.31 1.00 -32.50	36.76 1.36 -21.00	36.39 2.24 -9.46	38.63 1.45 -21.84	40.52 1.61 -21.46	40.19 0.89 -29.79	41.68 1.48 -23.81	43.81 2.43 -16.73	42.37 2.66 -10.61	41.09 2.29 -12.70	38.76 1.49 -18.59
RAVENSWOOD_GT3_3 24250	47.31 0.88 -33.15	47.46 0.78 -33.98	47.51 1.38 -20.32	44.27 0.14 -41.90	41.70 -0.37 -47.42	43.37 -0.41 -49.77	42.89 0.27 -38.51	43.26 0.47 -36.33	45.95 0.74 -36.07	44.62 1.55 -25.46	45.72 0.89 -35.36	43.28 1.46 -26.76	45.02 1.34 -30.11	44.31 1.00 -32.50	36.76 1.36 -21.00	36.39 2.24 -9.46	38.63 1.45 -21.84	40.52 1.61 -21.46	40.19 0.89 -29.79	41.68 1.48 -23.81	43.81 2.43 -16.73	42.37 2.66 -10.61	41.09 2.29 -12.70	38.76 1.49 -18.59
RAVENSWOOD_GT3_4 24251	47.31 0.88 -33.15	47.46 0.78 -33.98	47.51 1.38 -20.32	44.27 0.14 -41.90	41.70 -0.37 -47.42	43.37 -0.41 -49.77	42.89 0.27 -38.51	43.26 0.47 -36.33	45.95 0.74 -36.07	44.62 1.55 -25.46	45.72 0.89 -35.36	43.28 1.46 -26.76	45.02 1.34 -30.11	44.31 1.00 -32.50	36.76 1.36 -21.00	36.39 2.24 -9.46	38.63 1.45 -21.84	40.52 1.61 -21.46	40.19 0.89 -29.79	41.68 1.48 -23.81	43.81 2.43 -16.73	42.37 2.66 -10.61	41.09 2.29 -12.70	38.76 1.49 -18.59
RAVENSWOOD_GT_1 23729	47.30 0.87 -33.15	47.46 0.77 -33.98	47.50 1.37 -20.32	44.27 0.15 -41.90	41.70 -0.36 -47.42	43.38 -0.41 -49.77	42.89 0.27 -38.51	43.26 0.47 -36.33	45.94 0.74 -36.07	44.61 1.54 -25.46	45.72 0.89 -35.36	43.27 1.45 -26.76	45.01 1.33 -30.11	44.31 0.99 -32.50	36.76 1.35 -21.00	36.38 2.23 -9.46	38.62 1.44 -21.84	40.51 1.60 -21.46	40.19 0.89 -29.79	41.67 1.47 -23.81	43.80 2.41 -16.73	42.35 2.64 -10.61	41.08 2.28 -12.70	38.75 1.48 -18.59
RAVENSWOOD_GT_10 24258	47.45 1.02 -33.15	47.58 0.90 -33.98	47.71 1.58 -20.32	44.29 0.16 -41.90	41.65 -0.41 -47.42	43.33 -0.46 -49.77	42.92 0.30 -38.51	43.32 0.53 -36.33	46.04 0.83 -36.07	44.82 1.74 -25.46	45.84 1.01 -35.36	43.45 1.64 -26.76	45.18 1.50 -30.11	44.44 1.13 -32.50	36.93 1.53 -21.00	36.67 2.52 -9.46	38.80 1.63 -21.84	40.71 1.80 -21.46	40.30 1.00 -29.79	41.85 1.65 -23.81	44.10 2.72 -16.73	42.68 2.96 -10.61	41.36 2.56 -12.70	38.96 1.69 -18.59
RAVENSWOOD_GT_11 24259	47.45 1.02 -33.15	47.58 0.90 -33.98	47.71 1.58 -20.32	44.29 0.16 -41.90	41.65 -0.41 -47.42	43.33 -0.46 -49.77	42.92 0.30 -38.51	43.32 0.53 -36.33	46.04 0.83 -36.07	44.82 1.74 -25.46	45.84 1.01 -35.36	43.45 1.64 -26.76	45.18 1.50 -30.11	44.44 1.13 -32.50	36.93 1.53 -21.00	36.67 2.52 -9.46	38.80 1.63 -21.84	40.71 1.80 -21.46	40.30 1.00 -29.79	41.85 1.65 -23.81	44.10 2.72 -16.73	42.68 2.96 -10.61	41.36 2.56 -12.70	38.96 1.69 -18.59
RAVENSWOOD_GT_4 24252	47.45 1.02 -33.15	47.58 0.89 -33.98	47.70 1.58 -20.32	44.29 0.16 -41.90	41.66 -0.41 -47.42	43.33 -0.46 -49.77	42.92 0.30 -38.51	43.32 0.52 -36.33	46.03 0.83 -36.07	44.81 1.74 -25.46	45.83 1.01 -35.36	43.45 1.63 -26.76	45.18 1.50 -30.11	44.43 1.12 -32.50	36.93 1.52 -21.00	36.66 2.51 -9.46	38.80 1.62 -21.84	40.71 1.80 -21.46	40.30 1.00 -29.79	41.85 1.65 -23.81	44.10 2.71 -16.73	42.67 2.95 -10.61	41.35 2.55 -12.70	38.95 1.69 -18.59
RAVENSWOOD_GT_5 24254	47.31 0.88 -33.15	47.46 0.78 -33.98	47.51 1.38 -20.32	44.27 0.14 -41.90	41.70 -0.37 -47.42	43.37 -0.41 -49.77	42.89 0.27 -38.51	43.26 0.47 -36.33	45.95 0.74 -36.07	44.62 1.55 -25.46	45.72 0.89 -35.36	43.28 1.46 -26.76	45.02 1.34 -30.11	44.31 1.00 -32.50	36.76 1.36 -21.00	36.39 2.24 -9.46	38.63 1.45 -21.84	40.52 1.61 -21.46	40.19 0.89 -29.79	41.68 1.48 -23.81	43.81 2.43 -16.73	42.37 2.66 -10.61	41.09 2.29 -12.70	38.76 1.49 -18.59
RAVENSWOOD_GT_6 24253	47.45 1.02 -33.15	47.58 0.89 -33.98	47.70 1.58 -20.32	44.29 0.16 -41.90	41.66 -0.41 -47.42	43.33 -0.46 -49.77	42.92 0.30 -38.51	43.32 0.52 -36.33	46.03 0.83 -36.07	44.81 1.74 -25.46	45.83 1.01 -35.36	43.45 1.63 -26.76	45.18 1.50 -30.11	44.43 1.12 -32.50	36.93 1.52 -21.00	36.66 2.51 -9.46	38.80 1.62 -21.84	40.71 1.80 -21.46	40.30 1.00 -29.79	41.85 1.65 -23.81	44.10 2.71 -16.73	42.67 2.95 -10.61	41.35 2.55 -12.70	38.95 1.69 -18.59
RAVENSWOOD_GT_7 24255	47.31 0.88 -33.15	47.46 0.78 -33.98	47.51 1.38 -20.32	44.27 0.14 -41.90	41.70 -0.37 -47.42	43.37 -0.41 -49.77	42.89 0.27 -38.51	43.26 0.47 -36.33	45.95 0.74 -36.07	44.62 1.55 -25.46	45.72 0.89 -35.36	43.28 1.46 -26.76	45.02 1.34 -30.11	44.31 1.00 -32.50	36.76 1.36 -21.00	36.39 2.24 -9.46	38.63 1.45 -21.84	40.52 1.61 -21.46	40.19 0.89 -29.79	41.68 1.48 -23.81	43.81 2.43 -16.73	42.37 2.66 -10.61	41.09 2.29 -12.70	38.76 1.49 -18.59
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	47.45 1.02 -33.15	47.58 0.90 -33.98	47.71 1.58 -20.32	44.29 0.16 -41.90	41.65 -0.41 -47.42	43.33 -0.46 -49.77	42.92 0.30 -38.51	43.32 0.53 -36.33	46.04 0.83 -36.07	44.82 1.74 -25.46	45.84 1.01 -35.36	43.45 1.64 -26.76	45.18 1.50 -30.11	44.44 1.13 -32.50	36.93 1.53 -21.00	36.67 2.52 -9.46	38.80 1.63 -21.84	40.71 1.80 -21.46	40.30 1.00 -29.79	41.85 1.65 -23.81	44.10 2.72 -16.73	42.68 2.96 -10.61	41.36 2.56 -12.70	38.96 1.69 -18.59
RAVENSWOOD_GT_9 24257	47.45 1.02 -33.15	47.58 0.90 -33.98	47.71 1.58 -20.32	44.29 0.16 -41.90	41.65 -0.41 -47.42	43.33 -0.46 -49.77	42.92 0.30 -38.51	43.32 0.53 -36.33	46.04 0.83 -36.07	44.82 1.74 -25.46	45.84 1.01 -35.36	43.45 1.64 -26.76	45.18 1.50 -30.11	44.44 1.13 -32.50	36.93 1.53 -21.00	36.67 2.52 -9.46	38.80 1.63 -21.84	40.71 1.80 -21.46	40.30 1.00 -29.79	41.85 1.65 -23.81	44.10 2.72 -16.73	42.68 2.96 -10.61	41.36 2.56 -12.70	38.96 1.69 -18.59
RAVENSWOOD___I 23533	47.43 1.00 -33.15	47.56 0.88 -33.98	47.68 1.55 -20.32	44.29 0.16 -41.90	41.66 -0.41 -47.42	43.33 -0.45 -49.77	42.92 0.30 -38.51	43.31 0.52 -36.33	46.03 0.82 -36.07	44.79 1.71 -25.46	45.82 1.00 -35.36	43.43 1.61 -26.76	45.16 1.48 -30.11	44.42 1.11 -32.50	36.91 1.50 -21.00	36.64 2.48 -9.46	38.78 1.60 -21.84	40.69 1.78 -21.46	40.28 0.98 -29.79	41.83 1.63 -23.81	44.05 2.67 -16.73	42.58 2.86 -10.61	41.27 2.47 -12.70	38.91 1.64 -18.59

RAVENSWOOD___2 23534	47.43 1.00 -33.15	47.56 0.88 -33.98	47.68 1.55 -20.32	44.29 0.16 -41.90	41.66 -0.41 -47.42	43.33 -0.45 -49.77	42.92 0.30 -38.51	43.31 0.52 -36.33	46.03 0.82 -36.07	44.79 1.71 -25.46	45.82 1.00 -35.36	43.43 1.61 -26.76	45.16 1.48 -30.11	44.42 1.11 -32.50	36.91 1.50 -21.00	36.63 2.48 -9.46	38.77 1.60 -21.84	40.68 1.77 -21.46	40.28 0.98 -29.79	41.82 1.63 -23.81	44.05 2.67 -16.73	42.59 2.88 -10.61	41.29 2.50 -12.70	38.93 1.66 -18.59
RAVENSWOOD___3 23535	47.30 0.87 -33.15	47.46 0.77 -33.98	47.50 1.37 -20.32	44.27 0.15 -41.90	41.70 -0.36 -47.42	43.38 -0.41 -49.77	42.89 0.27 -38.51	43.26 0.47 -36.33	45.94 0.74 -36.07	44.61 1.54 -25.46	45.72 0.89 -35.36	43.27 1.45 -26.76	45.01 1.33 -30.11	44.31 0.99 -32.50	36.76 1.35 -21.00	36.38 2.23 -9.46	38.62 1.44 -21.84	40.51 1.60 -21.46	40.19 0.89 -29.79	41.67 1.47 -23.81	43.80 2.41 -16.73	42.35 2.64 -10.61	41.08 2.28 -12.70	38.75 1.48 -18.59
RAVNSWD 8-11____ 23667	47.45 1.02 -33.15	47.58 0.90 -33.98	47.71 1.58 -20.32	44.29 0.16 -41.90	41.65 -0.41 -47.42	43.33 -0.46 -49.77	42.92 0.30 -38.51	43.32 0.53 -36.33	46.04 0.83 -36.07	44.82 1.74 -25.46	45.84 1.01 -35.36	43.45 1.64 -26.76	45.18 1.50 -30.11	44.44 1.13 -32.50	36.93 1.53 -21.00	36.67 2.52 -9.46	38.80 1.63 -21.84	40.71 1.80 -21.46	40.30 1.00 -29.79	41.85 1.65 -23.81	44.10 2.72 -16.73	42.68 2.96 -10.61	41.36 2.56 -12.70	38.96 1.69 -18.59
RENSSELAER___COGEN 23796	56.75 1.04 -42.43	57.27 1.07 -43.49	54.03 2.22 -26.01	55.98 0.16 -53.59	54.94 -0.33 -60.63	57.29 -0.38 -63.66	53.59 0.25 -49.23	53.33 0.40 -46.47	55.87 0.60 -46.13	51.29 1.11 -32.56	55.26 0.56 -45.22	50.24 0.95 -34.23	52.90 0.82 -38.51	53.08 0.70 -41.57	42.12 0.86 -26.86	38.40 1.86 -11.85	43.46 1.03 -27.09	45.32 1.26 -26.61	46.99 0.53 -36.95	46.97 1.06 -29.53	47.33 1.93 -20.74	44.58 2.31 -13.16	43.95 2.10 -15.75	43.40 1.67 -23.06
ROCHESTER_9_IC 23652	16.98 -0.27 -3.98	16.49 -0.29 -4.08	27.72 -0.52 -2.44	7.22 -0.07 -5.06	0.52 0.16 -5.71	0.16 0.19 -5.96	8.65 -0.10 -4.64	10.66 -0.15 -4.35	13.23 -0.24 -4.32	20.13 -0.53 -3.05	13.38 -0.34 -4.24	17.72 -0.55 -3.21	16.70 -0.48 -3.61	14.39 -0.31 -3.90	16.50 -0.42 -2.52	25.13 -0.65 -1.09	17.35 -0.45 -2.46	19.38 -0.48 -2.41	12.54 -0.30 -3.33	18.55 -0.51 -2.68	25.75 -0.79 -1.88	29.56 -0.74 -1.19	26.77 -0.75 -1.43	20.22 -0.55 -2.09
ROSETON___1 23587	46.75 0.58 -32.89	46.93 0.51 -33.72	46.86 0.89 -20.16	43.85 0.10 -41.52	41.36 -0.27 -46.98	43.06 -0.30 -49.35	42.45 0.19 -38.15	42.81 0.33 -36.02	45.41 0.52 -35.75	43.91 1.05 -25.24	45.13 0.61 -35.05	42.57 0.98 -26.53	44.31 0.89 -29.85	43.69 0.66 -32.23	36.12 0.90 -20.82	35.56 1.48 -9.39	38.00 0.97 -21.68	39.82 1.06 -21.31	39.71 0.60 -29.59	41.03 0.99 -23.65	42.82 1.55 -16.61	41.30 1.66 -10.54	40.16 1.45 -12.61	38.08 0.94 -18.46
ROSETON___2 23588	46.78 0.61 -32.89	46.95 0.53 -33.72	46.91 0.94 -20.16	43.85 0.10 -41.52	41.36 -0.27 -46.98	43.05 -0.30 -49.35	42.45 0.19 -38.15	42.81 0.33 -36.02	45.41 0.52 -35.75	43.91 1.05 -25.24	45.13 0.60 -35.05	42.56 0.97 -26.53	44.29 0.87 -29.85	43.67 0.64 -32.23	36.11 0.89 -20.82	35.55 1.47 -9.39	38.00 0.97 -21.68	39.82 1.06 -21.31	39.71 0.60 -29.59	41.02 0.99 -23.65	42.79 1.52 -16.61	41.25 1.61 -10.54	40.14 1.43 -12.61	38.08 0.94 -18.46
RUSSELL___STATION 23914	16.90 -0.36 -3.98	16.41 -0.37 -4.08	27.51 -0.73 -2.44	7.21 -0.08 -5.06	0.56 0.20 -5.71	0.20 0.23 -5.96	8.62 -0.13 -4.64	10.62 -0.20 -4.35	13.17 -0.29 -4.32	20.04 -0.62 -3.05	13.33 -0.38 -4.24	17.65 -0.62 -3.21	16.64 -0.54 -3.61	14.34 -0.36 -3.90	16.43 -0.49 -2.52	25.00 -0.78 -1.09	17.27 -0.53 -2.46	19.28 -0.57 -2.41	12.49 -0.35 -3.33	18.46 -0.60 -2.67	25.63 -0.90 -1.88	29.41 -0.88 -1.19	26.52 -1.00 -1.43	19.91 -0.85 -2.09
S SALMON___HYD 24043	15.20 -0.23 -2.15	14.72 -0.19 -2.21	26.86 -0.27 -1.32	4.94 -0.05 -2.76	-2.09 0.15 -3.10	-2.60 0.16 -3.23	6.54 -0.09 -2.52	8.70 -0.12 -2.36	11.32 -0.17 -2.34	18.94 -0.32 -1.65	11.55 -0.22 -2.29	16.46 -0.34 -1.74	15.27 -0.26 -1.95	12.77 -0.15 -2.11	15.54 -0.23 -1.36	25.08 -0.20 -0.59	16.48 -0.19 -1.34	18.55 -0.20 -1.31	11.16 -0.19 -1.84	17.57 -0.27 -1.45	25.35 -0.33 -1.02	29.29 -0.46 -0.65	26.49 -0.38 -0.78	19.64 -0.17 -1.13
SELKIRK___II 23799	56.00 0.74 -41.98	56.51 0.77 -43.04	53.13 1.58 -25.73	55.34 0.11 -53.01	54.41 -0.21 -59.97	56.77 -0.23 -63.00	52.96 0.15 -48.70	52.69 0.25 -45.98	55.16 0.38 -45.64	50.54 0.71 -32.22	54.57 0.35 -44.75	49.54 0.62 -33.87	52.20 0.53 -38.10	52.41 0.46 -41.14	41.54 0.56 -26.58	37.74 1.32 -11.73	42.84 0.70 -26.80	44.66 0.88 -26.34	46.39 0.33 -36.55	46.30 0.70 -29.22	46.55 1.37 -20.53	43.78 1.66 -13.02	43.19 1.51 -15.59	42.71 1.22 -22.81
SELKIRK___I 23801	55.99 0.91 -41.80	56.47 0.92 -42.85	53.31 1.88 -25.62	55.16 0.13 -52.80	54.11 -0.27 -59.73	56.43 -0.30 -62.72	52.82 0.20 -48.51	52.57 0.32 -45.79	55.08 0.50 -45.45	50.65 0.95 -32.08	54.51 0.49 -44.55	49.62 0.84 -33.72	52.25 0.74 -37.94	52.39 0.62 -40.96	41.64 0.77 -26.47	38.07 1.69 -11.68	42.98 0.93 -26.70	44.82 1.14 -26.23	46.40 0.47 -36.41	46.43 0.94 -29.10	46.87 1.77 -20.45	44.19 2.11 -12.97	43.53 1.91 -15.53	42.89 1.49 -22.72
SENECA OSWGO___HYD 24041	15.49 -0.31 -2.52	14.99 -0.30 -2.58	26.80 -0.56 -1.54	5.34 -0.06 -3.17	-1.62 0.14 -3.59	-2.05 0.16 -3.78	6.93 -0.10 -2.92	9.08 -0.14 -2.76	11.69 -0.20 -2.74	19.16 -0.38 -1.93	11.93 -0.23 -2.69	16.72 -0.37 -2.03	15.54 -0.32 -2.29	13.03 -0.24 -2.47	15.69 -0.30 -1.60	24.90 -0.48 -0.69	16.58 -0.32 -1.56	18.62 -0.36 -1.53	11.43 -0.21 -2.12	17.73 -0.35 -1.70	25.31 -0.54 -1.19	29.16 -0.70 -0.76	26.37 -0.64 -0.91	19.57 -0.43 -1.33
SENECA___ENERGY 23797	16.95 -0.48 -4.15	16.41 -0.55 -4.25	27.26 -1.10 -2.54	7.39 -0.08 -5.25	0.77 0.19 -5.93	0.45 0.22 -6.22	8.80 -0.13 -4.82	10.81 -0.19 -4.54	13.39 -0.26 -4.51	20.23 -0.56 -3.18	13.60 -0.29 -4.42	17.94 -0.46 -3.34	16.87 -0.47 -3.76	14.53 -0.34 -4.06	16.60 -0.43 -2.63	24.91 -0.92 -1.13	17.32 -0.59 -2.57	19.26 -0.70 -2.51	12.71 -0.30 -3.50	18.63 -0.55 -2.79	25.57 -1.04 -1.96	29.12 -1.22 -1.24	26.43 -1.15 -1.49	20.02 -0.83 -2.18
SHOEMAKER___GT 23640	45.91 0.45 -32.18	46.08 0.39 -32.99	46.20 0.66 -19.73	42.95 0.08 -40.64	40.33 -0.21 -45.89	41.96 -0.24 -48.18	41.53 0.15 -37.26	41.90 0.27 -35.17	44.48 0.42 -34.91	43.15 0.89 -24.65	44.22 0.52 -34.23	41.80 0.83 -25.91	43.48 0.77 -29.14	42.84 0.56 -31.47	35.50 0.77 -20.33	35.10 1.20 -9.20	37.44 0.82 -21.28	39.29 0.89 -20.94	39.12 0.52 -29.08	40.46 0.84 -23.24	42.29 1.31 -16.33	40.86 1.40 -10.36	39.69 1.20 -12.40	37.56 0.74 -18.15
SHOREHAM_IC_1 23715	47.13 0.70 -33.15	47.32 0.64 -33.98	47.37 1.24 -20.32	44.27 0.13 -41.91	41.73 -0.33 -47.41	43.40 -0.37 -49.76	42.83 0.22 -38.50	43.15 0.36 -36.32	45.79 0.60 -36.06	47.15 1.28 -28.25	51.95 0.76 -41.72	49.65 1.24 -33.36	46.83 1.14 -32.11	44.11 0.80 -32.50	36.45 1.05 -21.00	35.92 1.77 -9.46	40.64 1.16 -24.14	43.47 1.27 -24.76	41.02 0.69 -30.81	41.37 1.17 -23.81	51.84 1.99 -25.20	45.58 2.09 -14.38	43.35 1.84 -15.41	38.47 1.20 -18.59
SHOREHAM_IC_2 23716	47.13 0.70 -33.15	47.32 0.64 -33.98	47.37 1.24 -20.32	44.27 0.13 -41.91	41.73 -0.33 -47.41	43.40 -0.37 -49.76	42.83 0.22 -38.50	43.15 0.36 -36.32	45.79 0.60 -36.06	47.15 1.28 -28.25	51.95 0.76 -41.72	49.65 1.24 -33.36	46.83 1.14 -32.11	44.11 0.80 -32.50	36.45 1.05 -21.00	35.92 1.77 -9.46	40.64 1.16 -24.14	43.47 1.27 -24.76	41.02 0.69 -30.81	41.37 1.17 -23.81	51.84 1.99 -25.20	45.58 2.09 -14.38	43.35 1.84 -15.41	38.47 1.20 -18.59

SITHE___BATAVIA 24024	17.33 -0.54 -4.59	16.80 -0.61 -4.71	27.40 -1.22 -2.81	7.97 -0.09 -5.84	1.40 0.17 -6.59	1.09 0.19 -6.89	9.36 -0.10 -5.35	11.29 -0.20 -5.03	13.81 -0.32 -4.99	20.50 -0.63 -3.52	14.04 -0.32 -4.89	18.19 -0.57 -3.70	17.24 -0.49 -4.17	14.92 -0.38 -4.50	16.85 -0.46 -2.91	24.86 -1.09 -1.26	17.62 -0.57 -2.84	19.51 -0.72 -2.78	13.07 -0.28 -3.84	18.82 -0.65 -3.09	25.55 -1.27 -2.17	29.14 -1.34 -1.38	26.49 -1.25 -1.65	20.12 -0.96 -2.41
SITHE___INDEPEND 23800	14.86 -0.48 -2.06	14.34 -0.47 -2.11	26.11 -0.96 -1.26	4.71 -0.08 -2.56	-2.25 0.19 -2.91	-2.69 0.21 -3.08	6.34 -0.14 -2.37	8.49 -0.23 -2.25	11.06 -0.32 -2.24	18.57 -0.63 -1.58	11.33 -0.34 -2.19	16.16 -0.55 -1.66	14.94 -0.49 -1.87	12.43 -0.39 -2.02	15.19 -0.51 -1.30	24.33 -0.92 -0.56	16.06 -0.56 -1.28	18.05 -0.64 -1.25	10.90 -0.33 -1.72	17.18 -0.59 -1.39	24.68 -0.94 -0.97	28.59 -1.13 -0.62	25.81 -1.02 -0.74	19.01 -0.75 -1.08
SITHE___MASSENA 23902	12.78 -0.16 0.34	12.23 -0.13 0.35	25.43 -0.17 0.21	1.73 -0.03 0.47	-5.78 0.09 0.51	-6.40 0.10 0.51	3.64 -0.06 0.42	5.99 -0.09 0.37	8.63 -0.14 0.37	17.09 -0.26 0.26	8.96 -0.15 0.36	14.55 -0.23 0.27	13.07 -0.19 0.31	10.34 -0.13 0.33	14.00 -0.18 0.21	24.38 -0.23 0.09	14.95 -0.18 0.20	17.07 -0.19 0.19	9.08 -0.15 0.29	15.96 -0.21 0.22	24.24 -0.26 0.15	28.86 -0.15 0.11	25.90 -0.08 0.11	18.47 -0.03 0.17
SITHE___OGDNSBRG 24021	13.28 0.20 0.21	12.80 0.30 0.21	26.52 0.83 0.12	2.03 0.03 0.23	-5.63 -0.02 0.27	-6.30 -0.01 0.30	3.93 0.03 0.21	6.34 0.10 0.22	9.05 0.13 0.22	17.73 0.27 0.15	9.34 0.08 0.21	15.07 0.17 0.16	13.59 0.20 0.18	10.81 0.20 0.20	14.54 0.27 0.13	25.42 0.78 0.05	15.58 0.36 0.12	17.83 0.49 0.11	9.49 0.11 0.14	16.60 0.33 0.12	25.27 0.70 0.09	30.00 0.96 0.05	26.99 0.96 0.06	19.39 0.81 0.09
SITHE___STERLING 23777	14.48 0.21 -0.99	13.94 0.22 -1.01	26.95 0.53 -0.61	3.54 0.03 -1.28	-3.97 -0.05 -1.44	-4.56 -0.06 -1.48	5.33 0.04 -1.17	7.65 0.11 -1.08	10.38 0.17 -1.08	18.68 0.31 -0.76	10.66 0.13 -1.05	16.08 0.22 -0.80	14.69 0.22 -0.90	11.98 0.20 -0.97	15.29 0.26 -0.63	25.56 0.59 -0.27	16.28 0.32 -0.62	18.45 0.39 -0.62	10.54 0.15 -0.87	17.39 0.32 -0.68	25.69 0.55 -0.48	29.97 0.56 -0.30	26.99 0.53 -0.36	19.64 0.44 -0.53
SOUTH CAIRO___GT 23612	51.26 0.52 -37.46	51.62 0.52 -38.40	49.78 1.01 -22.96	49.65 0.09 -47.33	47.95 -0.23 -53.53	49.95 -0.26 -56.20	47.75 0.17 -43.47	47.73 0.25 -41.02	50.22 0.36 -40.72	47.03 0.68 -28.75	49.77 0.38 -39.92	45.86 0.59 -30.21	48.05 0.49 -33.99	47.90 0.40 -36.70	38.61 0.50 -23.71	35.99 0.80 -10.50	39.87 0.49 -24.04	41.84 0.57 -23.82	42.94 0.33 -33.09	43.38 0.56 -26.43	44.04 0.82 -18.57	41.80 0.92 -11.78	40.99 0.79 -14.10	39.87 0.56 -20.64
SOUTH HAMPTN___IC 23720	47.13 0.70 -33.15	47.32 0.64 -33.98	47.37 1.24 -20.32	44.27 0.13 -41.91	41.73 -0.33 -47.41	43.40 -0.37 -49.76	42.83 0.22 -38.50	43.15 0.36 -36.32	45.79 0.60 -36.06	47.15 1.28 -28.25	51.95 0.76 -41.72	49.65 1.24 -33.36	46.83 1.14 -32.11	44.11 0.80 -32.50	36.45 1.05 -21.00	35.92 1.77 -9.46	40.64 1.16 -24.14	43.47 1.27 -24.76	41.02 0.69 -30.81	41.37 1.17 -23.81	51.84 1.99 -25.20	45.58 2.09 -14.38	43.35 1.84 -15.41	38.47 1.20 -18.59
SOUTHOLD___IC 23719	47.13 0.70 -33.15	47.32 0.64 -33.98	47.37 1.24 -20.32	44.27 0.13 -41.91	41.73 -0.33 -47.41	43.40 -0.37 -49.76	42.83 0.22 -38.50	43.15 0.36 -36.32	45.79 0.60 -36.06	47.15 1.28 -28.25	51.95 0.76 -41.72	49.65 1.24 -33.36	46.83 1.14 -32.11	44.11 0.80 -32.50	36.45 1.05 -21.00	35.92 1.77 -9.46	40.64 1.16 -24.14	43.47 1.27 -24.76	41.02 0.69 -30.81	41.37 1.17 -23.81	51.84 1.99 -25.20	45.58 2.09 -14.38	43.35 1.84 -15.41	38.47 1.20 -18.59
ST LAWRENCE____ 23600	12.66 -0.22 0.40	12.10 -0.20 0.41	25.22 -0.35 0.24	1.66 -0.04 0.53	-5.84 0.10 0.58	-6.47 0.11 0.59	3.57 -0.07 0.47	5.91 -0.12 0.43	8.53 -0.19 0.43	16.97 -0.34 0.30	8.87 -0.18 0.42	14.45 -0.29 0.32	12.97 -0.25 0.36	10.23 -0.19 0.38	13.90 -0.25 0.25	24.17 -0.42 0.11	14.83 -0.28 0.24	16.91 -0.31 0.23	9.00 -0.18 0.33	15.83 -0.30 0.25	24.03 -0.44 0.18	28.63 -0.36 0.11	25.68 -0.28 0.13	18.27 -0.20 0.20
STATION 5_MISC_HYD 23604	16.96 -0.26 -3.94	16.42 -0.32 -4.04	27.58 -0.65 -2.42	7.17 -0.08 -5.03	0.52 0.20 -5.67	0.15 0.22 -5.92	8.61 -0.10 -4.61	10.60 -0.18 -4.32	13.27 -0.16 -4.29	20.48 -0.16 -3.03	13.59 -0.08 -4.20	18.08 -0.16 -3.18	17.02 -0.14 -3.58	14.63 -0.04 -3.87	16.66 -0.24 -2.50	25.28 -0.49 -1.08	17.38 -0.41 -2.44	19.43 -0.41 -2.39	12.55 -0.27 -3.30	18.60 -0.44 -2.65	26.05 -0.47 -1.86	30.03 -0.26 -1.18	27.08 -0.44 -1.42	20.33 -0.42 -2.07
STURGEON_POOL_HYD 23609	49.23 0.79 -35.16	49.44 0.70 -36.04	48.64 1.28 -21.55	46.76 0.13 -44.41	44.56 -0.32 -50.23	46.39 -0.37 -52.75	45.14 0.24 -40.79	45.36 0.40 -38.50	47.97 0.61 -38.22	45.84 1.25 -26.98	47.65 0.71 -37.47	44.56 1.14 -28.36	46.50 1.02 -31.90	46.02 0.77 -34.45	37.69 1.04 -22.26	36.10 1.70 -9.71	38.40 1.00 -22.06	41.06 1.11 -22.50	41.39 0.63 -31.25	42.41 1.04 -24.98	43.84 1.64 -17.54	42.01 1.78 -11.13	40.95 1.53 -13.33	39.28 1.10 -19.50
SYRACUSE___POWER 24017	16.08 -0.25 -3.04	15.58 -0.25 -3.12	27.21 -0.46 -1.87	6.03 -0.04 -3.84	-0.90 0.10 -4.35	-1.30 0.12 -4.57	7.56 -0.08 -3.53	9.69 -0.10 -3.34	12.32 -0.14 -3.31	19.66 -0.29 -2.34	12.55 -0.17 -3.25	17.22 -0.29 -2.46	16.09 -0.25 -2.77	13.61 -0.18 -2.98	16.10 -0.23 -1.93	25.14 -0.39 -0.83	16.98 -0.25 -1.89	19.01 -0.28 -1.85	11.93 -0.15 -2.57	18.17 -0.26 -2.05	25.66 -0.43 -1.44	29.44 -0.58 -0.91	26.67 -0.52 -1.09	19.91 -0.37 -1.60
Stony___Brook 24151	47.19 0.76 -33.15	47.37 0.69 -33.98	47.48 1.35 -20.32	44.28 0.14 -41.91	41.70 -0.36 -47.41	43.37 -0.40 -49.76	42.85 0.24 -38.50	43.18 0.39 -36.32	45.83 0.64 -36.06	47.23 1.36 -28.25	51.99 0.80 -41.72	49.72 1.30 -33.36	46.89 1.20 -32.11	44.17 0.87 -32.50	36.55 1.15 -21.00	36.10 1.95 -9.46	40.76 1.28 -24.14	43.60 1.40 -24.76	41.09 0.76 -30.81	41.48 1.29 -23.81	52.02 2.17 -25.20	45.77 2.29 -14.38	43.49 1.98 -15.41	38.55 1.28 -18.59
UPPER HUDSON___HYD 24058	58.20 1.12 -43.80	58.78 1.17 -44.90	55.16 2.50 -26.85	57.71 0.18 -55.30	56.83 -0.39 -62.57	59.28 -0.45 -65.72	55.23 0.30 -50.81	54.89 0.46 -47.97	57.37 0.61 -47.62	52.21 0.98 -33.62	56.56 0.40 -46.68	50.93 0.54 -35.33	53.57 0.24 -39.75	54.06 0.33 -42.92	42.43 0.30 -27.73	37.87 0.96 -12.22	43.72 0.45 -27.93	45.49 0.62 -27.42	47.76 0.19 -38.06	47.38 0.58 -30.42	47.42 1.39 -21.37	44.44 1.77 -13.56	43.94 1.62 -16.23	44.06 1.63 -23.75
UPPER RAQUET___HYD 24056	12.79 -0.43 0.06	12.29 -0.35 0.06	25.19 -0.58 0.04	2.08 -0.08 0.07	-5.20 0.24 0.09	-5.81 0.27 0.09	3.88 -0.17 0.07	6.16 -0.23 0.07	8.73 -0.34 0.07	16.93 -0.63 0.05	9.02 -0.38 0.07	14.43 -0.57 0.05	13.03 -0.49 0.06	10.39 -0.35 0.06	13.88 -0.48 0.04	24.10 -0.58 0.01	14.85 -0.46 0.03	16.97 -0.45 0.03	9.11 -0.37 0.04	15.83 -0.52 0.03	24.01 -0.63 0.02	28.48 -0.61 0.01	25.61 -0.47 0.02	18.41 -0.24 0.02
US___GYPSUM 23809	17.23 -0.76 -4.71	16.72 -0.81 -4.83	27.09 -1.61 -2.89	8.07 -0.12 -5.97	1.63 0.24 -6.74	1.34 0.27 -7.07	9.43 -0.15 -5.48	11.34 -0.28 -5.16	13.81 -0.45 -5.12	20.33 -0.89 -3.61	14.03 -0.46 -5.02	18.06 -0.79 -3.80	17.16 -0.69 -4.27	14.87 -0.55 -4.61	16.72 -0.66 -2.98	24.49 -1.49 -1.29	17.46 -0.79 -2.91	19.31 -0.99 -2.85	13.09 -0.40 -3.98	18.67 -0.88 -3.17	25.16 -1.72 -2.22	28.64 -1.88 -1.41	26.06 -1.72 -1.69	19.86 -1.29 -2.47

VISCHER___FERRY HYD 24020	57.26 1.12 -42.86	57.84 1.20 -43.94	54.60 2.51 -26.27	56.57 0.18 -54.17	55.52 -0.39 -61.26	57.88 -0.45 -64.31	54.16 0.30 -49.75	53.87 0.47 -46.95	56.39 0.65 -46.60	51.66 1.15 -32.90	55.73 0.57 -45.68	50.57 0.94 -34.58	53.23 0.76 -38.90	53.49 0.68 -42.00	42.36 0.82 -27.14	38.49 1.83 -11.97	43.69 1.00 -27.36	45.55 1.23 -26.87	47.34 0.52 -37.31	47.24 1.05 -29.81	47.47 1.88 -20.94	44.68 2.29 -13.29	44.11 2.12 -15.90	43.72 1.78 -23.27
WADING RIVER_1-3_GRP5 24038	47.15 0.72 -33.15	47.33 0.65 -33.98	47.39 1.27 -20.32	44.27 0.13 -41.91	41.72 -0.33 -47.41	43.39 -0.38 -49.76	42.83 0.22 -38.50	43.16 0.37 -36.32	45.80 0.61 -36.06	47.17 1.30 -28.25	51.96 0.77 -41.72	49.67 1.26 -33.36	46.84 1.16 -32.11	44.06 0.76 -32.50	36.32 0.92 -21.00	35.71 1.56 -9.46	40.51 1.03 -24.14	43.32 1.11 -24.76	40.94 0.61 -30.81	41.22 1.03 -23.81	51.62 1.77 -25.20	45.31 1.83 -14.38	43.29 1.78 -15.41	38.49 1.22 -18.59
WADING RIVER_IC_1 23522	47.15 0.72 -33.15	47.33 0.65 -33.98	47.39 1.27 -20.32	44.27 0.13 -41.91	41.72 -0.33 -47.41	43.39 -0.38 -49.76	42.83 0.22 -38.50	43.16 0.37 -36.32	45.80 0.61 -36.06	47.17 1.30 -28.25	51.96 0.77 -41.72	49.67 1.26 -33.36	46.84 1.16 -32.11	44.06 0.76 -32.50	36.32 0.92 -21.00	35.71 1.56 -9.46	40.51 1.03 -24.14	43.32 1.11 -24.76	40.94 0.61 -30.81	41.22 1.03 -23.81	51.62 1.77 -25.20	45.31 1.83 -14.38	43.29 1.78 -15.41	38.49 1.22 -18.59
WADING RIVER_IC_2 23547	47.15 0.72 -33.15	47.33 0.65 -33.98	47.39 1.27 -20.32	44.27 0.13 -41.91	41.72 -0.33 -47.41	43.39 -0.38 -49.76	42.83 0.22 -38.50	43.16 0.37 -36.32	45.80 0.61 -36.06	47.17 1.30 -28.25	51.96 0.77 -41.72	49.67 1.26 -33.36	46.84 1.16 -32.11	44.06 0.76 -32.50	36.32 0.92 -21.00	35.71 1.56 -9.46	40.51 1.03 -24.14	43.32 1.11 -24.76	40.94 0.61 -30.81	41.22 1.03 -23.81	51.62 1.77 -25.20	45.31 1.83 -14.38	43.29 1.78 -15.41	38.49 1.22 -18.59
WADING RIVER_IC_3 23601	47.15 0.72 -33.15	47.33 0.65 -33.98	47.39 1.27 -20.32	44.27 0.13 -41.91	41.72 -0.33 -47.41	43.39 -0.38 -49.76	42.83 0.22 -38.50	43.16 0.37 -36.32	45.80 0.61 -36.06	47.17 1.31 -28.25	51.96 0.77 -41.72	49.67 1.26 -33.36	46.84 1.16 -32.11	44.12 0.82 -32.50	36.47 1.07 -21.00	35.95 1.80 -9.46	40.66 1.18 -24.14	43.49 1.29 -24.76	41.03 0.70 -30.81	41.38 1.19 -23.81	51.87 2.01 -25.20	45.60 2.12 -14.38	43.38 1.87 -15.41	38.49 1.22 -18.59
WALDEN___HYDRO 24148	46.72 0.64 -32.80	46.88 0.56 -33.62	46.90 0.98 -20.10	43.75 0.10 -41.42	41.22 -0.27 -46.84	42.89 -0.30 -49.19	42.34 0.20 -38.03	42.71 0.34 -35.90	45.32 0.54 -35.64	43.89 1.12 -25.16	45.05 0.64 -34.94	42.54 1.04 -26.44	44.26 0.94 -29.75	43.63 0.70 -32.12	36.11 0.95 -20.76	35.61 1.56 -9.35	37.96 1.03 -21.59	39.99 1.14 -21.40	39.87 0.64 -29.71	41.20 1.07 -23.75	43.02 1.68 -16.68	41.50 1.81 -10.58	40.32 1.56 -12.67	38.21 0.99 -18.55
WATERSIDE___6 8 9 23538	47.45 1.02 -33.15	47.58 0.90 -33.98	47.70 1.58 -20.32	44.29 0.16 -41.90	41.65 -0.41 -47.42	43.33 -0.46 -49.77	42.92 0.30 -38.51	43.32 0.53 -36.33	46.04 0.83 -36.07	44.82 1.74 -25.46	45.84 1.01 -35.36	43.45 1.64 -26.76	45.18 1.50 -30.11	44.44 1.13 -32.50	36.93 1.53 -21.00	36.67 2.52 -9.46	38.80 1.63 -21.84	40.71 1.80 -21.46	40.30 1.00 -29.79	41.85 1.65 -23.81	44.11 2.72 -16.73	42.68 2.96 -10.61	41.36 2.56 -12.70	38.96 1.69 -18.59
WATERTOWN___HYD 23805	14.31 -0.16 -1.19	13.86 -0.06 -1.22	26.65 0.11 -0.73	3.69 -0.04 -1.51	-3.47 0.18 -1.71	-4.00 0.20 -1.79	5.38 -0.12 -1.39	7.68 -0.09 -1.31	10.32 -0.12 -1.30	18.30 -0.23 -0.92	10.53 -0.22 -1.27	15.72 -0.30 -0.96	14.45 -0.21 -1.08	11.92 -0.05 -1.17	15.00 -0.16 -0.76	25.22 0.20 -0.33	16.05 -0.04 -0.75	18.22 0.04 -0.73	10.35 -0.18 -1.02	17.06 -0.14 -0.81	25.28 0.05 -0.57	29.40 -0.06 -0.36	26.57 0.04 -0.43	19.54 0.23 -0.63
WEST BABYLON___IC 23714	47.41 0.98 -33.15	47.54 0.86 -33.98	47.67 1.55 -20.32	44.29 0.16 -41.91	41.66 -0.39 -47.41	43.33 -0.44 -49.76	42.90 0.28 -38.50	43.27 0.49 -36.32	45.96 0.77 -36.06	47.47 1.61 -28.25	52.10 0.91 -41.72	49.91 1.50 -33.36	47.05 1.36 -32.11	44.30 1.00 -32.50	36.76 1.36 -21.00	36.35 2.20 -9.46	40.92 1.44 -24.14	43.80 1.59 -24.76	41.22 0.89 -30.81	41.67 1.47 -23.81	52.24 2.39 -25.20	46.10 2.61 -14.38	43.79 2.28 -15.41	38.80 1.53 -18.59
WEST CANADA___HYD 24049	12.61 0.12 0.79	12.01 0.11 0.81	25.54 0.22 0.48	1.28 0.02 0.97	-6.50 -0.05 1.10	-7.23 -0.06 1.18	3.26 0.04 0.89	5.66 0.06 0.86	8.37 0.08 0.85	17.16 0.15 0.60	8.72 0.08 0.84	14.56 0.14 0.63	12.97 0.11 0.71	10.12 0.09 0.77	14.01 0.11 0.50	24.67 0.19 0.21	15.00 0.13 0.47	17.14 0.14 0.45	8.97 0.08 0.62	16.02 0.13 0.50	24.51 0.21 0.35	29.10 0.22 0.22	26.02 0.19 0.27	18.42 0.14 0.39
WESTERN_NY_WIND 24143	17.38 -0.54 -4.65	16.86 -0.61 -4.76	27.44 -1.22 -2.85	8.03 -0.09 -5.90	1.48 0.17 -6.66	1.17 0.19 -6.97	9.42 -0.10 -5.41	11.35 -0.20 -5.09	13.87 -0.32 -5.05	20.55 -0.63 -3.57	14.10 -0.32 -4.95	18.23 -0.57 -3.75	17.30 -0.49 -4.22	14.97 -0.38 -4.55	16.88 -0.46 -2.94	24.87 -1.09 -1.27	17.65 -0.57 -2.88	19.54 -0.72 -2.82	13.16 -0.28 -3.93	18.86 -0.65 -3.13	25.58 -1.27 -2.20	29.16 -1.34 -1.39	26.51 -1.25 -1.67	20.16 -0.96 -2.44
YORK___WARBASSE 23770	47.50 1.07 -33.15	47.62 0.94 -33.98	47.79 1.66 -20.32	44.30 0.17 -41.90	41.63 -0.43 -47.42	43.30 -0.48 -49.77	42.94 0.32 -38.51	43.34 0.55 -36.33	46.07 0.87 -36.07	44.88 1.81 -25.46	45.87 1.04 -35.36	43.52 1.70 -26.76	45.24 1.56 -30.11	44.48 1.17 -32.50	37.00 1.59 -21.00	36.80 2.64 -9.46	38.88 1.71 -21.84	40.80 1.89 -21.46	40.34 1.04 -29.79	41.93 1.73 -23.81	44.24 2.85 -16.73	42.84 3.12 -10.61	41.50 2.70 -12.70	39.05 1.78 -18.59