

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

04/09/2007

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	78.80	77.97	74.48	74.36	73.25	84.44	98.41	96.23	105.10	135.47	138.19	136.26	111.27	105.90	98.77	99.88	99.79	102.26	99.17	110.00	121.43	105.02	90.29	89.12
24138	3.36	3.10	2.77	2.62	2.86	3.91	4.61	5.82	5.98	7.08	7.01	7.09	6.13	6.08	6.47	6.17	5.27	5.24	5.50	5.74	7.15	5.69	3.74	3.06
	-39.74	-41.21	-40.88	-42.32	-38.91	-38.04	-48.59	-41.51	-48.87	-68.42	-72.75	-70.12	-54.44	-47.42	-36.57	-41.01	-50.21	-52.28	-46.64	-56.00	-54.74	-51.11	-55.09	-54.88
74TH STREET_GT_1	78.87	78.01	74.52	74.43	73.29	84.52	98.51	96.33	107.91	155.70	159.67	157.97	117.61	109.27	98.92	99.99	99.88	102.35	99.26	110.10	121.55	105.12	90.36	89.19
24260	3.43	3.13	2.81	2.68	2.90	3.99	4.70	5.92	6.08	7.20	7.13	7.20	6.24	6.18	6.58	6.27	5.36	5.32	5.60	5.84	7.27	5.79	3.81	3.12
	-39.74	-41.21	-40.88	-42.32	-38.91	-38.04	-48.60	-41.51	-51.58	-88.54	-94.11	-91.72	-60.68	-50.68	-36.61	-41.01	-50.21	-52.28	-46.65	-56.00	-54.74	-51.12	-55.09	-54.89
74TH STREET_GT_2	78.87	78.01	74.52	74.43	73.29	84.52	98.51	96.33	107.91	155.70	159.67	157.97	117.61	109.27	98.92	99.99	99.88	102.35	99.26	110.10	121.55	105.12	90.36	89.19
24261	3.43	3.13	2.81	2.68	2.90	3.99	4.70	5.92	6.08	7.20	7.13	7.20	6.24	6.18	6.58	6.27	5.36	5.32	5.60	5.84	7.27	5.79	3.81	3.12
	-39.74	-41.21	-40.88	-42.32	-38.91	-38.04	-48.60	-41.51	-51.58	-88.54	-94.11	-91.72	-60.68	-50.68	-36.61	-41.01	-50.21	-52.28	-46.65	-56.00	-54.74	-51.12	-55.09	-54.89
ADK HUDSON___FALLS	89.05	88.80	85.35	85.73	83.64	94.51	111.09	105.46	111.00	109.72	110.77	107.77	109.83	108.55	104.57	106.93	109.72	112.97	108.42	121.26	132.03	115.40	102.36	101.84
24011	2.32	2.22	2.03	1.97	2.20	3.19	3.80	4.30	4.62	3.78	3.39	3.54	3.09	2.99	2.90	2.64	2.26	2.46	2.73	2.56	3.63	2.89	1.60	1.62
	-51.02	-52.91	-52.48	-54.34	-49.96	-48.84	-62.09	-52.26	-56.13	-45.98	-48.95	-45.18	-56.05	-53.16	-45.94	-51.59	-63.16	-65.76	-58.67	-70.44	-68.85	-64.29	-69.30	-69.04
ADK RESOURCE___RCVRY	89.05	88.80	85.35	85.73	83.64	94.51	111.09	105.46	111.00	109.72	110.77	107.77	109.83	108.55	104.57	106.93	109.72	112.97	108.42	121.26	132.03	115.40	102.36	101.84
23798	2.32	2.22	2.03	1.97	2.20	3.19	3.80	4.30	4.62	3.78	3.39	3.54	3.09	2.99	2.90	2.64	2.26	2.46	2.73	2.56	3.63	2.89	1.60	1.62
	-51.02	-52.91	-52.48	-54.34	-49.96	-48.84	-62.09	-52.26	-56.13	-45.98	-48.95	-45.18	-56.05	-53.16	-45.94	-51.59	-63.16	-65.76	-58.67	-70.44	-68.85	-64.29	-69.30	-69.04
ADK S GLENS___FALLS	89.05	88.80	85.35	85.73	83.64	94.51	111.09	105.46	111.00	109.72	110.77	107.77	109.83	108.55	104.57	106.93	109.72	112.97	108.42	121.26	132.03	115.40	102.36	101.84
24028	2.32	2.22	2.03	1.97	2.20	3.19	3.80	4.30	4.62	3.78	3.39	3.54	3.09	2.99	2.90	2.64	2.26	2.46	2.73	2.56	3.63	2.89	1.60	1.62
	-51.02	-52.91	-52.48	-54.34	-49.96	-48.84	-62.09	-52.26	-56.13	-45.98	-48.95	-45.18	-56.05	-53.16	-45.94	-51.59	-63.16	-65.76	-58.67	-70.44	-68.85	-64.29	-69.30	-69.04
ADK_NYS___DAM	87.38	86.95	83.58	83.91	81.78	92.29	108.32	103.32	108.66	108.48	109.62	106.67	108.65	107.39	103.60	105.95	108.62	111.74	107.18	119.95	130.42	114.13	101.27	100.60
23527	1.79	1.55	1.42	1.35	1.45	2.04	2.40	2.89	3.07	3.18	2.92	3.07	2.69	2.57	2.56	2.37	2.04	2.15	2.30	2.22	2.98	2.51	1.48	1.34
	-49.89	-51.74	-51.32	-53.14	-48.85	-47.76	-60.72	-51.53	-55.35	-45.34	-48.27	-44.55	-55.27	-52.42	-45.30	-50.87	-62.28	-64.85	-57.86	-69.46	-67.90	-63.40	-68.34	-68.08
AIR_PRODUCTS___DRP	86.54	86.25	82.96	83.32	81.19	91.47	107.33	102.17	107.37	107.42	108.62	105.61	107.71	106.44	102.76	105.16	107.87	110.88	106.28	119.01	129.24	113.18	100.61	99.88
24190	1.00	0.91	0.86	0.82	0.91	1.27	1.49	2.00	2.06	2.34	2.16	2.24	2.03	1.89	1.95	1.84	1.59	1.61	1.69	1.64	2.14	1.88	1.16	0.97
	-49.84	-51.68	-51.26	-53.07	-48.80	-47.70	-60.63	-51.27	-55.06	-45.11	-48.02	-44.32	-54.99	-52.15	-45.07	-50.61	-61.97	-64.52	-57.56	-69.11	-67.55	-63.08	-67.99	-67.73
ALBANY___1	86.54	86.25	82.96	83.32	81.19	91.47	107.33	102.17	107.37	107.42	108.62	105.61	107.71	106.44	102.76	105.16	107.87	110.88	106.28	119.01	129.24	113.18	100.61	99.88
23571	1.00	0.91	0.86	0.82	0.91	1.27	1.49	2.00	2.06	2.34	2.16	2.24	2.03	1.89	1.95	1.84	1.59	1.61	1.69	1.64	2.14	1.88	1.16	0.97
	-49.84	-51.68	-51.26	-53.07	-48.80	-47.70	-60.63	-51.27	-55.06	-45.11	-48.02	-44.32	-54.99	-52.15	-45.07	-50.61	-61.97	-64.52	-57.56	-69.11	-67.55	-63.08	-67.99	-67.73
ALBANY___2	86.54	86.25	82.96	83.32	81.19	91.47	107.33	102.17	107.37	107.42	108.62	105.61	107.71	106.44	102.76	105.16	107.87	110.88	106.28	119.01	129.24	113.18	100.61	99.88
23572	1.00	0.91	0.86	0.82	0.91	1.27	1.49	2.00	2.06	2.34	2.16	2.24	2.03	1.89	1.95	1.84	1.59	1.61	1.69	1.64	2.14	1.88	1.16	0.97
	-49.84	-51.68	-51.26	-53.07	-48.80	-47.70	-60.63	-51.27	-55.06	-45.11	-48.02	-44.32	-54.99	-52.15	-45.07	-50.61	-61.97	-64.52	-57.56	-69.11	-67.55	-63.08	-67.99	-67.73
ALBANY___3	86.54	86.25	82.96	83.32	81.19	91.47	107.33	102.17	107.37	107.42	108.62	105.61	107.71	106.44	102.76	105.16	107.87	110.88	106.28	119.01	129.24	113.18	100.61	99.88
23573	1.00	0.91	0.86	0.82	0.91	1.27	1.49	2.00	2.06	2.34	2.16	2.24	2.03	1.89	1.95	1.84	1.59	1.61	1.69	1.64	2.14	1.88	1.16	0.97
	-49.84	-51.68	-51.26	-53.07	-48.80	-47.70	-60.63	-51.27	-55.06	-45.11	-48.02	-44.32	-54.99	-52.15	-45.07	-50.61	-61.97	-64.52	-57.56	-69.11	-67.55	-63.08	-67.99	-67.73
ALBANY___4	86.54	86.25	82.96	83.32	81.19	91.47	107.33	102.17	107.37	107.42	108.62	105.61	107.71	106.44	102.76	105.16	107.87	110.88	106.28	119.01	129.24	113.18	100.61	99.88
23574	1.00	0.91	0.86	0.82	0.91	1.27	1.49	2.00	2.06	2.34	2.16	2.24	2.03	1.89	1.95	1.84	1.59	1.61	1.69	1.64	2.14	1.88	1.16	0.97
	-49.84	-51.68	-51.26	-53.07	-48.80	-47.70	-60.63	-51.27	-55.06	-45.11	-48.02	-44.32	-54.99	-52.15	-45.07	-50.61	-61.97	-64.52	-57.56	-69.11	-67.55	-63.08	-67.99	-67.73

ALCOA_RYNLDS___DRP 24188	35.13 -0.57 0.00	33.43 -0.24 0.00	30.31 -0.52 0.00	28.92 -0.50 0.00	30.91 -0.57 0.00	41.43 -1.06 0.00	44.03 -1.18 0.00	46.30 -1.86 0.74	47.70 -1.76 0.80	57.81 -1.50 0.66	56.21 -1.52 0.70	56.69 -1.71 0.65	48.06 -1.82 0.81	50.33 -1.31 0.76	53.57 -1.50 0.66	50.59 -1.37 0.74	42.16 -1.24 0.91	42.59 -1.21 0.95	45.05 -1.13 0.84	46.33 -0.92 1.01	57.31 -1.25 0.99	45.75 -1.54 0.92	29.42 -1.04 1.00	29.63 -0.56 0.99
ALLEGHENY___COGEN 23514	41.40 -1.29 -6.98	39.29 -1.62 -7.24	36.87 -1.14 -7.18	35.83 -1.03 -7.43	37.21 -1.10 -6.83	47.98 -1.19 -6.68	54.49 -1.22 -10.51	59.27 0.73 -9.63	61.45 0.85 -10.35	68.30 0.06 -8.27	67.30 0.06 -8.80	67.47 0.30 -8.13	61.49 0.71 -10.08	61.91 -0.05 -9.56	64.17 0.17 -8.26	62.04 0.05 -9.28	55.75 0.09 -11.36	56.49 -0.09 -11.83	57.53 -0.05 -10.55	60.40 -0.53 -12.67	71.88 -0.06 -12.38	60.12 0.34 -11.57	44.05 0.13 -12.47	42.63 -0.97 -12.42
AMERICAN_REF_FUEL 24010	38.06 -3.86 -6.21	36.24 -3.87 -6.44	34.17 -3.05 -6.39	33.15 -2.88 -6.61	34.44 -3.12 -6.08	44.02 -4.42 -5.94	48.99 -5.83 -9.61	53.77 -4.01 -8.88	56.02 -3.77 -9.54	61.56 -6.06 -7.65	60.73 -5.84 -8.14	60.78 -5.79 -7.51	55.71 -4.31 -9.32	56.32 -4.93 -8.84	58.75 -4.63 -7.64	56.65 -4.64 -8.58	51.18 -3.63 -10.51	51.88 -3.80 -10.94	52.64 -4.14 -9.76	54.62 -5.36 -11.72	64.87 -6.13 -11.45	54.76 -4.15 -10.69	40.59 -2.39 -11.53	39.20 -3.46 -11.48
ARTHUR_KILL_GT_1 23520	78.85 3.39 -39.75	77.98 3.10 -41.22	74.59 2.87 -40.89	74.49 2.74 -42.33	73.30 2.90 -38.92	84.57 4.04 -38.04	98.60 4.79 -48.60	96.23 5.82 -41.51	146.63 6.58 -89.80	156.30 7.80 -88.54	160.20 7.65 -94.11	158.56 7.79 -91.72	118.06 6.69 -60.68	113.32 6.50 -54.42	109.69 6.80 -47.16	99.94 6.22 -41.01	99.83 5.32 -50.21	102.78 5.46 -52.58	104.77 5.78 -51.96	110.54 6.27 -56.01	122.15 7.86 -54.74	109.65 6.03 -55.41	90.71 4.15 -55.10	89.45 3.37 -54.90
ARTHUR_KILL_2 23512	78.85 3.39 -39.75	77.98 3.10 -41.22	74.59 2.87 -40.89	74.49 2.74 -42.33	73.30 2.90 -38.92	84.57 4.04 -38.04	98.60 4.79 -48.60	96.23 5.82 -41.51	146.63 6.58 -89.80	156.30 7.80 -88.54	160.20 7.65 -94.11	158.50 7.74 -91.72	118.06 6.69 -60.68	113.32 6.50 -54.42	109.69 6.80 -47.16	99.94 6.22 -41.01	99.83 5.32 -50.21	102.78 5.46 -52.58	104.77 5.78 -51.96	110.54 6.27 -56.01	122.15 7.86 -54.74	109.65 6.03 -55.41	90.71 4.15 -55.10	89.45 3.37 -54.90
ARTHUR_KILL_3 23513	78.73 3.28 -39.74	77.87 3.00 -41.21	74.39 2.68 -40.88	74.28 2.53 -42.32	73.16 2.77 -38.91	84.35 3.82 -38.04	98.29 4.48 -48.60	96.13 5.72 -41.51	145.88 5.83 -89.80	155.35 6.84 -88.55	159.39 6.84 -94.12	157.62 6.85 -91.72	117.36 5.98 -60.69	112.75 5.92 -54.42	109.20 6.30 -47.17	99.79 6.06 -41.02	99.66 5.14 -50.22	102.43 5.10 -52.58	104.35 5.36 -51.97	109.87 5.60 -56.01	121.27 6.97 -54.75	109.23 5.59 -55.42	90.24 3.68 -55.11	89.05 2.96 -54.91
ASHOKAN____ 23654	81.37 2.86 -42.81	80.65 2.59 -44.39	77.18 2.31 -44.04	77.22 2.21 -45.59	75.79 2.39 -41.92	86.87 3.40 -40.98	101.48 4.02 -52.25	98.54 5.13 -44.50	103.28 5.23 -47.80	105.44 6.30 -39.18	106.40 6.25 -41.71	103.86 6.32 -38.50	103.98 5.53 -47.76	103.10 5.40 -45.30	100.62 5.74 -39.15	102.15 5.48 -43.96	102.78 4.65 -53.82	105.48 4.70 -56.04	101.96 4.94 -50.00	113.35 5.07 -60.03	124.65 6.43 -58.67	108.21 5.21 -54.79	93.90 3.40 -59.05	92.66 2.65 -58.83
ASTORIA_EAST_ENERGY_CC1 323581	79.13 3.68 -39.75	78.32 3.43 -41.22	74.77 3.05 -40.89	74.64 2.88 -42.33	73.55 3.15 -38.92	84.82 4.29 -38.04	98.42 4.61 -48.60	95.93 5.53 -41.50	100.46 5.73 -44.48	105.16 6.78 -38.41	106.04 6.72 -40.89	103.75 6.79 -37.91	101.65 5.83 -45.13	100.72 5.76 -42.56	98.39 6.13 -36.52	99.56 5.85 -41.01	99.52 5.01 -50.21	101.94 4.92 -52.27	98.83 5.17 -46.64	109.76 5.50 -56.00	121.07 6.79 -54.73	104.73 5.40 -51.12	90.21 3.65 -55.10	89.35 3.27 -54.90
ASTORIA_EAST_ENERGY_CC2 323582	79.13 3.68 -39.75	78.32 3.43 -41.22	74.77 3.05 -40.89	74.64 2.88 -42.33	73.52 3.12 -38.92	84.78 4.25 -38.04	98.42 4.61 -48.60	95.98 5.57 -41.50	100.46 5.73 -44.48	105.16 6.78 -38.41	106.04 6.72 -40.89	103.75 6.79 -37.91	101.65 5.83 -45.13	100.72 5.76 -42.56	98.39 6.13 -36.52	99.56 5.85 -41.01	99.56 5.05 -50.21	101.94 4.92 -52.27	98.83 5.17 -46.64	109.76 5.50 -56.00	121.13 6.85 -54.73	104.73 5.40 -51.12	90.21 3.65 -55.10	89.35 3.27 -54.90
ASTORIA_GT2_1 24094	79.13 3.68 -39.75	78.32 3.43 -41.22	74.77 3.05 -40.89	74.67 2.91 -42.33	73.55 3.15 -38.92	84.82 4.29 -38.04	98.42 4.61 -48.60	95.98 5.57 -41.50	100.46 5.73 -44.48	105.16 6.78 -38.41	106.04 6.72 -40.89	103.75 6.79 -37.91	101.71 5.88 -45.13	100.78 5.82 -42.56	98.44 6.19 -36.52	99.56 5.85 -41.01	99.56 5.05 -50.21	101.99 4.97 -52.27	98.88 5.22 -46.64	109.81 5.55 -56.00	121.13 6.85 -54.73	104.78 5.45 -51.12	90.21 3.65 -55.10	89.35 3.27 -54.90
ASTORIA_GT2_2 24095	79.13 3.68 -39.75	78.32 3.43 -41.22	74.77 3.05 -40.89	74.67 2.91 -42.33	73.55 3.15 -38.92	84.82 4.29 -38.04	98.42 4.61 -48.60	95.98 5.57 -41.50	100.46 5.73 -44.48	105.16 6.78 -38.41	106.04 6.72 -40.89	103.75 6.79 -37.91	101.71 5.88 -45.13	100.78 5.82 -42.56	98.44 6.19 -36.52	99.56 5.85 -41.01	99.56 5.05 -50.21	101.99 4.97 -52.27	98.88 5.22 -46.64	109.81 5.55 -56.00	121.13 6.85 -54.73	104.78 5.45 -51.12	90.21 3.65 -55.10	89.35 3.27 -54.90
ASTORIA_GT2_3 24096	79.13 3.68 -39.75	78.32 3.43 -41.22	74.77 3.05 -40.89	74.67 2.91 -42.33	73.55 3.15 -38.92	84.82 4.29 -38.04	98.42 4.61 -48.60	95.98 5.57 -41.50	100.46 5.73 -44.48	105.16 6.78 -38.41	106.04 6.72 -40.89	103.75 6.79 -37.91	101.71 5.88 -45.13	100.78 5.82 -42.56	98.44 6.19 -36.52	99.56 5.85 -41.01	99.56 5.05 -50.21	101.99 4.97 -52.27	98.88 5.22 -46.64	109.81 5.55 -56.00	121.13 6.85 -54.73	104.78 5.45 -51.12	90.21 3.65 -55.10	89.35 3.27 -54.90
ASTORIA_GT2_4 24097	79.13 3.68 -39.75	78.32 3.43 -41.22	74.77 3.05 -40.89	74.67 2.91 -42.33	73.55 3.15 -38.92	84.82 4.29 -38.04	98.42 4.61 -48.60	95.98 5.57 -41.50	100.46 5.73 -44.48	105.16 6.78 -38.41	106.04 6.72 -40.89	103.75 6.79 -37.91	101.71 5.88 -45.13	100.78 5.82 -42.56	98.44 6.19 -36.52	99.56 5.85 -41.01	99.56 5.05 -50.21	101.99 4.97 -52.27	98.88 5.22 -46.64	109.81 5.55 -56.00	121.13 6.85 -54.73	104.78 5.45 -51.12	90.21 3.65 -55.10	89.35 3.27 -54.90
ASTORIA_GT3_1 24098	79.13 3.68 -39.75	78.32 3.43 -41.22	74.77 3.05 -40.89	74.67 2.91 -42.33	73.55 3.15 -38.92	84.82 4.29 -38.04	98.42 4.61 -48.60	95.98 5.57 -41.50	100.46 5.73 -44.48	105.16 6.78 -38.41	106.04 6.72 -40.89	103.75 6.79 -37.91	101.71 5.88 -45.13	100.78 5.82 -42.56	98.44 6.19 -36.52	99.56 5.85 -41.01	99.56 5.05 -50.21	101.99 4.97 -52.27	98.88 5.22 -46.64	109.81 5.55 -56.00	121.13 6.85 -54.73	104.78 5.45 -51.12	90.21 3.65 -55.10	89.35 3.27 -54.90
ASTORIA_GT3_2 24099	79.13 3.68 -39.75	78.32 3.43 -41.22	74.77 3.05 -40.89	74.67 2.91 -42.33	73.55 3.15 -38.92	84.82 4.29 -38.04	98.42 4.61 -48.60	95.98 5.57 -41.50	100.46 5.73 -44.48	105.16 6.78 -38.41	106.04 6.72 -40.89	103.75 6.79 -37.91	101.71 5.88 -45.13	100.78 5.82 -42.56	98.44 6.19 -36.52	99.56 5.85 -41.01	99.56 5.05 -50.21	101.99 4.97 -52.27	98.88 5.22 -46.64	109.81 5.55 -56.00	121.13 6.85 -54.73	104.78 5.45 -51.12	90.21 3.65 -55.10	89.35 3.27 -54.90
ASTORIA_GT3_3 24100	79.13 3.68 -39.75	78.32 3.43 -41.22	74.77 3.05 -40.89	74.67 2.91 -42.33	73.55 3.15 -38.92	84.82 4.29 -38.04	98.42 4.61 -48.60	95.98 5.57 -41.50	100.46 5.73 -44.48	105.16 6.78 -38.41	106.04 6.72 -40.89	103.75 6.79 -37.91	101.71 5.88 -45.13	100.78 5.82 -42.56	98.44 6.19 -36.52	99.56 5.85 -41.01	99.56 5.05 -50.21	101.99 4.97 -52.27	98.88 5.22 -46.64	109.81 5.55 -56.00	121.13 6.85 -54.73	104.78 5.45 -51.12	90.21 3.65 -55.10	89.35 3.27 -54.90

ASTORIA_GT3_4 24101	79.13 3.68 -39.75	78.32 3.43 -41.22	74.77 3.05 -40.89	74.67 2.91 -42.33	73.55 3.15 -38.92	84.82 4.29 -38.04	98.42 4.61 -48.60	95.98 5.57 -41.50	100.46 5.73 -44.48	105.16 6.78 -38.41	106.04 6.72 -40.89	103.75 6.79 -37.91	101.71 5.88 -45.13	100.78 5.82 -42.56	98.44 6.19 -36.52	99.56 5.85 -41.01	99.56 5.05 -50.21	101.99 4.97 -52.27	98.88 5.22 -46.64	109.81 5.55 -56.00	121.13 6.85 -54.73	104.78 5.45 -51.12	90.21 3.65 -55.10	89.35 3.27 -54.90
ASTORIA_GT4_1 24102	79.13 3.68 -39.75	78.32 3.43 -41.22	74.77 3.05 -40.89	74.67 2.91 -42.33	73.55 3.15 -38.92	84.82 4.29 -38.04	98.42 4.61 -48.60	95.98 5.57 -41.50	100.46 5.73 -44.48	105.16 6.78 -38.41	106.04 6.72 -40.89	103.75 6.79 -37.91	101.71 5.88 -45.13	100.78 5.82 -42.56	98.44 6.19 -36.52	99.56 5.85 -41.01	99.56 5.05 -50.21	101.99 4.97 -52.27	98.88 5.22 -46.64	109.81 5.55 -56.00	121.13 6.85 -54.73	104.78 5.45 -51.12	90.21 3.65 -55.10	89.35 3.27 -54.90
ASTORIA_GT4_2 24103	79.13 3.68 -39.75	78.32 3.43 -41.22	74.77 3.05 -40.89	74.67 2.91 -42.33	73.55 3.15 -38.92	84.82 4.29 -38.04	98.42 4.61 -48.60	95.98 5.57 -41.50	100.46 5.73 -44.48	105.16 6.78 -38.41	106.04 6.72 -40.89	103.75 6.79 -37.91	101.71 5.88 -45.13	100.78 5.82 -42.56	98.44 6.19 -36.52	99.56 5.85 -41.01	99.56 5.05 -50.21	101.99 4.97 -52.27	98.88 5.22 -46.64	109.81 5.55 -56.00	121.13 6.85 -54.73	104.78 5.45 -51.12	90.21 3.65 -55.10	89.35 3.27 -54.90
ASTORIA_GT4_3 24104	79.13 3.68 -39.75	78.32 3.43 -41.22	74.77 3.05 -40.89	74.67 2.91 -42.33	73.55 3.15 -38.92	84.82 4.29 -38.04	98.42 4.61 -48.60	95.98 5.57 -41.50	100.46 5.73 -44.48	105.16 6.78 -38.41	106.04 6.72 -40.89	103.75 6.79 -37.91	101.71 5.88 -45.13	100.78 5.82 -42.56	98.44 6.19 -36.52	99.56 5.85 -41.01	99.56 5.05 -50.21	101.99 4.97 -52.27	98.88 5.22 -46.64	109.81 5.55 -56.00	121.13 6.85 -54.73	104.78 5.45 -51.12	90.21 3.65 -55.10	89.35 3.27 -54.90
ASTORIA_GT4_4 24105	79.13 3.68 -39.75	78.32 3.43 -41.22	74.77 3.05 -40.89	74.67 2.91 -42.33	73.55 3.15 -38.92	84.82 4.29 -38.04	98.42 4.61 -48.60	95.98 5.57 -41.50	100.46 5.73 -44.48	105.16 6.78 -38.41	106.04 6.72 -40.89	103.75 6.79 -37.91	101.71 5.88 -45.13	100.78 5.82 -42.56	98.44 6.19 -36.52	99.56 5.85 -41.01	99.56 5.05 -50.21	101.99 4.97 -52.27	98.88 5.22 -46.64	109.81 5.55 -56.00	121.13 6.85 -54.73	104.78 5.45 -51.12	90.21 3.65 -55.10	89.35 3.27 -54.90
ASTORIA_GT_1 23523	79.03 3.57 -39.75	78.15 3.27 -41.22	74.65 2.93 -40.89	74.55 2.80 -42.33	73.45 3.05 -38.92	84.69 4.16 -38.04	98.60 4.79 -48.60	96.43 6.01 -41.51	146.26 6.23 -89.78	155.88 7.38 -88.54	159.79 7.25 -94.11	158.15 7.38 -91.72	117.76 6.39 -60.68	109.38 6.29 -50.68	99.03 6.69 -36.61	100.10 6.38 -41.01	99.97 5.45 -50.21	102.49 5.46 -52.28	99.36 5.69 -46.65	110.25 5.98 -56.00	121.67 7.38 -54.74	105.21 5.88 -51.12	90.46 3.90 -55.10	89.29 3.21 -54.90
ASTORIA_GT_10 24110	79.03 3.57 -39.75	78.15 3.27 -41.22	74.65 2.93 -40.89	74.55 2.80 -42.33	73.45 3.05 -38.92	84.69 4.16 -38.04	98.60 4.79 -48.60	96.43 6.01 -41.51	146.26 6.23 -89.78	155.88 7.38 -88.54	159.79 7.25 -94.11	158.15 7.38 -91.72	117.76 6.39 -60.68	109.38 6.29 -50.68	99.03 6.69 -36.61	100.10 6.38 -41.01	99.97 5.45 -50.21	102.49 5						















GOWANUS_GT1_1 24077	79.06 3.61 -39.75	78.19 3.30 -41.22	74.74 3.02 -40.89	74.64 2.88 -42.33	73.49 3.09 -38.92	84.78 4.25 -38.04	98.82 5.02 -48.60	96.57 6.16 -41.51	146.53 6.48 -89.80	156.18 7.68 -88.54	160.14 7.60 -94.11	158.44 7.68 -91.72	118.01 6.64 -60.68	113.32 6.50 -54.42	109.81 6.91 -47.16	100.20 6.48 -41.01	100.10 5.58 -50.21	102.96 5.64 -52.58	104.96 5.97 -51.96	110.54 6.27 -56.01	122.09 7.80 -54.74	109.80 6.17 -55.41	90.68 4.12 -55.10	89.48 3.40 -54.90
GOWANUS_GT1_2 24078	79.06 3.61 -39.75	78.19 3.30 -41.22	74.74 3.02 -40.89	74.64 2.88 -42.33	73.49 3.09 -38.92	84.78 4.25 -38.04	98.82 5.02 -48.60	96.57 6.16 -41.51	146.53 6.48 -89.80	156.18 7.68 -88.54	160.14 7.60 -94.11	158.44 7.68 -91.72	118.01 6.64 -60.68	113.32 6.50 -54.42	109.81 6.91 -47.16	100.20 6.48 -41.01	100.10 5.58 -50.21	102.96 5.64 -52.58	104.96 5.97 -51.96	110.54 6.27 -56.01	122.09 7.80 -54.74	109.80 6.17 -55.41	90.68 4.12 -55.10	89.48 3.40 -54.90
GOWANUS_GT1_3 24079	79.06 3.61 -39.75	78.19 3.30 -41.22	74.74 3.02 -40.89	74.64 2.88 -42.33	73.49 3.09 -38.92	84.78 4.25 -38.04	98.82 5.02 -48.60	96.57 6.16 -41.51	146.53 6.48 -89.80	156.18 7.68 -88.54	160.14 7.60 -94.11	158.44 7.68 -91.72	118.01 6.64 -60.68	113.32 6.50 -54.42	109.81 6.91 -47.16	100.20 6.48 -41.01	100.10 5.58 -50.21	102.96 5.64 -52.58	104.96 5.97 -51.96	110.54 6.27 -56.01	122.09 7.80 -54.74	109.80 6.17 -55.41	90.68 4.12 -55.10	89.48 3.40 -54.90
GOWANUS_GT1_4 24080	79.06 3.61 -39.75	78.19 3.30 -41.22	74.74 3.02 -40.89	74.64 2.88 -42.33	73.49 3.09 -38.92	84.78 4.25 -38.04	98.82 5.02 -48.60	96.57 6.16 -41.51	146.53 6.48 -89.80	156.18 7.68 -88.54	160.14 7.60 -94.11	158.44 7.68 -91.72	118.01 6.64 -60.68	113.32 6.50 -54.42	109.81 6.91 -47.16	100.20 6.48 -41.01	100.10 5.58 -50.21	102.96 5.64 -52.58	104.96 5.97 -51.96	110.54 6.27 -56.01	122.09 7.80 -54.74	109.80 6.17 -55.41	90.68 4.12 -55.10	89.48 3.40 -54.90
GOWANUS_GT1_5 24084	79.06 3.61 -39.75	78.19 3.30 -41.22	74.74 3.02 -40.89	74.64 2.88 -42.33	73.49 3.09 -38.92	84.78 4.25 -38.04	98.82 5.02 -48.60	96.57 6.16 -41.51	146.53 6.48 -89.80	156.18 7.68 -88.54	160.14 7.60 -94.11	158.44 7.68 -91.72	118.01 6.64 -60.68	113.32 6.50 -54.42	109.81 6.91 -47.16	100.20 6.48 -41.01	100.10 5.58 -50.21	102.96 5.64 -52.58	104.96 5.97 -51.96	110.54 6.27 -56.01	122.09 7.80 -54.74	109.80 6.17 -55.41	90.68 4.12 -55.10	89.48 3.40 -54.90
GOWANUS_GT1_6 24111	79.06 3.61 -39.75	78.19 3.30 -41.22	74.74 3.02 -40.89	74.64 2.88 -42.33	73.49 3.09 -38.92	84.78 4.25 -38.04	98.82 5.02 -48.60	96.57 6.16 -41.51	146.53 6.48 -89.80	156.18 7.68 -88.54	160.14 7.60 -94.11	158.44 7.68 -91.72	118.01 6.64 -60.68	113.32 6.50 -54.42	109.81 6.91 -47.16	100.20 6.48 -41.01	100.10 5.58 -50.21	102.96 5.64 -52.58	104.96 5.97 -51.96	110.54 6.27 -56.01	122.09 7.80 -54.74	109.80 6.17 -55.41	90.68 4.12 -55.10	89.48 3.40 -54.90
GOWANUS_GT1_7 24112	79.06 3.61 -39.75	78.19 3.30 -41.22	74.74 3.02 -40.89	74.64 2.88 -42.33	73.49 3.09 -38.92	84.78 4.25 -38.04	98.82 5.02 -48.60	96.57 6.16 -41.51	146.53 6.48 -89.80	156.18 7.68 -88.54	160.14 7.60 -94.11	158.44 7.68 -91.72	118.01 6.64 -60.68	113.32 6.50 -54.42	109.81 6.91 -47.16	100.20 6.48 -41.01	1							

GOWANUS_GT3_1 24122	79.06 3.61 -39.75	78.19 3.30 -41.22	74.74 3.02 -40.89	74.64 2.88 -42.33	73.49 3.09 -38.92	84.78 4.25 -38.04	98.82 5.02 -48.60	96.57 6.16 -41.51	146.53 6.48 -89.80	156.18 7.68 -88.54	160.14 7.60 -94.11	158.44 7.68 -91.72	118.01 6.64 -60.68	113.32 6.50 -54.42	109.81 6.91 -47.16	100.20 6.48 -41.01	100.10 5.58 -50.21	102.96 5.64 -52.58	104.96 5.97 -51.96	110.54 6.27 -56.01	122.09 7.80 -54.74	109.80 6.17 -55.41	90.68 4.12 -55.10	89.48 3.40 -54.90
GOWANUS_GT3_2 24123	79.06 3.61 -39.75	78.19 3.30 -41.22	74.74 3.02 -40.89	74.64 2.88 -42.33	73.49 3.09 -38.92	84.78 4.25 -38.04	98.82 5.02 -48.60	96.57 6.16 -41.51	146.53 6.48 -89.80	156.18 7.68 -88.54	160.14 7.60 -94.11	158.44 7.68 -91.72	118.01 6.64 -60.68	113.32 6.50 -54.42	109.81 6.91 -47.16	100.20 6.48 -41.01	100.10 5.58 -50.21	102.96 5.64 -52.58	104.96 5.97 -51.96	110.54 6.27 -56.01	122.09 7.80 -54.74	109.80 6.17 -55.41	90.68 4.12 -55.10	89.48 3.40 -54.90
GOWANUS_GT3_3 24124	79.06 3.61 -39.75	78.19 3.30 -41.22	74.74 3.02 -40.89	74.64 2.88 -42.33	73.49 3.09 -38.92	84.78 4.25 -38.04	98.82 5.02 -48.60	96.57 6.16 -41.51	146.53 6.48 -89.80	156.18 7.68 -88.54	160.14 7.60 -94.11	158.44 7.68 -91.72	118.01 6.64 -60.68	113.32 6.50 -54.42	109.81 6.91 -47.16	100.20 6.48 -41.01	100.10 5.58 -50.21	102.96 5.64 -52.58	104.96 5.97 -51.96	110.54 6.27 -56.01	122.09 7.80 -54.74	109.80 6.17 -55.41	90.68 4.12 -55.10	89.48 3.40 -54.90
GOWANUS_GT3_4 24125	79.06 3.61 -39.75	78.19 3.30 -41.22	74.74 3.02 -40.89	74.64 2.88 -42.33	73.49 3.09 -38.92	84.78 4.25 -38.04	98.82 5.02 -48.60	96.57 6.16 -41.51	146.53 6.48 -89.80	156.18 7.68 -88.54	160.14 7.60 -94.11	158.44 7.68 -91.72	118.01 6.64 -60.68	113.32 6.50 -54.42	109.81 6.91 -47.16	100.20 6.48 -41.01	100.10 5.58 -50.21	102.96 5.64 -52.58	104.96 5.97 -51.96	110.54 6.27 -56.01	122.09 7.80 -54.74	109.80 6.17 -55.41	90.68 4.12 -55.10	89.48 3.40 -54.90
GOWANUS_GT3_5 24126	79.06 3.61 -39.75	78.19 3.30 -41.22	74.74 3.02 -40.89	74.64 2.88 -42.33	73.49 3.09 -38.92	84.78 4.25 -38.04	98.82 5.02 -48.60	96.57 6.16 -41.51	146.53 6.48 -89.80	156.18 7.68 -88.54	160.14 7.60 -94.11	158.44 7.68 -91.72	118.01 6.64 -60.68	113.32 6.50 -54.42	109.81 6.91 -47.16	100.20 6.48 -41.01	100.10 5.58 -50.21	102.96 5.64 -52.58	104.96 5.97 -51.96	110.54 6.27 -56.01	122.09 7.80 -54.74	109.80 6.17 -55.41	90.68 4.12 -55.10	89.48 3.40 -54.90
GOWANUS_GT3_6 24127	79.06 3.61 -39.75	78.19 3.30 -41.22	74.74 3.02 -40.89	74.64 2.88 -42.33	73.49 3.09 -38.92	84.78 4.25 -38.04	98.82 5.02 -48.60	96.57 6.16 -41.51	146.53 6.48 -89.80	156.18 7.68 -88.54	160.14 7.60 -94.11	158.44 7.68 -91.72	118.01 6.64 -60.68	113.32 6.50 -54.42	109.81 6.91 -47.16	100.20 6.48 -41.01	100.10 5.58 -50.21	102.96 5.64 -52.58	104.96 5.97 -51.96	110.54 6.27 -56.01	122.09 7.80 -54.74	109.80 6.17 -55.41	90.68 4.12 -55.10	89.48 3.40 -54.90
GOWANUS_GT3_7 24128	79.06 3.61 -39.75	78.19 3.30 -41.22	74.74 3.02 -40.89	74.64 2.88 -42.33	73.49 3.09 -38.92	84.78 4.25 -38.04	98.82 5.02 -48.60	96.57 6.16 -41.51	146.53 6.48 -89.80	156.18 7.68 -88.54	160.14 7.60 -94.11	158.44 7.68 -91.72	118.01 6.64 -60.68	113.32 6.50 -54.42	109.81 6.91 -47.16	100.20 6.48 -41.01	1							































UPPER HUDSON___HYD 24058	89.59 2.43 -51.45	89.31 2.29 -53.35	85.89 2.13 -52.93	86.28 2.06 -54.80	84.19 2.33 -50.38	95.05 3.31 -49.25	111.84 4.02 -62.61	106.07 4.55 -52.62	111.70 4.92 -56.52	109.80 3.54 -46.30	110.82 3.10 -49.29	107.73 3.19 -45.49	109.97 2.84 -56.44	108.66 2.73 -53.53	104.56 2.56 -46.26	106.97 2.32 -51.95	109.85 1.95 -63.60	113.16 2.19 -66.22	108.55 2.45 -59.08	121.46 2.27 -70.93	132.16 3.28 -69.33	115.56 2.60 -64.74	102.65 1.42 -69.78	102.13 1.43 -69.52
UPPER RAQUET___HYD 24056	34.85 -0.86 0.00	33.10 -0.57 0.00	29.97 -0.86 0.00	28.60 -0.82 0.00	30.57 -0.91 0.00	39.94 -2.55 0.00	42.45 -2.76 0.00	46.16 -2.74 0.00	48.14 -2.11 0.00	57.75 -2.22 0.00	56.10 -2.34 0.00	55.56 -3.48 0.00	47.75 -2.94 0.00	49.68 -2.73 0.00	52.61 -3.12 0.00	49.81 -2.90 0.00	41.69 -2.61 0.00	42.42 -2.33 0.00	45.14 -1.88 0.00	47.34 -0.92 0.00	58.24 -1.31 0.00	46.43 -1.78 0.00	30.10 -1.35 0.00	30.28 -0.90 0.00
VISCHER___FERRY HYD 24020	87.34 1.54 -50.10	87.03 1.41 -51.95	83.69 1.33 -51.53	84.04 1.27 -53.35	81.92 1.39 -49.05	92.40 1.95 -47.95	108.52 2.35 -60.96	103.27 2.84 -51.53	108.61 3.02 -55.35	108.42 3.12 -45.34	109.56 2.86 -48.27	106.55 2.95 -44.55	108.60 2.64 -55.27	107.34 2.52 -52.42	103.60 2.56 -45.30	105.95 2.37 -50.87	108.62 2.04 -62.28	111.70 2.10 -64.85	107.14 2.26 -57.86	119.90 2.17 -69.46	130.36 2.92 -67.90	114.08 2.46 -63.40	101.24 1.45 -68.34	100.60 1.34 -68.08
WADING RIVER_IC_1 23522	78.78 3.32 -39.75	78.49 3.60 -41.22	75.53 3.21 -41.49	75.51 3.06 -43.03	76.71 3.62 -41.61	84.79 4.25 -38.05	98.43 4.61 -48.61	96.24 5.82 -41.52	101.47 6.38 -44.84	105.89 7.50 -38.42	106.93 7.60 -40.90	104.59 7.62 -37.92	102.48 6.64 -45.14	101.42 6.45 -42.56	99.12 6.86 -36.53	100.16 6.43 -41.03	101.73 5.72 -51.72	102.73 5.68 -52.30	101.76 5.92 -48.82	119.86 6.47 -65.13	122.41 8.10 -54.76	105.09 5.74 -51.13	90.82 4.25 -55.11	88.95 2.87 -54.90
WADING RIVER_IC_2 23547	78.78 3.32 -39.75	78.49 3.60 -41.22	75.53 3.21 -41.49	75.51 3.06 -43.03	76.71 3.62 -41.61	84.79 4.25 -38.05	98.43 4.61 -48.61	96.24 5.82 -41.52	101.47 6.38 -44.84	105.89 7.50 -38.42	106.93 7.60 -40.90	104.59 7.62 -37.92	102.48 6.64 -45.14	101.42 6.45 -42.56	99.12 6.86 -36.53	100.16 6.43 -41.03	101.73 5.72 -51.72	102.73 5.68 -52.30	101.76 5.92 -48.82	119.86 6.47 -65.13	122.41 8.10 -54.76	105.09 5.74 -51.13	90.82 4.25 -55.11	88.95 2.87 -54.90
WADING RIVER_IC_3 23601	78.78 3.32 -39.75	78.49 3.60 -41.22	75.53 3.21 -41.49	75.51 3.06 -43.03	76.71 3.62 -41.61	84.79 4.25 -38.05	98.43 4.61 -48.61	96.24 5.82 -41.52	101.47 6.38 -44.84	105.89 7.50 -38.42	106.93 7.60 -40.90	104.59 7.62 -37.92	102.48 6.64 -45.14	101.42 6.45 -42.56	99.12 6.86 -36.53	100.16 6.43 -41.03	101.73 5.72 -51.72	102.73 5.68 -52.30	101.76 5.92 -48.82	119.86 6.47 -65.13	122.41 8.10 -54.76	105.09 5.74 -51.13	90.82 4.25 -55.11	88.95 2.87 -54.90
WALDEN___HYDRO 24148	77.24 2.71 -38.82	76.38 2.46 -40.25	72.98 2.22 -39.93	72.88 2.12 -41.34	71.82 2.33 -38.01	82.96 3.31 -37.16	96.60 3.89 -47.50	94.41 4.94 -40.56	98.84 5.03 -43.57	101.63 5.94 -35.72	102.36 5.90 -38.03	100.11 5.96 -35.10	99.46 5.22 -43.55	98.79 5.08 -41.30	96.78 5.35 -35.69	97.95 5.16 -40.08	97.72 4.34 -49.07	100.18 4.34 -51.09	97.22 4.61 -45.59	107.82 4.83 -54.73	119.18 6.13 -53.49	103.09 4.92 -49.95	88.54 3.24 -53.84	87.41 2.59 -53.64
WARRENSBURG___ 23737	89.62 2.46 -51.45	89.34 2.32 -53.35	85.92 2.16 -52.93	86.31 2.09 -54.80	84.22 2.36 -50.38	95.14 3.40 -49.25	111.88 4.07 -62.61	106.17 4.65 -52.62	111.80 5.03 -56.52	109.86 3.60 -46.30	110.93 3.21 -49.29	107.84 3.31 -45.49	110.02 2.89 -56.44	108.76 2.83 -53.53	104.67 2.68 -46.26	107.08 2.42 -51.95	109.94 2.04 -63.60	113.25 2.28 -66.22	108.64 2.54 -59.08	121.56 2.36 -70.93	132.28 3.39 -69.33	115.66 2.70 -64.74	102.68 1.45 -69.78	102.16 1.47 -69.52
WATERSIDE___6 8 9 23538	78.95 3.50 -39.75	78.12 3.23 -41.22	74.62 2.90 -40.89	74.52 2.77 -42.33	73.39 2.99 -38.92	84.65 4.12 -38.04	98.60 4.79 -48.60	96.38 5.97 -41.51	138.75 6.23 -82.27	155.82 7.32 -88.54	159.79 7.25 -94.11	158.09 7.32 -91.72	117.76 6.39 -60.68	108.61 6.29 -49.92	96.82 6.63 -34.45	100.04 6.32 -41.01	99.97 5.45 -50.21	102.38 5.41 -52.22	98.27 5.69 -45.56	110.20 5.94 -56.00	121.61 7.32 -54.74	104.34 5.88 -50.24	90.46 3.90 -55.10	89.28 3.21 -54.89
WEST BABYLON___IC 23714	79.17 3.71 -39.75	78.73 3.84 -41.22	75.78 3.45 -41.49	75.75 3.30 -43.03	76.87 3.78 -41.61	85.21 4.67 -38.05	98.92 5.11 -48.61	96.93 6.50 -41.52	102.12 7.04 -44.84	106.85 8.46 -38.42	107.81 8.47 -40.90	105.47 8.50 -37.92	103.24 7.40 -45.14	102.20 7.23 -42.56	99.95 7.69 -36.53	100.85 7.12 -41.03	102.35 6.34 -51.72	103.36 6.31 -52.30	102.38 6.54 -48.82	120.39 7.00 -65.13	123.06 8.75 -54.76	105.81 6.46 -51.13	91.19 4.62 -55.11	89.42 3.34 -54.90
WEST CANADA___HYD 24049	34.79 0.18 1.09	32.67 0.13 1.13	29.86 0.15 1.12	28.41 0.15 1.16	30.57 0.16 1.07	41.66 0.21 1.04	46.91 0.27 -1.43	49.14 1.37 1.13	50.44 1.41 1.22	60.50 1.56 1.03	58.74 1.40 1.09	59.45 1.42 1.01	50.76 1.32 1.25	52.42 1.21 1.19	55.93 1.23 1.03	52.66 1.11 1.15	43.87 0.97 1.41	44.26 0.98 1.47	46.79 1.08 1.31	47.75 1.06 1.58	59.38 1.37 1.54	48.03 1.25 1.44	30.66 0.75 1.55	30.10 0.47 1.54
WESTERN_NY_WIND 24143	38.63 -2.82 -5.75	36.60 -3.03 -5.96	34.43 -2.31 -5.91	33.40 -2.15 -6.12	34.78 -2.33 -5.63	44.85 -3.14 -5.50	50.17 -4.11 -9.08	55.25 -2.10 -8.45	57.51 -1.81 -9.07	63.70 -3.54 -7.27	62.78 -3.39 -7.74	63.00 -3.19 -7.14	57.48 -2.08 -8.86	58.09 -2.73 -8.41	60.60 -2.40 -7.27	58.39 -2.48 -8.16	52.34 -1.95 -9.99	53.00 -2.15 -10.40	53.95 -2.35 -9.28	56.02 -3.38 -11.14	66.81 -3.63 -10.89	56.17 -2.22 -10.17	41.06 -1.35 -10.96	39.70 -2.40 -10.92
YORK___WARBASSE 23770	79.06 3.61 -39.75	78.19 3.30 -41.22	74.74 3.02 -40.89	74.64 2.88 -42.33	73.49 3.09 -38.92	84.78 4.25 -38.04	98.82 5.02 -48.60	96.57 6.16 -41.51	146.53 6.48 -89.80	156.18 7.68 -88.54	160.14 7.60 -94.11	158.44 7.68 -91.72	118.01 6.64 -60.68	113.32 6.50 -54.42	109.81 6.91 -47.16	100.20 6.48 -41.01	100.10 5.58 -50.21	102.96 5.64 -52.58	104.96 5.97 -51.96	110.54 6.27 -56.01	122.09 7.80 -54.74	109.80 6.17 -55.41	90.68 4.12 -55.10	89.48 3.40 -54.90