

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

--- Scarcity Pricing In Effect (Y/N)

## Generator Data

12/02/2012

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	43.31	35.02	43.91	47.26	45.99	29.10	26.32	25.97	39.91	54.02	45.58	41.09	39.30	39.41	38.62	36.84	72.67	48.05	51.13	49.90	42.64	36.06	36.34	31.37
24138	0.22	0.68	0.84	0.87	1.97	1.23	1.57	1.78	1.51	1.28	1.89	2.56	2.84	2.81	2.82	2.76	3.32	3.80	4.15	4.00	3.38	2.67	2.50	1.94
	-39.62	-22.68	-26.07	-27.67	-1.92	-6.28	-1.94	-0.43	-17.64	-34.80	-18.78	-6.59	-0.49	0.00	0.00	0.00	-29.32	-1.22	-0.15	-0.66	0.00	-2.00	0.00	0.00
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
74TH STREET_GT_1	43.32	35.02	43.91	47.26	45.99	29.10	26.33	25.97	39.91	54.02	45.58	41.08	39.31	39.42	38.62	36.84	72.67	48.04	51.13	49.90	42.65	36.07	36.35	31.39
24260	0.22	0.68	0.84	0.87	1.97	1.23	1.58	1.78	1.51	1.27	1.88	2.55	2.85	2.82	2.82	2.77	3.31	3.80	4.14	3.99	3.38	2.68	2.51	1.95
	-39.62	-22.68	-26.08	-27.67	-1.92	-6.28	-1.94	-0.43	-17.64	-34.80	-18.78	-6.59	-0.49	0.00	0.00	0.00	-29.32	-1.22	-0.15	-0.66	0.00	-2.00	0.00	0.00
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
74TH STREET_GT_2	43.32	35.02	43.91	47.26	45.99	29.10	26.33	25.97	39.91	54.02	45.58	41.08	39.31	39.42	38.62	36.84	72.67	48.04	51.13	49.90	42.65	36.07	36.35	31.39
24261	0.22	0.68	0.84	0.87	1.97	1.23	1.58	1.78	1.51	1.27	1.88	2.55	2.85	2.82	2.82	2.77	3.31	3.80	4.14	3.99	3.38	2.68	2.51	1.95
	-39.62	-22.68	-26.08	-27.67	-1.92	-6.28	-1.94	-0.43	-17.64	-34.80	-18.78	-6.59	-0.49	0.00	0.00	0.00	-29.32	-1.22	-0.15	-0.66	0.00	-2.00	0.00	0.00
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
ADK HUDSON__FALLS	56.67	42.90	53.17	57.18	47.94	31.71	27.24	26.25	46.22	66.25	52.08	43.07	38.93	38.88	38.00	36.15	82.17	47.78	50.68	49.82	42.70	36.76	36.55	31.56
24011	0.30	0.96	1.37	1.52	3.28	1.73	1.83	1.91	1.77	1.56	1.94	2.29	2.30	2.28	2.19	2.08	2.91	3.12	3.64	3.69	3.43	2.70	2.71	2.12
	-52.90	-30.28	-34.81	-36.94	-2.56	-8.38	-2.60	-0.58	-23.69	-46.74	-25.23	-8.85	-0.66	0.00	0.00	0.00	-39.22	-1.63	-0.20	-0.89	0.00	-2.67	0.00	0.00
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
ADK RESOURCE__RCVRY	55.74	42.56	52.86	56.89	48.74	32.00	27.73	26.75	46.23	65.76	52.13	43.55	39.74	39.74	38.90	37.09	82.61	48.83	51.73	50.82	43.51	37.35	37.23	32.17
23798	0.37	1.20	1.72	1.93	4.13	2.18	2.37	2.42	2.19	1.91	2.44	2.92	3.12	3.15	3.09	3.02	4.11	4.21	4.70	4.71	4.24	3.34	3.39	2.73
	-51.90	-29.70	-34.15	-36.23	-2.51	-8.22	-2.55	-0.57	-23.27	-45.92	-24.78	-8.69	-0.65	0.00	0.00	0.00	-38.47	-1.60	-0.20	-0.87	0.00	-2.62	0.00	0.00
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
ADK S GLENS__FALLS	56.67	42.90	53.17	57.18	47.94	31.71	27.24	26.25	46.22	66.25	52.08	43.07	38.93	38.88	38.00	36.15	82.17	47.78	50.68	49.82	42.70	36.76	36.55	31.56
24028	0.30	0.96	1.37	1.52	3.28	1.73	1.83	1.91	1.77	1.56	1.94	2.29	2.30	2.28	2.19	2.08	2.91	3.12	3.64	3.69	3.43	2.70	2.71	2.12
	-52.90	-30.28	-34.81	-36.94	-2.56	-8.38	-2.60	-0.58	-23.69	-46.74	-25.23	-8.85	-0.66	0.00	0.00	0.00	-39.22	-1.63	-0.20	-0.89	0.00	-2.67	0.00	0.00
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
ADK_NYS__DAM	55.37	42.11	52.27	56.21	47.73	31.40	27.03	26.07	45.46	64.91	51.34	42.79	39.06	39.07	38.23	36.35	81.31	47.72	50.38	49.40	42.17	36.35	36.29	31.48
23527	0.27	0.90	1.30	1.44	3.13	1.62	1.69	1.75	1.58	1.37	1.82	2.23	2.45	2.47	2.43	2.28	3.00	3.11	3.35	3.28	2.91	2.35	2.45	2.04
	-51.63	-29.55	-33.97	-36.04	-2.50	-8.18	-2.53	-0.57	-23.11	-45.60	-24.61	-8.63	-0.64	0.00	0.00	0.00	-38.27	-1.59	-0.20	-0.86	0.00	-2.61	0.00	0.00
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
AIR_PRODUCTS__DRP	55.02	41.56	51.49	55.35	46.18	30.56	25.83	24.80	44.17	63.66	49.91	41.19	37.34	37.33	36.50	34.59	78.94	45.51	48.04	47.09	40.11	34.72	34.59	30.07
24190	0.14	0.47	0.67	0.73	1.60	0.82	0.49	0.47	0.42	0.38	0.52	0.67	0.73	0.73	0.69	0.52	0.78	0.89	1.01	0.98	0.84	0.74	0.75	0.63
	-51.41	-29.42	-33.83	-35.89	-2.49	-8.15	-2.52	-0.57	-22.98	-45.34	-24.47	-8.58	-0.64	0.00	0.00	0.00	-38.13	-1.58	-0.20	-0.86	0.00	-2.60	0.00	0.00
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
ALBANY__1	55.02	41.56	51.49	55.35	46.18	30.56	25.83	24.80	44.17	63.66	49.91	41.19	37.34	37.33	36.50	34.59	78.94	45.51	48.04	47.09	40.11	34.72	34.59	30.07
23571	0.14	0.47	0.67	0.73	1.60	0.82	0.49	0.47	0.42	0.38	0.52	0.67	0.73	0.73	0.69	0.52	0.78	0.89	1.01	0.98	0.84	0.74	0.75	0.63
	-51.41	-29.42	-33.83	-35.89	-2.49	-8.15	-2.52	-0.57	-22.98	-45.34	-24.47	-8.58	-0.64	0.00	0.00	0.00	-38.13	-1.58	-0.20	-0.86	0.00	-2.60	0.00	0.00
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
ALBANY__2	55.02	41.56	51.49	55.35	46.18	30.56	25.83	24.80	44.17	63.66	49.91	41.19	37.34	37.33	36.50	34.59	78.94	45.51	48.04	47.09	40.11	34.72	34.59	30.07
23572	0.14	0.47	0.67	0.73	1.60	0.82	0.49	0.47	0.42	0.38	0.52	0.67	0.73	0.73	0.69	0.52	0.78	0.89	1.01	0.98	0.84	0.74	0.75	0.63
	-51.41	-29.42	-33.83	-35.89	-2.49	-8.15	-2.52	-0.57	-22.98	-45.34	-24.47	-8.58	-0.64	0.00	0.00	0.00	-38.13	-1.58	-0.20	-0.86	0.00	-2.60	0.00	0.00
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
ALBANY__3	55.02	41.56	51.49	55.35	46.18	30.56	25.83	24.80	44.17	63.66	49.91	41.19	37.34	37.33	36.50	34.59	78.94	45.51	48.04	47.09	40.11	34.72	34.59	30.07

23573	0.14 -51.41 N	0.47 -29.42 N	0.67 -33.83 N	0.73 -35.89 N	1.60 -2.49 N	0.82 -8.15 N	0.49 -2.52 N	0.47 -0.57 N	0.42 -22.98 N	0.38 -45.34 N	0.52 -24.47 N	0.67 -8.58 N	0.73 -0.64 N	0.73 0.00 N	0.69 0.00 N	0.52 0.00 N	0.78 -38.13 N	0.89 -1.58 N	1.01 -0.20 N	0.98 -0.86 N	0.84 0.00 N	0.74 -2.60 N	0.75 0.00 N	0.63 0.00 N
ALBANY____4 23574	55.02 0.14 -51.41 N	41.56 0.47 -29.42 N	51.49 0.67 -33.83 N	55.35 0.73 -35.89 N	46.18 1.60 -2.49 N	30.56 0.82 -8.15 N	25.83 0.49 -2.52 N	24.80 0.47 -0.57 N	44.17 0.42 -22.98 N	63.66 0.38 -45.34 N	49.91 0.52 -24.47 N	41.19 0.67 -8.58 N	37.34 0.73 -0.64 N	37.33 0.73 0.00 N	36.50 0.69 0.00 N	34.59 0.52 0.00 N	78.94 0.78 -38.13 N	45.51 0.89 -1.58 N	48.04 1.01 -0.20 N	47.09 0.98 -0.86 N	40.11 0.84 0.00 N	34.72 0.74 -2.60 N	34.59 0.75 0.00 N	30.07 0.63 0.00 N
ALBANY____LFGE 323615	55.96 0.16 -52.33 N	42.17 0.56 -29.95 N	52.23 0.80 -34.43 N	56.14 0.88 -36.53 N	46.57 1.94 -2.53 N	30.89 1.00 -8.29 N	26.17 0.79 -2.57 N	25.11 0.77 -0.58 N	44.84 0.69 -23.39 N	64.71 0.61 -46.16 N	50.67 0.84 -24.91 N	41.75 1.08 -8.74 N	37.80 1.18 -0.65 N	37.80 1.21 0.00 N	36.96 1.16 0.00 N	35.04 0.96 0.00 N	80.18 1.34 -38.81 N	46.18 1.54 -1.61 N	48.80 1.77 -0.20 N	47.82 1.70 -0.88 N	40.71 1.45 0.00 N	35.25 1.22 -2.64 N	35.10 1.26 0.00 N	30.48 1.03 0.00 N
ALCOA_RYNLDS____DRP 24188	3.43 -0.04 0.00 N	11.56 -0.10 0.00 N	16.84 -0.15 0.00 N	18.60 -0.12 0.00 N	41.76 -0.34 0.00 N	21.31 -0.28 0.00 N	22.48 -0.32 0.00 N	23.43 -0.33 0.00 N	20.46 -0.30 0.00 N	17.71 -0.23 0.00 N	24.53 -0.38 0.00 N	31.54 -0.40 0.00 N	35.64 -0.33 0.00 N	36.43 -0.16 0.00 N	35.53 -0.27 0.00 N	33.63 -0.45 0.00 N	39.11 -0.92 0.00 N	41.71 -1.32 0.00 N	45.67 -1.39 -0.23 N	43.92 -1.32 0.00 N	38.35 -0.92 0.00 N	30.75 -0.64 0.00 N	33.30 -0.54 0.00 N	28.90 -0.54 0.00 N
ALLEGHENY____COGEN 23514	10.50 0.05 -6.98 N	15.68 0.03 -3.99 N	21.68 0.11 -4.59 N	23.66 0.07 -4.87 N	42.65 0.21 -0.34 N	22.95 0.25 -1.11 N	23.42 0.27 -0.34 N	24.05 0.22 -0.08 N	24.13 0.25 -3.11 N	24.26 0.18 -6.14 N	28.62 0.40 -3.31 N	33.51 0.41 -1.16 N	36.47 0.42 -0.09 N	37.04 0.45 0.00 N	36.41 0.60 0.00 N	35.04 0.97 0.00 N	46.45 1.25 -5.17 N	45.16 1.92 -0.21 N	49.00 2.14 -0.03 N	47.30 1.93 -0.12 N	40.77 1.50 0.00 N	32.51 0.77 -0.35 N	34.50 0.66 0.00 N	30.30 0.86 0.00 N
ALTONA_WT_PWR 323606	3.39 -0.08 0.00 N	11.43 -0.23 0.00 N	16.45 -0.54 0.00 N	18.16 -0.56 0.00 N	40.64 -1.47 0.00 N	20.70 -0.90 0.00 N	21.90 -0.91 0.00 N	22.95 -0.81 0.00 N	20.06 -0.71 0.00 N	17.40 -0.54 0.00 N	24.09 -0.82 0.00 N	31.10 -0.84 0.00 N	35.24 -0.73 0.00 N	36.45 -0.14 0.00 N	35.39 -0.42 0.00 N	33.09 -0.98 0.00 N	38.21 -1.82 0.00 N	40.68 -2.35 0.00 N	34.59 -2.71 9.54 N	42.69 -2.56 0.00 N	37.31 -1.95 0.00 N	30.10 -1.29 0.00 N	32.86 -0.98 0.00 N	28.63 -0.81 0.00 N
AMERICAN_REF_FUEL 24010	9.58 -0.17 -6.27 N	14.56 -0.69 -3.59 N	20.26 -0.85 -4.13 N	22.18 -0.92 -4.38 N	40.49 -1.92 -0.30 N	21.75 -0.84 -0.99 N	22.02 -1.10 -0.31 N	22.36 -1.46 -0.07 N	22.08 -1.49 -2.80 N	22.06 -1.40 -5.52 N	26.04 -1.85 -2.98 N	30.50 -2.49 -1.04 N	33.32 -2.73 -0.08 N	33.66 -2.93 0.00 N	33.11 -2.70 0.00 N	32.10 -1.97 0.00 N	41.96 -2.72 -4.64 N	40.69 -2.53 -0.19 N	44.13 -2.73 -0.02 N	42.68 -2.67 -0.10 N	36.90 -2.37 0.00 N	29.66 -2.05 -0.32 N	31.61 -2.23 0.00 N	28.40 -1.05 0.00 N
ARTHUR_KILL_GT_1 23520	43.31 0.21 -39.62 N	35.01 0.67 -22.68 N	43.87 0.80 -26.08 N	47.24 0.85 -27.67 N	45.88 1.86 -1.92 N	29.05 1.18 -6.28 N	26.27 1.51 -1.94 N	25.91 1.72 -0.43 N	39.84 1.44 -17.64 N	53.99 1.25 -34.80 N	45.60 1.90 -18.78 N	50.83 2.59 -16.30 N	54.45 2.86 -15.62 N	54.46 2.75 -15.11 N	54.43 2.73 -15.88 N	40.63 2.67 -3.89 N	72.44 3.08 -29.32 N	51.18 3.74 -4.41 N	51.33 4.13 -0.38 N	50.18 3.92 -1.02 N	48.98 3.34 -6.38 N	54.46 2.69 -20.38 N	36.75 2.52 -0.39 N	31.37 1.93 0.00 N
ARTHUR_KILL_2 23512	43.31 0.21 -39.62 N	35.01 0.67 -22.68 N	43.87 0.80 -26.08 N	47.24 0.85 -27.67 N	45.88 1.86 -1.92 N	29.05 1.18 -6.28 N	26.27 1.51 -1.94 N	25.91 1.72 -0.43 N	39.84 1.44 -17.64 N	53.99 1.25 -34.80 N	45.60 1.90 -18.78 N	50.83 2.59 -16.30 N	54.45 2.86 -15.62 N	54.46 2.75 -15.11 N	54.43 2.73 -15.88 N	40.63 2.67 -3.89 N	72.44 3.08 -29.32 N	51.18 3.74 -4.41 N	51.33 4.13 -0.38 N	50.18 3.92 -1.02 N	48.98 3.34 -6.38 N	54.46 2.69 -20.38 N	36.75 2.52 -0.39 N	31.37 1.93 0.00 N
ARTHUR_KILL_3 23513	43.31 0.21 -39.63 N	35.01 0.67 -22.68 N	43.88 0.82 -26.07 N	47.24 0.85 -27.67 N	45.93 1.91 -1.92 N	29.08 1.21 -6.28 N	26.31 1.56 -1.94 N	25.97 1.78 -0.44 N	39.90 1.49 -17.64 N	54.00 1.26 -34.80 N	45.56 1.86 -18.78 N	50.76 2.52 -16.30 N	54.39 2.80 -15.62 N	54.48 2.77 -15.12 N	54.46 2.77 -15.89 N	40.67 2.71 -3.89 N	72.60 3.24 -29.32 N	50.54 3.76 -3.75 N	51.20 4.09 -0.27 N	50.04 3.95 -0.85 N	46.08 3.32 -3.49 N	54.39 2.62 -20.38 N	36.67 2.44 -0.39 N	31.33 1.89 0.00 N
ASHOKAN____ 23654	47.94 0.12 -44.34 N	37.39 0.35 -25.38 N	46.61 0.44 -29.18 N	50.12 0.43 -30.96 N	45.21 0.96 -2.14 N	29.14 0.52 -7.03 N	25.60 0.61 -2.18 N	24.92 0.67 -0.49 N	41.16 0.62 -19.78 N	57.55 0.58 -39.03 N	46.91 0.93 -21.06 N	40.61 1.28 -7.39 N	37.92 1.40 -0.55 N	37.97 1.37 0.00 N	37.16 1.35 0.00 N	35.33 1.26 0.00 N	73.90 1.46 -32.40 N	46.13 1.76 -1.34 N	49.25 2.25 -0.17 N	48.21 2.24 -0.73 N	41.14 1.87 0.00 N	35.03 1.44 -2.21 N	35.15 1.31 0.00 N	30.41 0.97 0.00 N
ASTORIA_EAST_ENERGY_CC1 323581	43.31 0.22 -39.62 N	35.02 0.68 -22.68 N	43.88 0.82 -26.07 N	47.25 0.86 -27.67 N	45.95 1.94 -1.92 N	29.13 1.25 -6.28 N	26.37 1.61 -1.94 N	26.04 1.85 -0.43 N	39.90 1.50 -17.64 N	53.97 1.23 -34.80 N	45.61 1.92 -18.78 N	41.19 2.66 -6.59 N	39.44 2.98 -0.49 N	39.45 2.86 0.00 N	38.66 2.85 0.00 N	36.85 2.78 0.00 N	72.58 3.22 -29.32 N	47.96 3.71 -1.22 N	50.90 3.91 -0.15 N	49.81 3.90 -0.66 N	42.63 3.37 0.00 N	36.02 2.63 -2.00 N	36.26 2.43 0.00 N	31.29 1.86 0.00 N
ASTORIA_EAST_ENERGY_CC2 323582	43.31 0.22 -39.62 N	35.02 0.68 -22.68 N	43.88 0.81 -26.07 N	47.23 0.84 -27.67 N	45.95 1.94 -1.92 N	29.13 1.25 -6.28 N	26.37 1.61 -1.94 N	26.04 1.85 -0.43 N	39.90 1.50 -17.64 N	53.96 1.22 -34.80 N	45.60 1.91 -18.78 N	41.19 2.66 -6.59 N	39.43 2.97 -0.49 N	39.44 2.85 0.00 N	38.66 2.85 0.00 N	36.84 2.77 0.00 N	72.56 3.21 -29.32 N	47.95 3.70 -1.22 N	50.87 3.88 -0.15 N	49.79 3.88 -0.66 N	42.61 3.35 0.00 N	35.99 2.60 -2.00 N	36.25 2.41 0.00 N	31.28 1.84 0.00 N
ASTORIA_GT2_1 24094	43.31 0.22 -39.62 N	35.02 0.68 -22.68 N	43.88 0.82 -26.07 N	47.25 0.86 -27.67 N	45.95 1.94 -1.92 N	29.13 1.25 -6.28 N	26.37 1.61 -1.94 N	26.04 1.85 -0.43 N	39.90 1.50 -17.64 N	53.97 1.23 -34.80 N	45.61 1.92 -18.78 N	41.19 2.66 -6.59 N	39.44 2.98 -0.49 N	39.45 2.86 0.00 N	38.66 2.85 0.00 N	36.85 2.78 0.00 N	72.58 3.22 -29.32 N	47.96 3.71 -1.22 N	50.90 3.91 -0.15 N	49.81 3.90 -0.66 N	42.63 3.37 0.00 N	36.02 2.63 -2.00 N	36.26 2.43 0.00 N	31.29 1.86 0.00 N



	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
ASTORIA_GT_12 24226	43.32 0.22 -39.62 N	35.02 0.68 -22.68 N	43.90 0.83 -26.08 N	47.25 0.86 -27.67 N	45.92 1.90 -1.92 N	29.11 1.23 -6.28 N	26.36 1.60 -1.94 N	26.02 1.83 -0.43 N	39.91 1.51 -17.64 N	53.98 1.24 -34.80 N	45.55 1.85 -18.78 N	41.07 2.54 -6.59 N	39.34 2.88 -0.49 N	39.48 2.88 0.00 N	38.68 2.87 0.00 N	36.90 2.82 0.00 N	72.70 3.34 -29.32 N	48.01 3.76 -1.22 N	51.07 4.09 -0.15 N	49.84 3.93 -0.66 N	42.60 3.34 0.00 N	36.09 2.70 -2.00 N	36.39 2.55 0.00 N	31.45 2.01 0.00 N	
ASTORIA_GT_13 24227	43.32 0.22 -39.62 N	35.02 0.68 -22.68 N	43.90 0.83 -26.08 N	47.25 0.86 -27.67 N	45.92 1.90 -1.92 N	29.11 1.23 -6.28 N	26.36 1.60 -1.94 N	26.02 1.83 -0.43 N	39.91 1.51 -17.64 N	53.98 1.24 -34.80 N	45.55 1.85 -18.78 N	41.07 2.54 -6.59 N	39.34 2.88 -0.49 N	39.48 2.88 0.00 N	38.68 2.87 0.00 N	36.90 2.82 0.00 N	72.70 3.34 -29.32 N	48.01 3.76 -1.22 N	51.07 4.09 -0.15 N	49.84 3.93 -0.66 N	42.60 3.34 0.00 N	36.09 2.70 -2.00 N	36.39 2.55 0.00 N	31.45 2.01 0.00 N	
ASTORIA_GT_5 24106	43.31 0.22 -39.62 N	35.02 0.68 -22.68 N	43.88 0.82 -26.07 N	47.25 0.86 -27.67 N	45.95 1.94 -1.92 N	29.13 1.25 -6.28 N	26.37 1.61 -1.94 N	26.04 1.85 -0.43 N	39.90 1.50 -17.64 N	53.97 1.23 -34.80 N	45.61 1.92 -18.78 N	41.19 2.66 -6.59 N	39.44 2.98 -0.49 N	39.45 2.86 0.00 N	38.66 2.85 0.00 N	36.85 2.78 0.00 N	72.58 3.22 -29.32 N	47.96 3.71 -1.22 N	50.90 3.91 -0.15 N	49.81 3.90 -0.66 N	42.63 3.37 0.00 N	36.02 2.63 -2.00 N	36.26 2.43 0.00 N	31.29 1.86 0.00 N	
ASTORIA_GT_7 24107	43.31 0.22 -39.62 N	35.02 0.68 -22.68 N	43.88 0.82 -26.07 N	47.25 0.86 -27.67 N	45.95 1.94 -1.92 N	29.13 1.25 -6.28 N	26.37 1.61 -1.94 N	26.04 1.85 -0.43 N	39.90 1.50 -17.64 N	53.97 1.23 -34.80 N	45.61 1.92 -18.78 N	41.19 2.66 -6.59 N	39.44 2.98 -0.49 N	39.45 2.86 0.00 N	38.66 2.85 0.00 N	36.85 2.78 0.00 N	72.58 3.22 -29.32 N	47.96 3.71 -1.22 N	50.90 3.91 -0.15 N	49.81 3.90 -0.66 N	42.63 3.37 0.00 N	36.02 2.63 -2.00 N	36.26 2.43 0.00 N	31.29 1.86 0.00 N	
ASTORIA_GT_8 24108	43.31 0.22 -39.62 N	35.02 0.68 -22.68 N	43.88 0.82 -26.07 N	47.25 0.86 -27.67 N	45.95 1.94 -1.92 N	29.13 1.25 -6.28 N	26.37 1.61 -1.94 N	26.04 1.85 -0.43 N	39.90 1.50 -17.64 N	53.97 1.23 -34.80 N	45.61 1.92 -18.78 N	41.19 2.66 -6.59 N	39.44 2.98 -0.49 N	39.45 2.86 0.00 N	38.66 2.85 0.00 N	36.85 2.78 0.00 N	72.58 3.22 -29.32 N	47.96 3.71 -1.22 N	50.90 3.91 -0.15 N	49.81 3.90 -0.66 N	42.63 3.37 0.00 N	36.02 2.63 -2.00 N	36.26 2.43 0.00 N	31.29 1.86 0.00 N	
ASTORIA___2 24149	43.31 0.22 -39.62 N	35.02 0.68 -22.68 N	43.88 0.82 -26.07 N	47.25 0.86 -27.67 N	45.95 1.94 -1.92 N	29.13 1.25 -6.28 N	26.37 1.61 -1.94 N	26.04 1.85 -0.43 N	39.90 1.50 -17.64 N	53.97 1.23 -34.80 N	45.61 1.92 -18.78 N	41.19 2.66 -6.59 N	39.44 2.98 -0.49 N	39.45 2.86 0.00 N	38.66 2.85 0.00 N	36.85 2.78 0.00 N	72.58 3.22 -29.32 N	47.96 3.71 -1.22 N	50.90 3.91 -0.15 N	49.81 3.90 -0.66 N	42.63 3.37 0.00 N	36.02 2.63 -2.00 N	36.26 2.43 0.00 N	31.29 1.86 0.00 N	
ASTORIA___3 23516	43.32 0.22 -39.62 N	35.02 0.68 -22.68 N	43.90 0.83 -26.08 N	47.25 0.86 -27.67 N	45.92 1.90 -1.92 N	29.11 1.23 -6.28 N	26.36 1.60 -1.94 N	26.02 1.83 -0.43 N	39.91 1.51 -17.64 N	53.98 1.24 -34.80 N	45.55 1.85 -18.78 N	41.07 2.54 -6.59 N	39.34 2.88 -0.49 N	39.48 2.88 0.00 N	38.68 2.87 0.00 N	36.90 2.82 0.00 N	72.70 3.34 -29.32 N	48.01 3.76 -1.22 N	51.07 4.09 -0.15 N	49.84 3.93 -0.66 N	42.60 3.34 0.00 N	36.09 2.70 -2.00 N	36.39 2.55 0.00 N	31.45 2.01 0.00 N	
ASTORIA___4 23517	43.31 0.22 -39.62 N	35.02 0.68 -22.68 N	43.88 0.82 -26.07 N	47.25 0.86 -27.67 N	45.95 1.94 -1.92 N	29.13 1.25 -6.28 N	26.37 1.61 -1.94 N	26.04 1.85 -0.43 N	39.90 1.50 -17.64 N	53.97 1.23 -34.80 N	45.61 1.92 -18.78 N	41.19 2.66 -6.59 N	39.44 2.98 -0.49 N	39.45 2.86 0.00 N	38.66 2.85 0.00 N	36.85 2.78 0.00 N	72.58 3.22 -29.32 N	47.96 3.71 -1.22 N	50.90 3.91 -0.15 N	49.81 3.90 -0.66 N	42.63 3.37 0.00 N	36.02 2.63 -2.00 N	36.26 2.43 0.00 N	31.29 1.86 0.00 N	
ASTORIA___5 23518	43.31 0.22 -39.62 N	35.02 0.68 -22.68 N	43.88 0.82 -26.07 N	47.25 0.86 -27.67 N	45.95 1.94 -1.92 N	29.13 1.25 -6.28 N	26.37 1.61 -1.94 N	26.04 1.85 -0.43 N	39.90 1.50 -17.64 N	53.97 1.23 -34.80 N	45.61 1.91 -18.78 N	41.19 2.66 -6.59 N	39.44 2.98 -0.49 N	39.45 2.86 0.00 N	38.66 2.85 0.00 N	36.85 2.78 0.00 N	72.58 3.22 -29.32 N	47.96 3.71 -1.22 N	50.90 3.91 -0.15 N	49.81 3.90 -0.66 N	42.63 3.37 0.00 N	36.02 2.63 -2.00 N	36.26 2.43 0.00 N	31.29 1.86 0.00 N	
AST_ENERGY_2_CC3 323677	43.30 0.21 -39.62 N	34.99 0.65 -22.68 N	43.85 0.79 -26.07 N	47.20 0.81 -27.67 N	45.84 1.82 -1.92 N	29.04 1.16 -6.28 N	26.28 1.52 -1.94 N	25.93 1.74 -0.43 N	39.85 1.44 -17.64 N	53.95 1.21 -34.80 N	45.51 1.81 -18.78 N	41.00 2.47 -6.59 N	39.20 2.74 -0.49 N	39.30 2.70 0.00 N	38.52 2.71 0.00 N	36.74 2.66 0.00 N	72.54 3.19 -29.32 N	47.90 3.65 -1.22 N	50.96 3.98 -0.15 N	49.76 3.85 -0.66 N	42.52 3.26 0.00 N	35.96 2.57 -2.00 N	36.23 2.39 0.00 N	31.27 1.84 0.00 N	
AST_ENERGY_2_CC4 323678	43.30 0.21 -39.62 N	34.99 0.65 -22.68 N	43.85 0.79 -26.07 N	47.20 0.81 -27.67 N	45.84 1.82 -1.92 N	29.04 1.16 -6.28 N	26.28 1.52 -1.94 N	25.93 1.74 -0.43 N	39.85 1.44 -17.64 N	53.95 1.21 -34.80 N	45.51 1.81 -18.78 N	41.00 2.47 -6.59 N	39.20 2.74 -0.49 N	39.30 2.70 0.00 N	38.52 2.71 0.00 N	36.74 2.66 0.00 N	72.54 3.19 -29.32 N	47.90 3.65 -1.22 N	50.96 3.98 -0.15 N	49.76 3.85 -0.66 N	42.52 3.26 0.00 N	35.96 2.57 -2.00 N	36.23 2.39 0.00 N	31.27 1.84 0.00 N	
ATHENS_STG_1 23668	48.57 0.14 -44.96 N	37.85 0.45 -25.73 N	47.21 0.64 -29.59 N	50.81 0.69 -31.39 N	45.82 1.54 -2.17 N	29.54 0.82 -7.12 N	25.95 0.93 -2.21 N	25.23 0.98 -0.49 N	41.68 0.86 -20.06 N	58.25 0.73 -39.58 N	47.33 1.06 -21.36 N	40.81 1.38 -7.49 N	38.07 1.54 -0.56 N	38.13 1.54 0.00 N	37.32 1.52 0.00 N	35.52 1.45 0.00 N	75.12 1.80 -33.29 N	46.43 2.02 -1.38 N	49.22 2.21 -0.17 N	48.14 2.15 -0.75 N	41.09 1.83 0.00 N	35.12 1.46 -2.27 N	35.24 1.40 0.00 N	30.55 1.11 0.00 N	
ATHENS_STG_2 23670	48.57 0.14 -44.96 N	37.85 0.45 -25.73 N	47.21 0.64 -29.59 N	50.81 0.69 -31.39 N	45.82 1.54 -2.17 N	29.54 0.82 -7.12 N	25.95 0.93 -2.21 N	25.23 0.98 -0.49 N	41.68 0.86 -20.06 N	58.25 0.73 -39.58 N	47.33 1.06 -21.36 N	40.81 1.38 -7.49 N	38.07 1.54 -0.56 N	38.13 1.54 0.00 N	37.32 1.52 0.00 N	35.52 1.45 0.00 N	75.12 1.80 -33.29 N	46.43 2.02 -1.38 N	49.22 2.21 -0.17 N	48.14 2.15 -0.75 N	41.09 1.83 0.00 N	35.12 1.46 -2.27 N	35.24 1.40 0.00 N	30.55 1.11 0.00 N	
ATHENS_STG_3	48.57	37.85	47.21	50.81	45.82	29.54	25.95	25.23	41.68	58.25	47.33	40.81	38.07	38.13	37.32	35.52	75.12	46.43	49.22	48.14	41.09	35.12	35.24	30.55	



BARRETT___2 23546	43.33 0.23 -39.63 N	35.01 0.66 -22.68 N	43.85 0.79 -26.08 N	47.21 0.81 -27.67 N	45.83 1.81 -1.92 N	29.04 1.17 -6.28 N	26.50 1.75 -1.94 N	26.33 2.14 -0.43 N	40.16 1.75 -17.64 N	54.20 1.45 -34.81 N	46.00 2.30 -18.79 N	43.50 3.17 -8.39 N	46.90 3.47 -7.46 N	40.02 3.42 0.00 N	39.22 3.41 0.00 N	37.19 3.12 0.00 N	72.88 3.53 -29.33 N	48.62 4.37 -1.22 N	51.87 4.88 -0.15 N	50.78 4.66 -0.88 N	49.06 3.89 -5.90 N	45.74 3.07 -11.29 N	36.85 3.01 0.00 N	31.63 2.19 0.00 N
BAYONEEC___CTG1 323682	43.31 0.22 -39.62 N	35.01 0.67 -22.68 N	43.89 0.83 -26.07 N	47.24 0.85 -27.67 N	45.94 1.92 -1.92 N	29.08 1.21 -6.28 N	26.31 1.56 -1.94 N	25.96 1.77 -0.43 N	39.89 1.49 -17.64 N	53.97 1.23 -34.80 N	45.39 1.69 -18.78 N	41.04 2.51 -6.59 N	39.26 2.81 -0.49 N	39.38 2.78 0.00 N	38.59 2.78 0.00 N	36.81 2.74 0.00 N	72.57 3.21 -29.32 N	46.91 2.67 -1.22 N	50.59 3.60 -0.15 N	49.84 3.93 -0.66 N	42.61 3.34 0.00 N	36.03 2.64 -2.00 N	36.31 2.47 0.00 N	31.35 1.91 0.00 N
BAYONEEC___CTG2 323683	43.31 0.22 -39.62 N	35.01 0.67 -22.68 N	43.89 0.83 -26.07 N	47.24 0.85 -27.67 N	45.94 1.92 -1.92 N	29.08 1.21 -6.28 N	26.31 1.56 -1.94 N	25.96 1.77 -0.43 N	39.89 1.49 -17.64 N	53.97 1.23 -34.80 N	45.39 1.69 -18.78 N	41.04 2.51 -6.59 N	39.26 2.81 -0.49 N	39.38 2.78 0.00 N	38.59 2.78 0.00 N	36.81 2.74 0.00 N	72.57 3.21 -29.32 N	46.91 2.67 -1.22 N	50.59 3.60 -0.15 N	49.84 3.93 -0.66 N	42.61 3.34 0.00 N	36.03 2.64 -2.00 N	36.31 2.47 0.00 N	31.35 1.91 0.00 N
BAYONEEC___CTG3 323684	43.31 0.22 -39.62 N	35.01 0.67 -22.68 N	43.89 0.83 -26.07 N	47.24 0.85 -27.67 N	45.94 1.92 -1.92 N	29.08 1.21 -6.28 N	26.31 1.56 -1.94 N	25.96 1.77 -0.43 N	39.89 1.49 -17.64 N	53.97 1.23 -34.80 N	45.39 1.69 -18.78 N	41.04 2.51 -6.59 N	39.26 2.81 -0.49 N	39.38 2.78 0.00 N	38.59 2.78 0.00 N	36.81 2.74 0.00 N	72.57 3.21 -29.32 N	46.91 2.67 -1.22 N	50.59 3.60 -0.15 N	49.84 3.93 -0.66 N	42.61 3.34 0.00 N	36.03 2.64 -2.00 N	36.31 2.47 0.00 N	31.35 1.91 0.00 N
BAYONEEC___CTG4 323685	43.31 0.22 -39.62 N	35.01 0.67 -22.68 N	43.89 0.83 -26.07 N	47.24 0.85 -27.67 N	45.94 1.92 -1.92 N	29.08 1.21 -6.28 N	26.31 1.56 -1.94 N	25.96 1.77 -0.43 N	39.89 1.49 -17.64 N	53.97 1.23 -34.80 N	45.39 1.69 -18.78 N	41.04 2.51 -6.59 N	39.26 2.81 -0.49 N	39.38 2.78 0.00 N	38.59 2.78 0.00 N	36.81 2.74 0.00 N	72.57 3.21 -29.32 N	46.91 2.67 -1.22 N	50.59 3.60 -0.15 N	49.84 3.93 -0.66 N	42.61 3.34 0.00 N	36.03 2.64 -2.00 N	36.31 2.47 0.00 N	31.35 1.91 0.00 N
BAYONEEC___CTG5 323686	43.31 0.22 -39.62 N	35.01 0.67 -22.68 N	43.89 0.83 -26.07 N	47.24 0.85 -27.67 N	45.94 1.92 -1.92 N	29.08 1.21 -6.28 N	26.31 1.56 -1.94 N	25.96 1.77 -0.43 N	39.89 1.49 -17.64 N	53.97 1.23 -34.80 N	45.39 1.69 -18.78 N	41.04 2.51 -6.59 N	39.26 2.81 -0.49 N	39.38 2.78 0.00 N	38.59 2.78 0.00 N	36.81 2.74 0.00 N	72.57 3.21 -29.32 N	46.91 2.67 -1.22 N	50.59 3.60 -0.15 N	49.84 3.93 -0.66 N	42.61 3.34 0.00 N	36.03 2.64 -2.00 N	36.31 2.47 0.00 N	31.35 1.91 0.00 N
BAYONEEC___CTG6 323687	43.31 0.22 -39.62 N	35.01 0.67 -22.68 N	43.89 0.83 -26.07 N	47.24 0.85 -27.67 N	45.94 1.92 -1.92 N	29.08 1.21 -6.28 N	26.31 1.56 -1.94 N	25.96 1.77 -0.43 N	39.89 1.49 -17.64 N	53.97 1.23 -34.80 N	45.39 1.69 -18.78 N	41.04 2.51 -6.59 N	39.26 2.81 -0.49 N	39.38 2.78 0.00 N	38.59 2.78 0.00 N	36.81 2.74 0.00 N	72.57 3.21 -29.32 N	46.91 2.67 -1.22 N	50.59 3.60 -0.15 N	49.84 3.93 -0.66 N	42.61 3.34 0.00 N	36.03 2.64 -2.00 N	36.31 2.47 0.00 N	31.35 1.91 0.00 N
BAYONEEC___CTG7 323688	43.31 0.22 -39.62 N	35.01 0.67 -22.68 N	43.89 0.83 -26.07 N	47.24 0.85 -27.67 N	45.94 1.92 -1.92 N	29.08 1.21 -6.28 N	26.31 1.56 -1.94 N	25.96 1.77 -0.43 N	39.89 1.49 -17.64 N	53.97 1.23 -34.80 N	45.39 1.69 -18.78 N	41.04 2.51 -6.59 N	39.26 2.81 -0.49 N	39.38 2.78 0.00 N	38.59 2.78 0.00 N	36.81 2.74 0.00 N	72.57 3.21 -29.32 N	46.91 2.67 -1.22 N	50.59 3.60 -0.15 N	49.84 3.93 -0.66 N	42.61 3.34 0.00 N	36.03 2.64 -2.00 N	36.31 2.47 0.00 N	31.35 1.91 0.00 N
BAYONEEC___CTG8 323689	43.31 0.22 -39.62 N	35.01 0.67 -22.68 N	43.89 0.83 -26.07 N	47.24 0.85 -27.67 N	45.94 1.92 -1.92 N	29.08 1.21 -6.28 N	26.31 1.56 -1.94 N	25.96 1.77 -0.43 N	39.89 1.49 -17.64 N	53.97 1.23 -34.80 N	45.39 1.69 -18.78 N	41.04 2.51 -6.59 N	39.26 2.81 -0.49 N	39.38 2.78 0.00 N	38.59 2.78 0.00 N	36.81 2.74 0.00 N	72.57 3.21 -29.32 N	46.91 2.67 -1.22 N	50.59 3.60 -0.15 N	49.84 3.93 -0.66 N	42.61 3.34 0.00 N	36.03 2.64 -2.00 N	36.31 2.47 0.00 N	31.35 1.91 0.00 N
BEACON___LESR 323632	54.89 0.18 -51.24 N	41.60 0.62 -29.32 N	51.61 0.90 -33.72 N	55.42 0.92 -35.77 N	46.63 2.04 -2.48 N	30.77 1.05 -8.12 N	26.16 0.83 -2.51 N	25.25 0.93 -0.56 N	44.61 0.94 -22.90 N	63.92 0.79 -45.20 N	50.40 1.09 -24.39 N	41.88 1.39 -8.55 N	38.14 1.54 -0.64 N	38.16 1.56 0.00 N	37.30 1.50 0.00 N	35.35 1.28 0.00 N	79.85 1.82 -38.00 N	46.40 1.79 -1.58 N	49.02 1.99 -0.20 N	47.97 1.86 -0.86 N	40.90 1.64 0.00 N	35.31 1.34 -2.59 N	35.22 1.38 0.00 N	30.54 1.10 0.00 N
BEAVER RIVER___HYD 24048	4.35 0.10 -0.78 N	12.39 0.28 -0.45 N	17.90 0.40 -0.52 N	19.71 0.44 -0.55 N	43.13 0.98 -0.04 N	22.25 0.53 -0.12 N	23.43 0.58 -0.04 N	24.39 0.62 -0.01 N	21.73 0.62 -0.35 N	19.20 0.57 -0.69 N	26.12 0.84 -0.37 N	33.16 1.09 -0.13 N	37.23 1.25 -0.01 N	37.90 1.31 0.00 N	37.09 1.29 0.00 N	35.31 1.24 0.00 N	42.02 1.40 -0.58 N	44.56 1.51 -0.02 N	49.11 1.67 -0.60 N	46.76 1.50 -0.01 N	40.66 1.39 0.00 N	32.52 1.09 -0.04 N	34.89 1.05 0.00 N	30.22 0.78 0.00 N
BEEBEE_GT_13 23619	8.35 -0.01 -4.89 N	14.35 -0.11 -2.80 N	20.11 -0.09 -3.22 N	22.01 -0.13 -3.41 N	42.13 -0.22 -0.24 N	22.41 0.04 -0.77 N	23.04 -0.01 -0.24 N	23.68 -0.13 -0.05 N	22.82 -0.13 -2.18 N	22.10 -0.07 -4.30 N	27.16 -0.17 -2.32 N	32.58 -0.17 -0.82 N	35.77 -0.26 -0.06 N	36.23 -0.36 0.00 N	35.58 -0.23 0.00 N	34.27 0.19 0.00 N	43.88 0.23 -3.62 N	43.77 0.60 -0.15 N	47.67 0.82 -0.02 N	45.98 0.66 -0.08 N	39.69 0.43 0.00 N	31.77 0.14 -0.25 N	33.80 -0.04 0.00 N	29.73 0.29 0.00 N
BETHLEHEM___GRP 23843	55.02 0.14 -51.41 N	41.56 0.47 -29.42 N	51.49 0.67 -33.83 N	55.35 0.73 -35.89 N	46.18 1.60 -2.49 N	30.56 0.82 -8.15 N	25.83 0.49 -2.52 N	24.80 0.47 -0.57 N	44.17 0.42 -22.98 N	63.66 0.38 -45.34 N	49.91 0.52 -24.47 N	41.19 0.67 -8.58 N	37.34 0.73 -0.64 N	37.33 0.73 0.00 N	36.50 0.69 0.00 N	34.59 0.52 0.00 N	78.94 0.78 -38.13 N	45.51 0.89 -1.58 N	48.04 1.01 -0.20 N	47.09 0.98 -0.86 N	40.11 0.84 0.00 N	34.72 0.74 -2.60 N	34.59 0.75 0.00 N	30.07 0.63 0.00 N
BETHLEHEM___GS1 323560	55.02 0.14 -51.41 N	41.56 0.47 -29.42 N	51.49 0.67 -33.83 N	55.35 0.73 -35.89 N	46.18 1.60 -2.49 N	30.56 0.82 -8.15 N	25.83 0.49 -2.52 N	24.80 0.47 -0.57 N	44.17 0.42 -22.98 N	63.66 0.38 -45.34 N	49.91 0.52 -24.47 N	41.19 0.67 -8.58 N	37.34 0.73 -0.64 N	37.33 0.73 0.00 N	36.50 0.69 0.00 N	34.59 0.52 0.00 N	78.94 0.78 -38.13 N	45.51 0.89 -1.58 N	48.04 1.01 -0.20 N	47.09 0.98 -0.86 N	40.11 0.84 0.00 N	34.72 0.74 -2.60 N	34.59 0.75 0.00 N	30.07 0.63 0.00 N

	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
BETHLEHEM___GS2 323561	55.02 0.14 -51.41 N	41.56 0.47 -29.42 N	51.49 0.67 -33.83 N	55.35 0.73 -35.89 N	46.18 1.60 -2.49 N	30.56 0.82 -8.15 N	25.83 0.49 -2.52 N	24.80 0.47 -0.57 N	44.17 0.42 -22.98 N	63.66 0.38 -45.34 N	49.91 0.52 -24.47 N	41.19 0.67 -8.58 N	37.34 0.73 -0.64 N	37.33 0.73 0.00 N	36.50 0.69 0.00 N	34.59 0.52 0.00 N	78.94 0.78 -38.13 N	45.51 0.89 -1.58 N	48.04 1.01 -0.20 N	47.09 0.98 -0.86 N	40.11 0.84 0.00 N	34.72 0.74 -2.60 N	34.59 0.75 0.00 N	30.07 0.63 0.00 N	
BETHLEHEM___GS3 323562	55.02 0.14 -51.41 N	41.56 0.47 -29.42 N	51.49 0.67 -33.83 N	55.35 0.73 -35.89 N	46.18 1.60 -2.49 N	30.56 0.82 -8.15 N	25.83 0.49 -2.52 N	24.80 0.47 -0.57 N	44.17 0.42 -22.98 N	63.66 0.38 -45.34 N	49.91 0.52 -24.47 N	41.19 0.67 -8.58 N	37.34 0.73 -0.64 N	37.33 0.73 0.00 N	36.50 0.69 0.00 N	34.59 0.52 0.00 N	78.94 0.78 -38.13 N	45.51 0.89 -1.58 N	48.04 1.01 -0.20 N	47.09 0.98 -0.86 N	40.11 0.84 0.00 N	34.72 0.74 -2.60 N	34.59 0.75 0.00 N	30.07 0.63 0.00 N	
BETHLEHEM___STEEL 23779	10.03 -0.12 -6.67 N	14.96 -0.52 -3.82 N	20.75 -0.63 -4.39 N	22.65 -0.73 -4.66 N	40.99 -1.44 -0.32 N	22.04 -0.61 -1.06 N	22.34 -0.79 -0.33 N	22.77 -1.06 -0.07 N	22.73 -1.01 -2.98 N	22.81 -1.00 -5.88 N	26.79 -1.30 -3.17 N	31.24 -1.81 -1.11 N	34.08 -1.97 -0.08 N	34.51 -2.08 0.00 N	33.98 -1.83 0.00 N	32.85 -1.22 0.00 N	43.21 -1.76 -4.94 N	41.78 -1.46 -0.20 N	45.34 -1.52 -0.03 N	43.83 -1.53 -0.11 N	37.89 -1.38 0.00 N	30.44 -1.29 -0.34 N	32.47 -1.37 0.00 N	28.95 -0.49 0.00 N	
BETHPAGE_CC_5 323564	43.31 0.21 -39.63 N	34.96 0.62 -22.68 N	43.78 0.71 -26.08 N	47.12 0.73 -27.67 N	45.64 1.62 -1.92 N	28.96 1.09 -6.28 N	26.44 1.68 -1.94 N	26.28 2.09 -0.43 N	40.14 1.74 -17.64 N	54.22 1.47 -34.81 N	46.00 2.31 -18.79 N	43.49 3.16 -8.39 N	46.90 3.47 -7.46 N	39.96 3.36 0.00 N	39.16 3.35 0.00 N	37.11 3.03 0.00 N	72.85 3.49 -29.33 N	48.68 4.43 -1.22 N	51.97 4.99 -0.15 N	50.86 4.74 -0.88 N	49.16 3.99 -5.90 N	45.78 3.11 -11.29 N	36.84 3.00 0.00 N	31.60 2.16 0.00 N	
BINGHAMTON___COGEN 23790	16.62 0.03 -13.11 N	19.21 0.04 -7.50 N	25.71 0.09 -8.63 N	27.94 0.06 -9.15 N	42.97 0.23 -0.63 N	23.82 0.15 -2.08 N	23.65 0.19 -0.64 N	24.10 0.20 -0.14 N	26.82 0.21 -5.85 N	29.60 0.12 -11.54 N	31.33 0.19 -6.23 N	34.30 0.17 -2.18 N	36.32 0.19 -0.16 N	36.76 0.17 0.00 N	36.10 0.29 0.00 N	34.47 0.40 0.00 N	50.21 0.48 -9.71 N	44.09 0.66 -0.40 N	47.57 0.69 -0.05 N	46.03 0.57 -0.22 N	39.69 0.43 0.00 N	32.33 0.28 -0.66 N	34.13 0.29 0.00 N	29.82 0.38 0.00 N	
BLACK RIVER___HYD 24047	5.19 0.15 -1.57 N	13.01 0.45 -0.90 N	18.66 0.64 -1.04 N	20.50 0.68 -1.10 N	43.73 1.55 -0.08 N	22.69 0.85 -0.25 N	23.84 0.95 -0.08 N	24.79 1.02 -0.02 N	22.45 0.99 -0.70 N	20.23 0.91 -1.39 N	26.99 1.33 -0.75 N	33.90 1.70 -0.26 N	37.94 1.95 2.01 N	38.61 2.01 0.00 N	37.83 2.02 0.00 N	36.09 2.01 0.00 N	43.66 2.46 -1.16 N	45.80 2.73 -0.05 N	50.23 2.97 -0.43 N	47.96 2.69 -0.03 N	41.57 2.31 0.00 N	33.18 1.71 -0.08 N	35.48 1.64 0.00 N	30.70 1.26 0.00 N	
BLISS_WT_PWR 323608	10.05 -0.15 -6.74 N	14.77 -0.75 -3.86 N	20.62 -0.80 -4.43 N	22.82 -0.61 -4.70 N	41.15 -1.28 -0.33 N	21.70 -0.96 -1.07 N	21.97 -1.18 -0.33 N	22.40 -1.43 -0.07 N	22.63 -1.14 -3.01 N	22.41 -1.45 -5.93 N	26.50 -1.61 -3.20 N	30.89 -2.17 -1.12 N	33.81 -2.24 -0.08 N	34.50 -2.09 0.00 N	34.34 -1.47 0.00 N	33.20 -0.87 0.00 N	43.93 -1.09 -4.99 N	42.58 -0.66 -0.21 N	45.65 -1.21 -0.03 N	44.54 -0.82 -0.11 N	38.83 -0.43 0.00 N	30.97 -0.76 -0.34 N	33.01 -0.83 0.00 N	29.68 0.24 0.00 N	
BLUE_CIRC_CHEM_DRP 24182	54.40 0.14 -50.79 N	41.20 0.47 -29.07 N	51.08 0.66 -33.42 N	54.91 0.73 -35.46 N	46.17 1.62 -2.46 N	30.48 0.83 -8.05 N	26.12 0.81 -2.49 N	25.15 0.83 -0.56 N	44.18 0.72 -22.69 N	63.35 0.63 -44.78 N	49.97 0.89 -24.17 N	41.55 1.14 -8.48 N	37.87 1.27 -0.63 N	37.89 1.29 0.00 N	37.08 1.27 0.00 N	35.21 1.14 0.00 N	79.18 1.47 -37.67 N	46.23 1.63 -1.56 N	48.79 1.77 -0.20 N	47.79 1.70 -0.85 N	40.70 1.43 0.00 N	35.13 1.17 -2.57 N	35.02 1.18 0.00 N	30.40 0.96 0.00 N	
BOC_GAS_DRP 24189	54.91 0.11 -51.33 N	41.42 0.38 -29.38 N	51.31 0.54 -33.78 N	55.16 0.60 -35.84 N	45.92 1.34 -2.48 N	30.41 0.68 -8.13 N	25.95 0.62 -2.52 N	24.95 0.63 -0.56 N	44.26 0.56 -22.93 N	63.68 0.49 -45.26 N	50.01 0.67 -24.42 N	41.37 0.87 -8.57 N	37.57 0.96 -0.64 N	37.56 0.97 0.00 N	36.75 0.94 0.00 N	34.89 0.82 0.00 N	79.20 1.09 -38.08 N	45.82 1.21 -1.58 N	48.38 1.35 -0.20 N	47.41 1.30 -0.86 N	40.37 1.11 0.00 N	34.91 0.93 -2.59 N	34.78 0.93 0.00 N	30.19 0.75 0.00 N	
BORALEX_4TH_BRANCH 23824	55.37 0.27 -51.63 N	42.11 0.90 -29.55 N	52.27 1.30 -33.97 N	56.21 1.44 -36.04 N	47.73 3.13 -2.50 N	31.40 1.62 -8.18 N	27.03 1.69 -2.53 N	26.07 1.75 -0.57 N	45.46 1.58 -23.11 N	64.91 1.37 -45.60 N	51.34 1.82 -24.61 N	42.79 2.23 -8.63 N	39.06 2.45 -0.64 N	39.07 2.47 0.00 N	38.23 2.43 0.00 N	36.35 2.28 0.00 N	81.31 3.00 -38.27 N	47.72 3.11 -1.59 N	50.38 3.35 -0.20 N	49.40 3.28 -0.86 N	42.17 2.91 0.00 N	36.35 2.35 -2.61 N	36.29 2.45 0.00 N	31.48 2.04 0.00 N	
BOWLINE___1 23526	42.30 0.17 -38.66 N	34.34 0.56 -22.13 N	43.12 0.69 -25.44 N	46.43 0.72 -26.99 N	45.60 1.63 -1.87 N	28.73 1.01 -6.13 N	26.00 1.30 -1.90 N	25.64 1.46 -0.42 N	39.22 1.25 -17.21 N	52.97 1.08 -33.96 N	44.82 1.58 -18.33 N	40.47 2.11 -6.43 N	38.77 2.33 -0.48 N	38.86 2.27 0.00 N	38.07 2.26 0.00 N	36.26 2.19 0.00 N	71.30 2.66 -28.61 N	47.36 3.14 -1.19 N	50.41 3.43 -0.15 N	49.17 3.28 -0.65 N	42.03 2.76 0.00 N	35.51 2.17 -1.95 N	35.85 2.01 0.00 N	30.99 1.55 0.00 N	
BOWLINE___2 23595	42.31 0.17 -38.66 N	34.34 0.56 -22.13 N	43.12 0.69 -25.44 N	46.44 0.72 -26.99 N	45.61 1.64 -1.87 N	28.73 1.01 -6.13 N	26.00 1.30 -1.90 N	25.64 1.46 -0.42 N	39.22 1.25 -17.21 N	52.98 1.08 -33.96 N	44.83 1.59 -18.33 N	40.48 2.11 -6.43 N	38.78 2.33 -0.48 N	38.87 2.27 0.00 N	38.07 2.26 0.00 N	36.27 2.19 0.00 N	71.31 2.67 -28.61 N	47.36 3.14 -1.19 N	50.41 3.43 -0.15 N	49.18 3.29 -0.65 N	42.03 2.77 0.00 N	35.52 2.18 -1.95 N	35.85 2.01 0.00 N	30.99 1.55 0.00 N	
BROOKHAVEN___DRP 24191	43.31 0.21 -39.63 N	34.94 0.60 -22.68 N	43.73 0.67 -26.08 N	47.01 0.62 -27.67 N	45.39 1.37 -1.92 N	28.94 1.07 -6.28 N	26.63 1.87 -1.94 N	26.43 2.24 -0.43 N	40.32 1.91 -17.64 N	54.39 1.64 -34.81 N	46.26 2.56 -18.79 N	43.82 3.49 -8.39 N	47.23 3.81 -7.46 N	40.12 3.52 0.00 N	39.36 3.55 0.00 N	37.34 3.27 0.00 N	73.30 3.94 -29.33 N	49.44 5.19 -1.22 N	52.75 5.76 -0.15 N	51.42 5.30 -0.88 N	49.78 4.61 -5.90 N	46.10 3.43 -11.29 N	37.11 3.27 0.00 N	31.68 2.24 0.00 N	
BROOKLYN_NAVY_YARD	43.31	35.01	43.88	47.23	45.96	29.10	26.33	25.97	39.91	54.00	45.57	41.09	39.30	39.41	38.62	36.82	72.66	48.03	51.10	49.87	42.64	36.04	36.31	31.36	



























































	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
WADING RIVER_IC_3 23601	43.30 0.20 -39.63 N	34.92 0.57 -22.68 N	43.69 0.62 -26.08 N	46.94 0.54 -27.67 N	45.22 1.20 -1.92 N	28.89 1.02 -6.28 N	26.62 1.87 -1.94 N	26.43 2.24 -0.43 N	40.31 1.90 -17.64 N	54.39 1.64 -34.81 N	46.26 2.56 -18.79 N	43.82 3.49 -8.39 N	47.23 3.80 -7.46 N	40.05 3.45 0.00 N	39.29 3.48 0.00 N	37.27 3.20 0.00 N	73.23 3.87 -29.33 N	49.45 5.20 -1.22 N	52.77 5.78 -0.15 N	51.36 5.24 -0.88 N	49.78 4.61 -5.90 N	46.06 3.38 -11.29 N	37.12 3.28 0.00 N	31.65 2.21 0.00 N	
WALDEN___HYDRO 24148	42.58 0.19 -38.92 N	34.52 0.59 -22.27 N	43.34 0.75 -25.61 N	46.66 0.76 -27.17 N	45.70 1.71 -1.88 N	28.77 1.01 -6.17 N	26.00 1.29 -1.91 N	25.65 1.47 -0.43 N	39.40 1.31 -17.33 N	53.29 1.15 -34.20 N	45.04 1.68 -18.46 N	40.63 2.22 -6.47 N	38.91 2.46 -0.48 N	39.03 2.43 0.00 N	38.20 2.40 0.00 N	36.40 2.33 0.00 N	71.68 2.87 -28.77 N	47.56 3.34 -1.19 N	50.65 3.67 -0.15 N	49.40 3.50 -0.65 N	42.20 2.94 0.00 N	35.64 2.29 -1.96 N	35.98 2.14 0.00 N	31.08 1.64 0.00 N	
WARRENSBURG____ 23737	56.95 0.28 -53.19 N	43.01 0.90 -30.45 N	53.28 1.28 -35.01 N	57.27 1.41 -37.14 N	47.71 3.04 -2.57 N	31.63 1.60 -8.43 N	27.12 1.70 -2.61 N	26.13 1.78 -0.58 N	46.25 1.67 -23.81 N	66.42 1.49 -46.99 N	52.06 1.79 -25.36 N	42.69 1.86 -8.90 N	38.27 1.64 -0.66 N	38.05 1.45 0.00 N	37.14 1.33 0.00 N	35.31 1.24 0.00 N	81.37 1.90 -39.43 N	46.74 2.08 -1.64 N	49.77 2.73 -0.21 N	49.24 3.10 -0.89 N	42.39 3.13 0.00 N	36.61 2.53 -2.69 N	36.37 2.53 0.00 N	31.37 1.93 0.00 N	
WATERSIDE___6 8 9 23538	43.32 0.22 -39.62 N	35.03 0.69 -22.68 N	43.91 0.84 -26.08 N	47.26 0.87 -27.67 N	45.96 1.94 -1.92 N	29.12 1.24 -6.28 N	26.36 1.61 -1.94 N	26.02 1.83 -0.43 N	39.92 1.52 -17.64 N	53.99 1.24 -34.80 N	45.55 1.86 -18.78 N	43.06 2.55 -8.58 N	42.45 2.89 -3.59 N	42.58 2.89 -3.10 N	41.95 2.88 -3.25 N	37.71 2.84 -0.80 N	72.71 3.36 -29.32 N	48.66 3.76 -1.87 N	51.12 4.09 -0.20 N	49.91 3.93 -0.73 N	43.91 3.34 -1.31 N	39.87 2.71 -5.77 N	36.48 2.56 -0.08 N	31.45 2.02 0.00 N	
WDELAWARE___HYD 323627	38.23 0.07 -34.68 N	31.72 0.21 -19.85 N	40.04 0.23 -22.82 N	43.16 0.21 -24.22 N	44.27 0.49 -1.68 N	27.44 0.35 -5.50 N	25.07 0.56 -1.70 N	24.82 0.68 -0.38 N	36.85 0.63 -15.45 N	49.01 0.57 -30.49 N	42.24 0.87 -16.46 N	38.87 1.16 -5.77 N	37.66 1.26 -0.43 N	37.80 1.20 0.00 N	37.00 1.19 0.00 N	35.25 1.17 0.00 N	67.21 1.56 -25.62 N	46.00 1.90 -1.06 N	49.05 2.08 -0.13 N	47.76 1.93 -0.58 N	40.84 1.57 0.00 N	34.28 1.15 -1.75 N	34.77 0.93 0.00 N	30.03 0.59 0.00 N	
WEST BABYLON___IC 23714	43.34 0.24 -39.63 N	35.03 0.69 -22.68 N	43.87 0.80 -26.08 N	47.20 0.81 -27.67 N	45.81 1.79 -1.92 N	29.07 1.20 -6.28 N	26.61 1.85 -1.94 N	26.46 2.27 -0.43 N	40.31 1.91 -17.64 N	54.39 1.64 -34.81 N	46.28 2.58 -18.79 N	43.86 3.53 -8.39 N	47.31 3.89 -7.46 N	40.35 3.76 0.00 N	39.55 3.74 0.00 N	37.51 3.43 0.00 N	73.36 4.00 -29.33 N	49.32 5.08 -1.22 N	52.67 5.68 -0.15 N	51.47 5.35 -0.88 N	49.73 4.56 -5.90 N	46.22 3.54 -11.29 N	37.24 3.40 0.00 N	31.93 2.49 0.00 N	
WEST CANADA___HYD 24049	2.40 0.02 1.09 N	11.08 0.05 0.63 N	16.35 0.08 0.72 N	18.04 0.07 0.76 N	42.23 0.17 0.05 N	21.53 0.11 0.17 N	22.87 0.11 0.05 N	23.86 0.12 0.01 N	20.39 0.10 0.48 N	17.07 0.09 0.96 N	24.54 0.14 0.52 N	31.92 0.16 0.18 N	36.13 0.18 0.01 N	36.77 0.17 0.00 N	35.99 0.18 0.00 N	34.26 0.18 0.00 N	39.50 0.28 0.81 N	43.31 0.32 0.03 N	47.18 0.36 0.00 N	45.56 0.34 0.02 N	39.54 0.28 0.00 N	31.55 0.22 0.06 N	34.05 0.20 0.00 N	29.60 0.16 0.00 N	
WESTERN_NY_WIND 24143	9.21 -0.07 -5.81 N	14.61 -0.37 -3.32 N	20.38 -0.43 -3.82 N	22.30 -0.48 -4.06 N	41.45 -0.94 -0.28 N	22.19 -0.33 -0.92 N	22.59 -0.50 -0.28 N	23.05 -0.77 -0.06 N	22.58 -0.78 -2.59 N	22.31 -0.73 -5.11 N	26.77 -0.91 -2.76 N	31.64 -1.27 -0.97 N	34.65 -1.39 -0.07 N	35.06 -1.53 0.00 N	34.48 -1.33 0.00 N	33.37 -0.70 0.00 N	43.27 -1.07 -4.30 N	42.56 -0.65 -0.18 N	46.19 -0.66 -0.02 N	44.61 -0.73 -0.10 N	38.52 -0.74 0.00 N	30.86 -0.82 -0.29 N	32.83 -1.01 0.00 N	29.22 -0.22 0.00 N	
WESTOVER___LESR 323668	16.52 0.03 -13.02 N	19.14 0.03 -7.45 N	25.64 0.08 -8.57 N	27.86 0.04 -9.09 N	42.93 0.20 -0.63 N	23.78 0.13 -2.06 N	23.62 0.17 -0.64 N	24.08 0.18 -0.14 N	26.76 0.18 -5.80 N	29.50 0.10 -11.46 N	31.26 0.16 -6.18 N	34.23 0.12 -2.17 N	36.28 0.15 -0.16 N	36.72 0.12 0.00 N	36.05 0.24 0.00 N	34.43 0.35 0.00 N	50.08 0.41 -9.64 N	44.00 0.57 -0.40 N	47.48 0.59 -0.05 N	45.94 0.47 -0.22 N	39.62 0.35 0.00 N	32.26 0.22 -0.66 N	34.10 0.26 0.00 N	29.81 0.37 0.00 N	
WETHRSFD_WT_PWR 323626	10.83 -0.12 -7.48 N	15.38 -0.56 -4.28 N	21.22 -0.70 -4.93 N	23.14 -0.81 -5.23 N	40.74 -1.73 -0.36 N	21.98 -0.80 -1.19 N	22.25 -0.93 -0.37 N	22.72 -1.12 -0.08 N	23.12 -0.99 -3.34 N	23.51 -1.02 -6.59 N	27.12 -1.35 -3.56 N	31.34 -1.84 -1.25 N	34.02 -2.04 -0.09 N	34.55 -2.04 0.00 N	34.01 -1.80 0.00 N	32.82 -1.26 0.00 N	43.84 -1.73 -5.54 N	41.77 -1.49 -0.23 N	45.29 -1.57 -0.03 N	43.87 -1.51 -0.13 N	37.92 -1.34 0.00 N	30.50 -1.27 -0.38 N	32.60 -1.24 0.00 N	28.99 -0.45 0.00 N	
YORK___WARBASSE 23770	43.33 0.24 -39.62 N	35.07 0.73 -22.68 N	43.96 0.90 -26.08 N	47.33 0.94 -27.67 N	46.09 2.07 -1.92 N	29.17 1.30 -6.28 N	26.41 1.65 -1.94 N	26.07 1.88 -0.43 N	39.98 1.58 -17.64 N	54.08 1.34 -34.80 N	45.72 2.02 -18.78 N	50.99 2.76 -16.30 N	54.70 3.11 -15.62 N	54.78 3.07 -15.11 N	54.75 3.06 -15.88 N	40.96 3.00 -3.89 N	72.87 3.51 -29.32 N	51.50 4.06 -4.41 N	51.65 4.44 -0.38 N	50.51 4.25 -1.02 N	49.25 3.61 -6.38 N	54.67 2.90 -20.38 N	36.97 2.74 -0.39 N	31.58 2.14 0.00 N	