

A Brief Look at Biomass Energy in the Northeastern United States

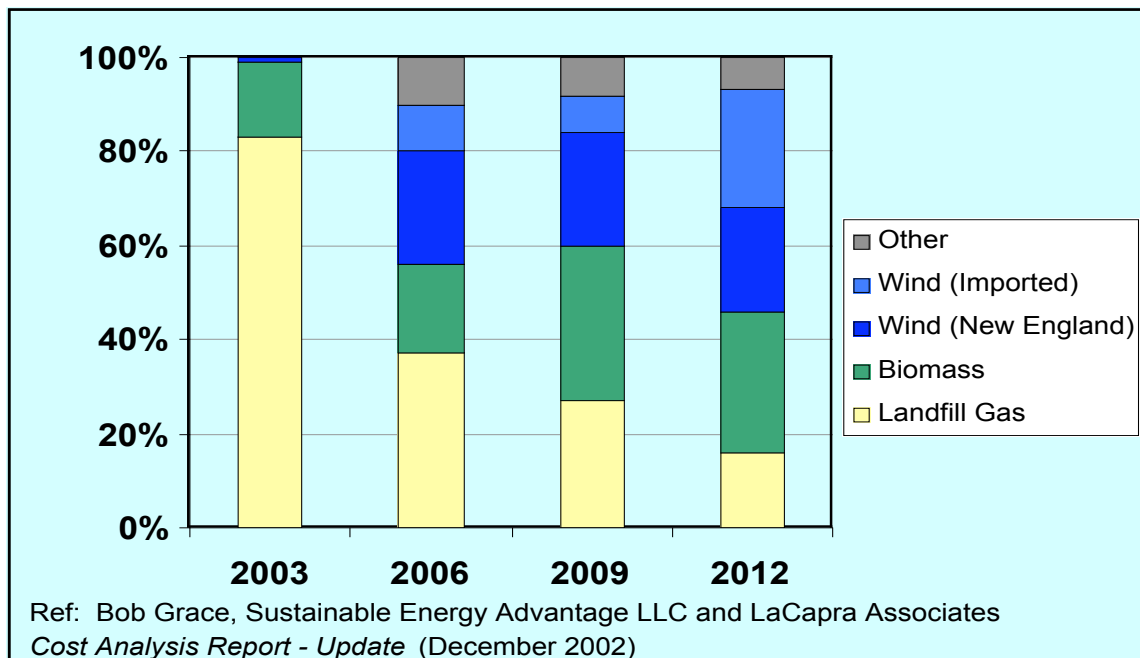
Incentives, policies and initiatives on the state level:

- Renewable Portfolio Standards (RPS)
- Tax Credits
- System Benefit Charge
 - Renewable Energy Funds
- Renewable Energy Credits (REC's)
- Green Power Initiative
- Climate Protection Plan

Minimum Renewable Energy Compliance by State by Percentage

	2004	2005	2006	2007	2008	2009
MA	1.5	2.0	2.5	3.0	3.5	4
CT	1	1.5	2	3.5	5	6
RI				3	3.5	4

Projected contributions to Massachusetts RPS



Woody Biomass Generation qualifying for Massachusetts Renewable Energy Credits

Facility	Location	Capacity MW
Indeck	W. Enfield, ME	27
Indeck	Jonesboro, ME	27
Deblois	ME	25.85
Ware Cogen	Ware, MA	8.6

Existing Biomass Plants considering Re-tooling to qualify for REC's

Facility	Location	Technology	Capacity MW
Schiller Station	Portsmouth, NH	Fluidized bed gasifier	45
Pinetree Power	Center Barnstead, NH	Close-coupled gasifier	4.8
Boralex Power	Livermore Falls, ME	Fluidized bed gasifier	35
McNeil Station	Burlington, VT	Fluidized bed gasifier	50
Greenville Steam	Greenville, ME	Fluidized bed gasifier	16
Hemphill Power	Springfield, NH	Bubbling fluidized bed gasifier	16

Proposed new generation to qualify for REC's

Facility	Location	Proposed Technology	Capacity
MWCC	Gardner, MA	Downdraft gasifier (R&D)	50-75 kWe
EcoPower	MA	Fluidized bed gasifier	20.9 MW
Renewable Oil International	Chesterfield, MA	Fast Pyrolysis (R&D)	50 kWe
Heyes Fores Products	Orange, MA	Downdraft gasifier	300 kWe
GenPower	ME & NH	Bubbling fluidized bed gasifier	40 MW each
GenPower	MA & RI	Bubbling fluidized bed gasifier	20 MW each
Russell Power	Russell, MA	Bubbling fluidized bed gasifier	50 MW

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