



Feature	Measure
Number of trees	3,585,000 tons
Tree cover	17.2%
Most common species	white ash, mulberry, green ash, tree-of-heave
	61.2%
Annual Mortality Rates	
Ash	0.15
Birch, Cherry, Hickory,	0.03
Poplar, Red Oak, Maple,	0.03
Black Walnut, White Oak	0.03





7,200 Poplar



61,200 Red Oak

309,600 Maple

Robbins Community Power



Robbins Community Power is a retrofit of a wood biomass renewable power plant from a municipal solid waste power plant. The focus of this IPRO is to devise a plan which Robbins can use to gather a supply of green wood chips to complement the drier C&D wood chips in order to keep the boilers burning at the most efficient temperature. A plan was devised to create a network with existing companies that produce green waste, such as landscapers and tree trimming companies, and collect their waste at one location for Robbins. Inevitably, wood is more valuable in the form of dimensioned lumber than chips or sawdust. To take advantage of this, the wood should be separated and a sawmill to process the wood could be used. In doing this, Robbins will be taking full advantage of its resources and be the most sustainable it can be.

14,400 Black Walnut

43,200 White Oak