



Efficient Ethanol Production

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February 21, 2008*

2/21/08

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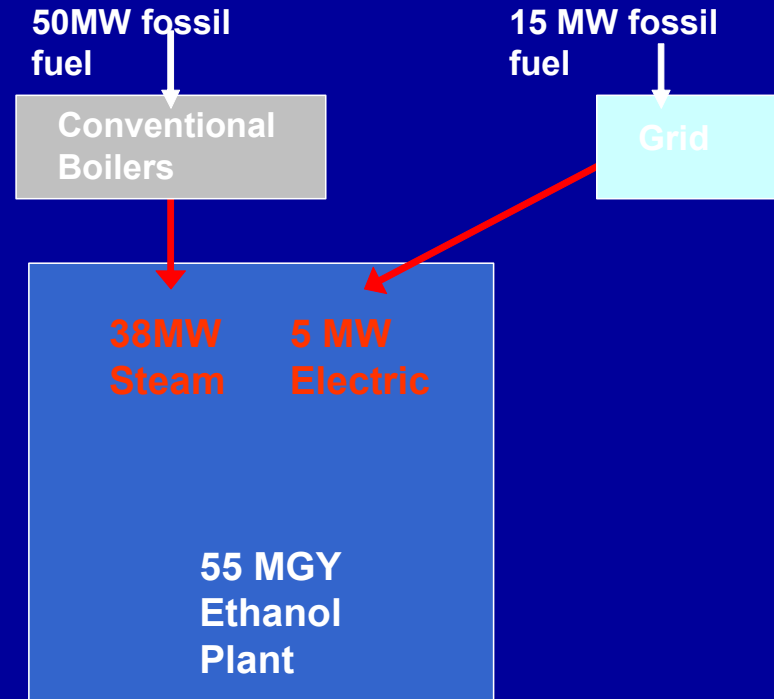
Recycled Energy Development

- \$1.5 billion of equity, with \$200 million of clean energy projects already under discussion. Eager to invest in ethanol.
- Goal is to reduce greenhouse gas emissions profitably.
- Helps industries slash energy costs, increase their competitiveness, maintain and create jobs.
- RED principals have built more than 250 power plants, costing more than \$2 billion and producing more than 10,000 megawatts.

Conventional Dry Mill Ethanol Energy Balance

BTUs per Gallon of Ethanol

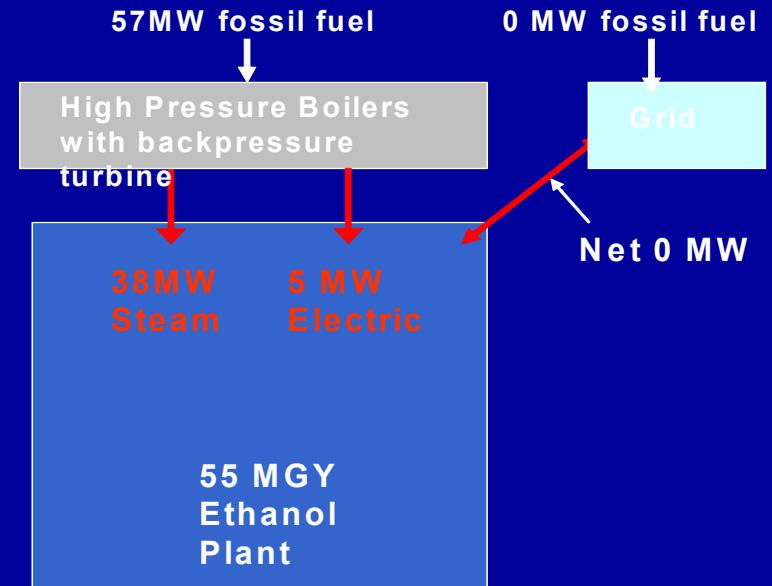
Ethanol / gal	76,000
Fossil for Crop	(25,000)
Fossil for Plant	<u>(35,000)</u>
Fossil saved per gal ethanol	16,000



Dry Mill Ethanol Energy Balance with Self-Generation

BTUs per Gallon of Ethanol

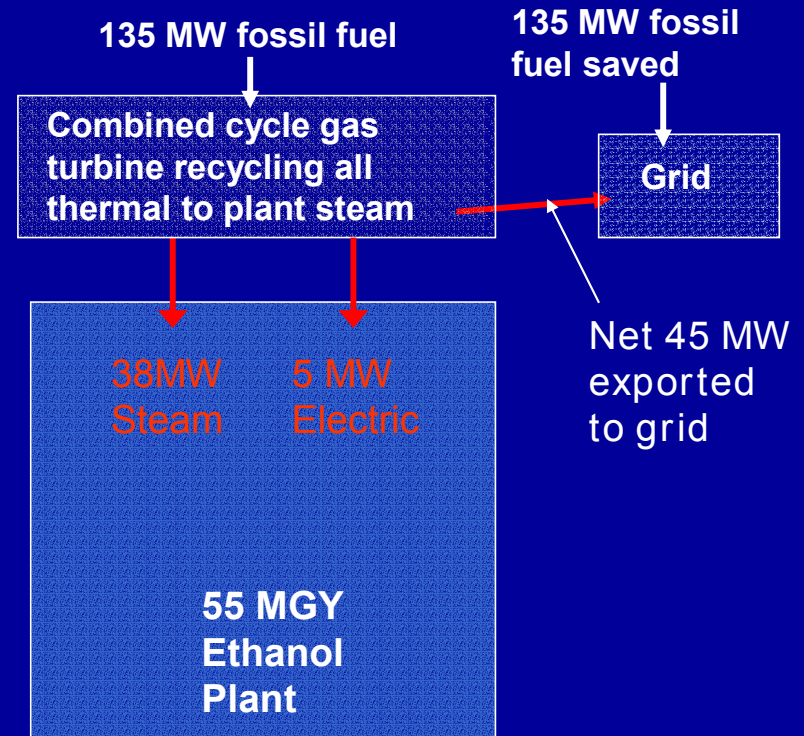
Ethanol / gal	76,000
Fossil for Crop	(25,000)
Fossil for Plant	(31,000)
Fossil saved per gal ethanol	20,000



Dry Mill Ethanol Energy Balance with Optimal Generation

BTUs per Gallon of Ethanol

Ethanol / gal	76,000
Fossil for Crop	(25,000)
Fossil for Plant	(0)
Fossil saved per gal ethanol	51,000





Clean Energy Standard Offer Program (CESOP)

States could encourage development of recycled energy and other clean technologies with a 'Clean Energy Standard Offer Program' (CESOP)

- Offer 20-year CESOP contracts for electricity generated by qualifying clean technology facilities, as defined in Subtitle D of the 2007 Energy Act.
- Pay roughly 80% of the cost of delivering power from new coal plants. Obtain a discount against current best deal for new power.
- Embrace opportunity to capture waste heat from energy-intensive industries. Increase the competitiveness of those industries.



Thank you

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