



AMERICAN DEVELOPMENT
INSTITUTE

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Zambarano Memorial Hospital (Central Biomass Plant Project) Burriville, RI



SUMMARY

ADI Energy was hired to develop and design a biomass energy plant at the Zambarano Memorial Hospital Facility in Burriville, RI.

Size: 500,000 sq. ft.

SERVICES

- Life cycle cost analysis
- Capital investment and maintenance planning
- Consumption usage analysis
- Site evaluation
- Resource assessment
- Consumption usage analysis
- Design of System
- Environmental and regulatory analysis
- Energy Design Build Services
- Energy saving HVAC
- Energy Financial Analysis
- Utility management
- Utility reductions
- Plant sustainability
- Energy efficiency Rhode Island
- Energy consulting Rhode Island
- Renewable energy services
- Turkey energy services

UNIQUE VALUE TO CUSTOMER

Contracted by Chevron ES, ADI Energy developed and designed a solution whereby a new biomass plant will be installed at the Zambarano Memorial Hospital with an estimated initial investment of \$2,200,000. The Zambarano Memorial Hospital will save \$507,000 and will eliminate over 1200 tons of CO₂ on an annual basis.

ADI Energy provided the Chevron with an assessment and recommendations on Zambarano Memorial Hospital's existing cooling systems, biomass as a fuel source, technology options, project economics analysis as well as full stamped design drawing for Zambarano Memorial Hospital's mechanical systems and air permitting equipment.

MEASURES

- Biomass heating plant