

A Way Forward

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Further Analysis and Study

- Stack Heat Recovery O&M costs
- Exhaust Heat Exchanger Costs
- Fowling and Back Pressure Issues
- ULSD Implications (acid dew point, when will it be used)
- ORC Unit Efficiencies at various ΔT

Demonstration Projects

- Demonstration in Rural Alaska
- Need a local champion
- Need Engineering Design Firm to get knowledgeable
- Funding (RFP Rural Alaska Energy Cost Reduction Projects)
 - \$4.4 Million
 - 50% grant for design and construction
 - Feb 12th 2008 Deadline

Design Resources

- ORC Vendors
- AEA Webpage (Diesel Efficiency)
- Jacket Water Heat Recovery Spreadsheet
 - <ftp://ftp.aidea.org/>
 - Alternative Energy and Energy Efficiency Folder
 - Heat Recovery Folder

Other

- Join Diesel Efficiency Working Group
- Stack Heat Recovery and ORC as part of RPSU CDRs