

# Alaska Rural Energy Plan

Initiatives  
For  
Improving  
Energy Efficiency  
and  
Reliability

**Volume II**  
**Analysis and Recommendations**  
**For Diesel Efficiency, Combined Heat and Power,  
Wind Power, and End Use Efficiency**

Prepared for:  
**Alaska Energy Authority**

With Support from  
**Denali Commission**  
**USDA Rural Development**

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**April 2004**

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## Abbreviations

ANTHC	Alaska Native Tribal Health Consortium
NREL	National Renewable Energy Laboratory
NIST	National Institute for Standards and Technology
PCE	power cost equalization
PUC	Texas Public Utilities Commission
RPS	Renewables Portfolio Standard
IPP	Independent Power Producer
KEA	Kotzebue Electric Association
NREL	National Renewable Energy Laboratory
DOE	U.S. Department of Energy
AOC	Atlantic Orient Corporation
AVEC	Alaska Village Electric Cooperative
ISER	Institute for Social and Economic Research
TDX	Tanadgusix Corporation
kWh	Kilowatt hour
MAFA	Mark A. Foster and Associates
PURPA	Public Utilities Regulatory Policy Act of 1978
RTED	real-time economic dispatch
APT	Alaska Power and Telephone
ARECA	Alaska Rural Electric Cooperative Association
SCADA	Supervisory Control and Data Acquisition
AMR systems	Automated meter reading systems
CFL	compact fluorescent light
AEA	Alaska Energy Authority
kWh <sub>sold</sub>	Kilowatt hours sold
MWh	Megawatt Hours
KW	Kilowatt
KVA	Kilovolt-Ampere