

Agency: Commerce, Community and Economic Development

Grants to Municipalities (AS 37.05.315)

Grant Recipient: Ouzinkie

Project Title:

Project Type: Equipment and Materials

Ouzinkie - Alternative Wind Energy Generation - Phase I Data Collection

State Funding Requested: \$10,000

House District: 36 / R

Future Funding May Be Requested

Brief Project Description:

This project completes funding and installation of wind data collection equipment for eventual wind power generation.

Funding Plan:

Total Cost of Project: \$11,500

	<u>Funding Secured</u>		<u>Other Pending Requests</u>		<u>Anticipated Future Need</u>	
	<i>Amount</i>	<i>FY</i>	<i>Amount</i>	<i>FY</i>	<i>Amount</i>	<i>FY</i>
Local Funds	\$1,500	08				
Total	\$1,500					

Detailed Project Description and Justification:

Ouzinkie has utilized alternative energy with the use of hydro power for 15 years. This has worked well for the community, and has been a large saving of fuel when compared to diesel generation. The community wishes to enhance this component of our generation facilities with the addition of wind power. Ouzinkie is located on Spruce Island, which has a high potential for wind generation. The total project is expected to be completed in five phases.

The current funding request completes Phase Two of the project, by completing installation of the data collection wind tower. The City of Ouzinkie has already expended \$1,500 for site preparation and some equipment purchase.

Phase Three is generator construction and installation (50kW)

Phase Four is installation of power control equipment to integrate wind into the existing grid.

Phase Five is design and engineering, installation of SCADA computer controls and programmable logic controllers.

Project Timeline:

FY10 for equipment purchase and installation.

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

City of Ouzinkie

For use by Co-chair Staff Only:

\$10,000
Approved

Grant Recipient Contact Information:

Name:	Linda Getz
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Has this project been through a public review process at the local level and is it a community priority? Yes No