

G012-A: "Energy and Transmission Needs Study on North Dakota Oil Development"

- Submitted by: Basin Electric Power Cooperative
- Principal Investigator: Pace Global Energy Services, LLC
- Project Duration: 3 months;
- Total Project Costs: \$201,600
- Request for: \$49,000

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- The objective of this project is to collect data to develop an oil and gas development forecast for a 20 year period.
- The forecast will be used by the applicant to create oil pumping load curves for major formations in the Williston Basin, analyze oil recovery techniques, determine pipeline capacity, outline environmental issues and identify other potential oil development.

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- Oil drilling plans for the scenario will be collected through confidential interviews with the ‘top ten oil producers and developers in the service area”
- The forecast will be used to determine future energy load requirements.

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- There are problems associated with any forecasting of this type.
- The development of extra-basin reserves have the real potential of significantly lowering regional/world oil prices in the time frame of the proposed forecast.
- The success of some 'resource' level plays has yet to be proven; the aerial extent of development may not be as widespread as originally anticipated; and the technology development phase may be years into the future.

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- Forecasts of this type are useful and necessary.
- A 20 year forecast scenario would have value to other entities as a basis of comparison.
- The ability of the Applicant to successfully anticipate future industry power needs will help control power price fluctuations, potentially reducing lease operating expenses.

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- The project is consistent with goals set forth by the Research Council.
- Funds requested are approx. 24% of the total project costs.

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Reviewers Ratings

- Average weighted score of 186.3 out of a total maximum of 250.
- 3 Reviewers: 1 do not fund; 2 do fund.
- Technical Advisor's recommendation: consider to fund