



# High Voltage Direct Current Transmission Project

## Project Status Update to Southeast Conference

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Joel Groves – Project Manager  
Polarconsult Alaska, Inc.

907-258-2420

[joel@polarconsult.net](mailto:joel@polarconsult.net)

## Project Background

### **PURPOSE**

- Develop HVDC Transmission for Remote Alaskan Electrical Interties
  - Reduce Transmission Capital Costs
  - Enable More Interties
  - Enable More Local Energy Developments

### **TASKS & SCHEDULE**

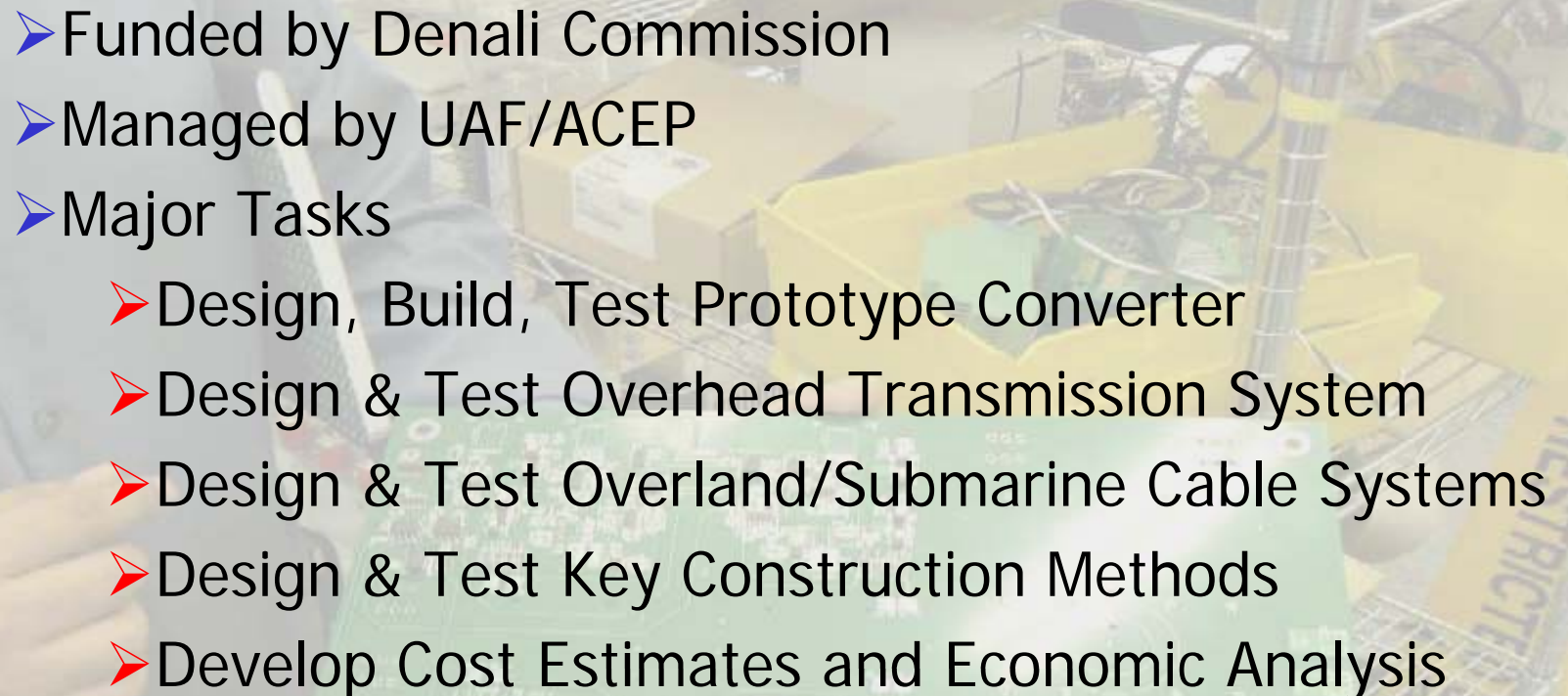
- Phase I (Proof of Concept) Completed Summer 2009
- Phase II (Prototyping and Testing) Spring 2010 – Fall 2011
- Phase III (Demonstration Project) TBD





## Phase II Overview

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- Funded by Denali Commission
  - Managed by UAF/ACEP
  - Major Tasks
    - Design, Build, Test Prototype Converter
    - Design & Test Overhead Transmission System
    - Design & Test Overland/Submarine Cable Systems
    - Design & Test Key Construction Methods
    - Develop Cost Estimates and Economic Analysis

## Stakeholder Involvement

- ACEP will be forming a Stakeholder Advisory Group for Phase II
  - Provide Input
  - Review Major Deliverables
- SAG will meet at Rural Energy Conference in Fairbanks – Late April
  - Informal SAG meeting after today's Legislative Panel
  - Contact me for more information
    - [joel@polarconsult.net](mailto:joel@polarconsult.net)
    - 907-258-2420

