



State of Alaska
 Department of Labor & Workforce Development
 Division of Business Partnerships
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**Denali Training Fund Program
 Quarterly Progress Report**

Funds for this project are provided by the Denali Commission and the USDOL and managed, in partnership, by the Alaska Department of Labor and Workforce Development.

Name of Organization:	Chaninik Wind Group / 10-205
Name of Project:	Wind Turbine Construction, Maintenance, and Electrical Upgrades
Reporting Period:	04/1/11- 06/30/11
Contact Name:	Ona Brause
Contact Number:	(907) 770-6367

Certification: I certify that the information in this report is current, correct and true and in accordance with the terms and conditions of the agreement.

Signed by: *Ona Brause* Dated 7/15/11

The performance of this grant will be based upon the success achieved in relation to the goals established and approved by the Alaska Department of Labor, and will be reported in the Grantee's quarterly progress reports. Specific goals and objectives for this project are:

The Chaninik Wind Group is a coalition comprised of four villages on the Lower Kuskokwim is dedicated to improving their quality of life by increasing their energy independence and efficiently and providing jobs for local residents. The Chaninik Wind Group has acquired funding for high penetration wind turbines through the State of Alaska DCCED via the capital budget, as well as grants from the newly established Renewable Energy Fund. The Kuskokwim region lacks local utility workers required to construct, maintain and optimize efficiency of a new wind system.

Puvurna Power Co (Kongiganak), Tuntutuliak Community Services Association, Kwigillingok Power Company, and Kipnuk Light Plant will partner with designated providers to coordinate the training. Training will include wind turbine maintenance and safety procedures onsite in Kongiganak and Kwigillingok, John Deere engine maintenance training, Woodward EasYGen power management control onsite in each village and meter base and thermal stove installation and repair onsite in each village.

Trainees will already be employed by or known to power plant administrators, who will recommend them for the training and then hire them to work on construction, installation, or maintenance wind turbine projects in each of the four villages.

TARGET POPULATION: 15 participants
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Participants served to date: 24

GOALS/OBJECTIVES ACCOMPLISHED TO DATE:

Please provide the status of each objective. Enter the number competed to date in the table below.
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Objective 1.1a

12 Participants will earn OSHA 10 hour Construction Safety Card.

Objective 1.1b

12 Participants will earn Competent Climber Certification.

Objective 1.1c

12 Participants will earn CPR/First Aid/AED Certification.

Objective 1.2

12 Participants will complete John Deere engine generator maintenance training for current power plant engines.

Objective 1.3

15 participants will complete Woodward Generator/EasYGen Power Management certification - includes general village power plant systems operation.

Objective 1.4

12 Participants will complete nacelle and tower construction and maintenance training.

Objective 1.5

12 Participants will complete meter base and thermal stove installation and repair training.

Objective 1.6

15 participants will be employed on the wind turbine projects in the villages of Kongiganak, Tuntutuliak, Kwigillingok and/or Kipnuk.

Goals & Obj.	Outcome	Number to be Completed	# Completed to Date	Documentation
1 1a	Participants will earn OSHA 10 hour Construction Safety Card	12	10	Maintain copies of completion certificates on file.
1b	Participants will earn Competent Climber Certification	12	15	Maintain copies of completion certificates on file.
1c	Participants will earn CPR/First Aid Certification	12	10	Maintain copies of completion certificates on file.
2	Participants will complete John Deere engine generator maintenance training.	12	10	Maintain copies of completion certificates on file.
3	Participants will complete the Woodward EasYGen Controller and Power Systems Overview.	15	13	Maintain copies of completion certificates on file.
4	Participants will complete nacelle construction and maintenance training.	12	12	Maintain copies of completion certificates on file.
5	Participants will complete meter base and thermal stove installation and repair training.	12	13	Maintain copies of completion certificates on file.
6	Participants will be employed on the wind turbine projects in the villages of Kongiganak, Tuntutuliak, Kwigillingok and Kipnuk.	15	24	Maintain letter of employment on file.

NARRATIVE OF SERVICES:

Provide a brief narrative of services provided this quarter by applicable Goal/Objective as listed above.

10 Clients from three separate villages completed First Aid and CPR Training. This was accomplished onsite at the village of Tuntutuliak to ensure hands-on practical knowledge in a local setting was provided. In-kind assistance from the Emergency Medical Services / Injury Control Department of the Yukon Kuskokwim Health Corporation (in-kind services worth ~ \$2,500). Students were awarded the **Red Cross First Aid and CPR** certifications (Objective 1.1c as amended)

13 Clients from four villages completed Basic Residential Electrical Training focusing on Meter Base and Thermal Stove Installation and Repair. Instruction was delivered by certified electrician Gary Roberts and the IES education specialist. The initial part of the training consisted of two days in the village of Tuntutuliak with all students present. Day one consisted of formal classroom instruction with students covering basic electrical safety, code, specific installation layout for meters and stove, installation schematics, etc.. Day two all students received hands-on field based instruction which included: site surveys, client relations, installation specifics like location and routing of electrical components, etc.. Under the tutelage of the instructors, students then returned to their respective community to organize and develop their village's installation program. Technicians from each community were mentored for three to four days while completing electrical installations of stoves and meter-based for their respective village residents. Instructors maintained contact with students until they demonstrated an adequate level of competency to complete the project unattended.

ACCOMPLISHMENTS: SUCCESS STORIES:

Provide a narrative of participant successes resulting from participation in your program. Please include photos.

Students completed basic First Aid and CPR training. This compliments and completes their safety training. Combined with OSHA, Wind Turbine, Rescue and Climbing training this workforce has become a very important safety and safety management asset for their respective communities.

Students gained pertinent skills to work as residential electricians. The proper use of tools, client satisfaction, site surveying, electrical safety, specific electrical code and the proper wiring and installation of Thermal Storage Units was taught. Students were mentored in the deployment of these high tech components in residences in each of their respective communities. A high level of competency in doing electrical work was observed for each student; allowing them to complete the installations as employees of their local utilities.

[Photos of classroom and operational settings included in hardcopy and disc.]

PLANNED ACTIVITIES FOR NEXT REPORTING PERIOD:

Describe the grant activities you expect to complete during the next quarter.

Project initiative completed and grant closed.

ON TIME AND ON BUDGET:

Are the grant activities progressing as planned? Are you within your budget? If not, what is the cause? What is the solution? How can we help?

Major project / grant activities now completed. We have had no budget problems.

DEMOGRAPHIC DATA:

List the number of trainees by their home community, the type of training, certification, training date, graduation date, and who will employ them upon completion of training this quarter.

Number of Trainees	Home Community	Type of Training	Type of Certification	Training Dates	Graduation Date	Commitment for employment after training
4	Tuntutuliak	First Aid CPR	Certification	6/9 - 6/10	6/10	Local utility hire for diesel/wind system work
3	Kongiganak	First Aid CPR	Certification	6/9 - 6/10	6/10	Local utility hire for diesel/wind system work
3	Kwigillingok	First Aid CPR	Certification	6/9 - 6/10	6/10	Local utility hire for diesel/wind system work
1	Bethel	Meter-base, Thermal Stove Installation and Repair	Competency Qualification	6/10 - 6/22	6/22	Local hire for engineering and development firm
5	Tuntutuliak	Meter-base, Thermal Stove Installation and Repair	Competency Qualification	6/10 - 6/22	6/22	Local utility hire for diesel/wind system work
4	Kongiganak	Meter-base, Thermal Stove Installation and Repair	Competency Qualification	6/10 - 6/22	6/22	Local utility hire for diesel/wind system work
3	Kwigillingok	Meter-base, Thermal Stove Installation and Repair	Competency Qualification	6/10 - 6/22	6/22	Local utility hire for diesel/wind system work

Please note: The data collected in your Quarterly Progress Report provides vital information that can have a direct impact on future funding for our grant programs. Forwarding your success stories and photos as part of our requests is further evidence of how rural youth training is crucial to building a strong workforce for Alaska. Thank you in advance for your cooperation.