



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:	01/1/11- 03/31/11
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 4/25/11 Revised

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 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.

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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: 18

GOALS/OBJECTIVES ACCOMPLISHED TO DATE: Please provide the status of each objective. Enter the number completed 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	0	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	11 (with 1 pending exam)	Maintain copies of completion certificates on file.
	5	Participants will complete meter base and thermal stove installation and repair.	12	0	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	18	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 four separate villages completed comprehensive two day training from a highly competent Occupational Health and Safety instructor. This was accomplished onsite at the village of Kongiganak to ensure hands-on practical knowledge in a local setting was provided along with the necessary technical content. Students were awarded the **OSHA Construction Safety and Health** certifications (Objective 1.1a as amended)

10 Clients from four villages completed **John Deere Generator Systems Operations and Maintenance** training. This was accomplished onsite at each village power facility to ensure hands-on practical knowledge and training on each villages' power systems was provided along with the technical content. (Objective 1.2 as amended)

8** Clients from three Chaninik villages participated in technical training in wind turbine technical operations and maintenance taking advantage of Windmatic turbines operating on a rural utility grid. **Nacelle and Tower Operation and Maintenance** was focused on. Students received nationally recognized **Wind Turbine Technician** Certificate. (Objective 1.4 as amended). Three trainees had participated in nacelle training in the previous quarter.

[**note: one student dropped the course due to personal reasons, and one student still pending with final testing]

10 Clients (5 others have previously been certified) participated in week long Safe Access and Rescue course; developing their tower climbing capacities and rescue competencies. Much of the course was 'out of doors' in full winter conditions in their village work environs. Students earned nationally recognized certification WE1001 **Wind Energy Safe Access and Rescue**.

ACCOMPLISHMENTS: SUCCESS STORIES:

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

Students braved harsh winter conditions (climbing, rappelling, etc.) to complete a comprehensive rescue and safety course. All of those students went on to climb towers and work operating and maintaining turbines in their respective villages. This training sets the stage for further in-house development of 'highly-competent-persons' at each facility.

This was some of the first comprehensive training for diesel operators in these villages. Being able to train with highly skilled diesel technicians, in their own villages, on their own equipment enabled operators to gain a high level of confidence in the operations and maintenance of their primary systems. Managers commented that they have seen immediate improvements in the efficiency of operations in their facilities as a direct result of the hands-on work accomplished by trainers and trainees.

These students are essentially some of the first technicians in Alaska to gain national certification and hold the prominent 'Wind Turbine Technician' designation. This recognized accomplishment will allow them to work successfully on their own physical wind power facilities as well as open doors to new employment opportunities throughout the wind industry in Alaska and nationally if desired.

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

PLANNED ACTIVITIES FOR NEXT REPORTING PERIOD:

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

Students will participate in Safety - First Aid and CPR Course provided on the jobsite in cooperation with the regional health care organization.

Meter base and stove installation and repair has been contingent upon arrival of materials (stoves and meters) and some necessary software development that will allow accurate installation of parts. Materials, software and upgrades to village distribution system will be in place by March 2011. The meter base/stove installation will be completed in 2nd quarter of 2011 as stated in amendments.

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 grant activities that were previously delayed are now on schedule for project completion 2nd quarter 2011. Current time-table is being actualized. Quality instructors have been determined, appropriate courseware has been developed and put in place, participants selected and logistical concerns like local housing have been solved.

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
3	Tuntutuliak	Diesel Engine O&M	Competency Qualification	2/9 -2/13	2/13	Local utility hire for diesel/ wind system work
3	Kongiganak	Diesel Engine O&M	Competency Qualification	1/29-2/5	2/5	Local utility hire for diesel/ wind system work
3	Kwigillingok	Diesel Engine O&M	Competency Qualification	2/5-2/9	2/9	Local utility hire for diesel/ wind system work
1	Bethel	Diesel Engine O&M	Competency Qualification	1/29 -2/5	2/5	Local hire for engineering and development firm
2	Tuntutuliak	OSHA Construction Safety	OSHA	2/11-3/2	2/24	Local utility hire for diesel/ wind system work
3	Kongiganak	OSHA Construction	OSHA	2/11-3/2	2/24	Local utility hire for diesel/ wind system

		Safety				work
3	Kwigillingok	OSHA Construction Safety	OSHA	2/11-3/2	2/24	Local utility hire for diesel/ wind system work
1	Bethel	OSHA Construction Safety	OSHA	2/11-3/2	2/24	Local hire for engineering and development firm
3	Tuntutuliak	Safe Access and Rescue CLIMBING	ENSA WE1001 Wind Energy Safe Access and Rescue	2/11-3/2	2/16	Local utility hire for diesel/ wind system work
3	Kongiganak	Safe Access and Rescue CLIMBING	ENSA WE1001 Wind Energy Safe Access and Rescue	2/11-3/2	2/16	Local utility hire for diesel/ wind system work
3	Kwigillingok	Safe Access and Rescue CLIMBING	ENSA WE1001 Wind Energy Safe Access and Rescue	2/11-3/2	2/16	Local utility hire for diesel/ wind system work
1	Bethel	Safe Access and Rescue CLIMBING	ENSA WE1001 Wind Energy Safe Access and Rescue	2/11-3/2	2/16	Local hire for engineering and development firm
2	Tuntutuliak	Nacelle and Tower Construction and Maintenance	Wind Turbine Technician	2/11-3/2	3/1	Local utility hire for diesel/ wind system work
3	Kongiganak	Nacelle and Tower Construction and Maintenance	Wind Turbine Technician	2/11-3/2	3/1	Local utility hire for diesel/ wind system work
3	Kwigillingok	Nacelle and Tower Construction and Maintenance	Wind Turbine Technician	2/11-3/2	3/1	Local utility hire for diesel/ wind system work
1	Bethel	Nacelle and Tower Construction and Maintenance	Wind Turbine Technician	2/11-3/2	3/1	Local hire for engineering and development firm

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.