

DOE OFFICE OF INDIAN ENERGY

Introduction to the Office and START Programs

Brian Hirsch, Senior Project Leader – Alaska
National Renewable Energy Laboratory
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■ Office of Indian Energy Goals and Objectives

- Promote Indian tribal energy development, efficiency, and use
- Reduce or stabilize energy costs
- Enhance and strengthen Indian tribal energy and economic infrastructure relating to natural resource development and electrification
- Bring electrical power and service to Indian land and the homes of tribal members

Energy Policy Act of 2005, Title V, Sec. 502



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■ Office of Indian Energy Programmatic Initiatives

- Approach: Partnerships & Outreach
- Indian Country Energy and Infrastructure Working Group
- Tribal Leader Forum Series
- START Program
- Education Program
- Transmission Initiatives
- Technical and Grant Assistance
- Coordinating & Leveraging (Spotlight: Economic Development)





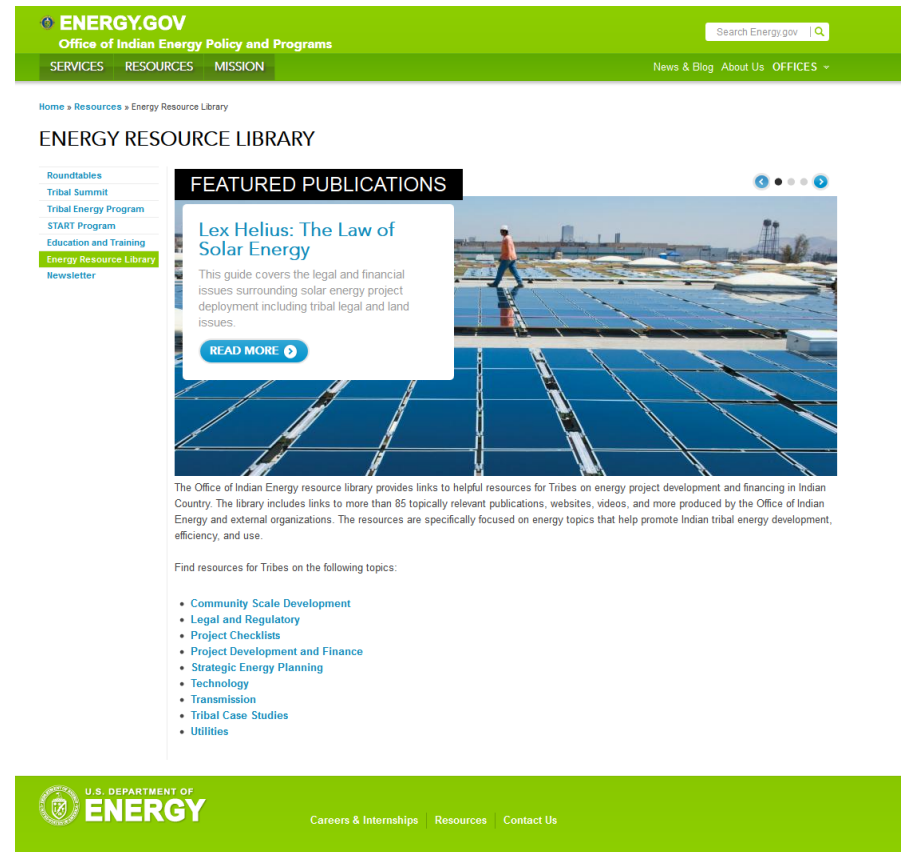
■ ■ START Program

- Accelerates clean energy project development and advances energy self-sufficiency and job creation in Indian Country
- Provides on-the-ground technical assistance to select Tribes in Alaska and the lower 48 states
- Experts engage tribal members and leadership to develop a strategic plan that generates community buy-in and establishes goals that will sustain the START initiative over the long-term
- Case studies will share project information, successes, and lessons learned with other tribal communities



Document Library

- Online library with links to more than 100 resources for tribes: publications, case studies, websites, videos, etc.
- Topics covered:
 - Community Scale Development
 - Legal and Regulatory
 - Project Checklists
 - Project Development and Finance
 - Strategic Energy Planning
 - Technology
 - Transmission
 - Tribal Case Studies
 - Utilities
- <http://energy.gov/indianenergy/resources/energy-resource-library>



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■ Curriculum Structure & Offerings

Foundational Courses

- Overview of foundational information on renewable energy technologies, strategic energy planning, and grid basics

Leadership & Professional Courses

- Covers the components of the project development process and existing project financing structures





Foundational Courses

Energy Basics

Assessing Energy Needs and Resources

Electricity Grid Basics

Strategic Energy Planning

Renewable Energy Technology Options

Biomass

Building Heat and Hot Water

Geothermal

Hydroelectric

Solar

Wind

All courses are presented as 40-minute Webinars and available online via the National Training & Education Resource website (NTER): www.nerlearning.org



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■ ■ What is START?

The Strategic Technical Assistance Response Team (START) Program is a U.S. Department of Energy Office of Indian Energy Policy and Programs (DOE-IE) initiative to provide technical expertise to support the development of next-generation energy projects in Indian Country.



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START Program: Alaska (Round One)

Round One of START: Alaska assistance supports community-based energy planning and staff training to effectively implement a variety of clean energy projects, including energy storage infrastructure, renewable energy and energy efficiency



START: Alaska- Round One

- 24 Alaska Native Entities Applied
- 5 Alaska Native Villages Selected

START: Alaska Technical Assistance

- Strategic Energy Planning and Project Prioritization
- Community Energy Education and Staff Training
- Near-Term Energy Efficiency Improvements for Existing Community Infrastructure
- Grant Application Support

START Alaska Goal: *In partnership with the Denali Commission, assistance activities, serve to: reduce the cost and use of energy for rural Alaska communities; increase local capacity, energy efficiency and conservation through training and public education; and increase renewable energy deployment and financing for Alaskan communities*





■ What is START Round 2?

- START Program: Renewable Energy Project Development Assistance
- Alaska START Program: Community Energy Planning and Projects



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START Program: Renewable Energy Project Development Assistance

Eligibility: Community or Commercial Scale Projects

- Indian Tribes
- Tribal Energy Resource Development Organizations
- Alaska Native Regional Corporations



Community

Definition: Multiple buildings, campuses

Primary motivation/purpose:
Offset community energy costs, achieve energy self-sufficiency



Commercial

Definition: Stand-alone project

Primary motivation/purpose:
Generate revenue, achieve financial self-sufficiency

Assistance & Intended Outcomes:

- Verifying economic and technical viability of project's power and revenue generation
- Establishing terms and strategies for negotiating land-lease, energy off-take, and/or power purchase agreements
- Selecting project ownership options, partnership arrangements, and financing structures
- Developing request for proposals (RFPs) with appropriate technical guidelines and selection criteria

START Program: Renewable Energy Project Development Assistance

START Timeline:

- Application Deadline: March 15th, 2013
- Review Period: March – April 2013
- Date of Notification: Late April 2013
- Period of Technical Assistance: May – October 2013



How to Apply:

START Program for Renewable Energy Project Development Assistance application and program details can be found on the Office of Indian Energy's website:

<http://energy.gov/indianenergy/resources/start-program>



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■ Alaska START Program: Community Energy Planning & Projects

Eligibility:

- Alaska Native villages
- Alaska Native village corporations



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Assistance & Intended Outcomes:

- Strategic Energy Planning and Project Prioritization
- Community Energy Education and Staff Training
- Near-Term Energy Efficiency Improvements for Existing Community Infrastructure / Facilities
- Developing Grant Applications to Fund Energy Projects
- Potential for up to \$250,000 in funding to implement a renewable energy or energy efficiency project



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Alaska START Program: Community Energy Planning & Projects

START Timeline:

- Application Deadline: March 15, 2013
- Review Period: March – April 2013
- Date of Notification: Late April 2013
- Scoping Conferences (via telephone and email): Early May 2013
- Period of On-Site Technical Assistance: Late May – December 2013
- Application for Financial Assistance: September 2013 and, depending upon funding, February 2014



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How to Apply:

START Program for Rural Alaska Native Communities – Energy Planning and Project Assistance application and program details can be found on the Office of Indian Energy's website:

<http://energy.gov/indianenergy/resources/start-program>



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