



## **BACKGROUNDER**

### **Program and Service Review of the Arctic Energy Alliance**

The Government of the Northwest Territories has completed a review of the Arctic Energy Alliance’s programs and services to assess if they are meeting the needs of clients, are in line with the strategic objectives of the *2030 Energy Strategy*, and are cost effective.

The results of the review were generally positive, but did include some recommendations for improvements and changes to make better use of limited resources and to better meet the needs of clients.

#### Key Findings:

- The NWT has the highest per capita annual spending in Canada on energy efficiency and conservation programs.
- Arctic Energy Alliance programs provide good technology coverage in terms of the range of renewable and energy efficiency measures offered relative to the jurisdictions surveyed both on the residential and commercial side.
- Analysis of the cost-effectiveness of Arctic Energy Alliance programs revealed that several key programs do not track cost-effectiveness results or have Key Performance Indicators.
- The Arctic Energy Alliance should focus more on programs that reduce greenhouse gas emissions such as biomass, and less on low impact technologies like solar panels in hydro communities.

The Government of the Northwest Territories will work with the Arctic Energy Alliance to implement the needed enhancements over the next year.

Along with program enhancements, the Government of the Northwest Territories is nearly doubling the Alliance’s budget over the next four years to better support the objectives of the *2030 Energy Strategy*.

### **Enhanced Arctic Energy Alliance Programs and Services**

<b>PRIVATE PROGRAMS</b>		
<b>PROGRAM</b>	<b>DESCRIPTION</b>	<b>FOUR-YEAR FUNDING</b>
Enhancements to the existing Energy Efficiency Rebate/Incentive Program	Provides grants and incentives to purchase efficient products and appliances. Funds will be used to expand access and scope of this program to better meet the needs of residents, businesses and	<b>\$1,075,000</b>



	communities.	
Enhancements to the existing Alternative Energy Efficiency Technologies Program	Provides funding for renewable energy sources such as solar for heating, wood pellet heating, biofuel/biogas and heat pumps. Funding will expand programs support to more clients. Funding cannot be used to support grid connected renewable electricity generation in hydropower communities.	<b>\$1,250,000</b>
Enhancements to the existing Commercial Energy Conservation and Efficiency Program	Provides additional support and incentives to help businesses conserve energy and improve energy efficiency. Eligible projects include such things as efficiency upgrades, air sealing, ventilation and control upgrades, and lighting.	<b>\$1,350,000</b>
<b>NEW!</b> Deep Home Energy Retrofit Program	Supports owners of older, less efficient homes with support for such things as higher efficiency energy using equipment, building envelope upgrades such as enhanced insulation to reduce air leakage.	<b>\$990,834</b>
<b>NEW!</b> Low-Income Home Energy Assistance	Designed to make energy upgrades more accessible for low income owner-occupied homes.	<b>\$940,000</b>
<b>NEW!</b> Energy Efficiency and Conservation Retrofits for NGOs	Fills a gap in existing programming and supports NGOs undertaking energy retrofits in buildings.	<b>\$914,479</b>
<b>NEW!</b> Electric Heat Incentive for South Slave	Provides an incentive for installation of electric heat for commercial, institutional and residential buildings.	<b>\$300,000</b>

<b>COMMUNITY PROGRAMS</b>		
<b>PROGRAM</b>	<b>DESCRIPTION</b>	<b>FOUR-YEAR FUNDING</b>
Community Wood Stoves	This program works with communities to cost share the installation of new efficient wood stoves in residential dwellings.	<b>\$1,025,000</b>
<b>NEW!</b> Community Energy Plan Implementation	Supports NWT communities to implement energy plans.	<b>\$820,000</b>
Community Government Program	Supports upgrades to community government-owned buildings which will reduce their use of electrical/heat energy and water.	<b>\$455,000</b>
<b>TOTAL PROGRAM FUNDING OVER FOUR YEARS</b>		<b>\$9,120,313</b>