

2018-19

# Annual Report

---



Energy  
Efficiency  
Alberta

# Impact At a Glance



**\$850M**

**IN ECONOMIC GROWTH**  
for Alberta



**\$692M**

**BEING SAVED**  
through energy savings  
and emission reductions



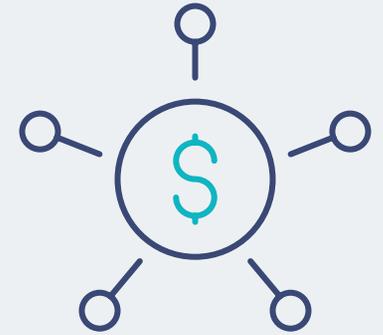
**5.7M**

**TONNES**  
of GHG avoided



**\$84**

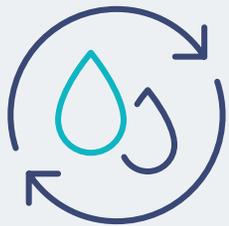
**BEING SAVED**  
for every of tonne  
of CO<sub>2</sub>e reduced



**\$3.20**

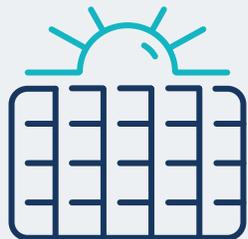
**BEING RETURNED**

to Albertans for every \$1 invested  
in energy efficiency



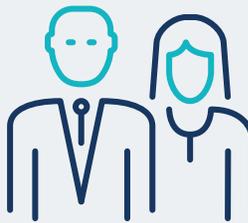
**36M**

**CUBIC METRES**  
of water savings



**15.5M**

**PRODUCTS**  
with energy-efficient technology  
purchased, enough to power  
**1.2 million homes** for a year



**214K**

**PARTICIPANTS**  
in energy efficiency programs



**3K**

**OIL AND GAS SITES**  
with methane emission  
reduction projects in progress

Figures are calculated since the start of Energy Efficiency Alberta programs in April 2017 to March 31, 2019. Performance results are for energy savings and GHG reductions, calculated over the lifetime of the products installed. Energy savings and greenhouse gas reduction figures have been reviewed and verified by a third party except for in-progress industrial and commercial custom projects. Numbers have been rounded so may not always add to 100 per cent.

# Alberta industries and small businesses are becoming more competitive and efficient



# Alberta homeowners are saving \$534 million and creating local jobs



## Industrial, Commercial, Non-profit and Institutions



leading to



through energy savings and emission reductions for completed and in-progress projects



in 4,100 projects creating demand for 1.2 million products purchased



## Households



leading to



through energy savings and emission reductions



creating demand for 14.3 million products purchased



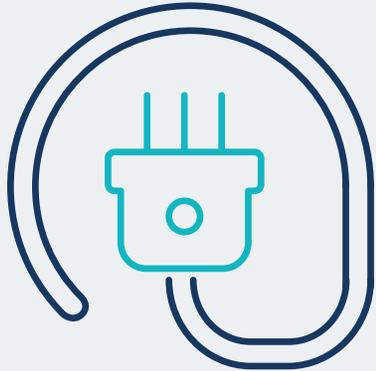
involved and growing their businesses



# Nearly 1,500 solar projects across the province



## Solar Generation



# 64

MEGAWATTS

17 MW in installed solar capacity, with an expected total capacity of 64 MW installed by March 2021



# \$17.5M

INVESTMENT

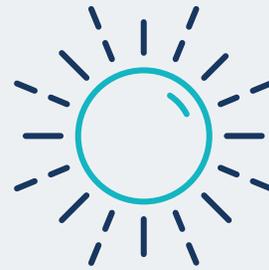
leading to



# \$37M

BEING SAVED

in energy savings and emission reductions



NEARLY

# 1,500

SOLAR PROJECTS



# 1,387

RESIDENTIAL PROJECTS

with 10.1 MW installed capacity



# 87

COMMERCIAL / NON-PROFIT PROJECTS

with 7.3 MW installed capacity



# 240

SOLAR INSTALLATION COMPANIES

involved and growing their businesses



# 338K

TONNES

of GHG avoided

# Energy efficiency programs are evolving to meet the unique needs of Alberta businesses and communities

“

**Alberta's a bright spot for energy efficiency in Canada. The strong uptake on the commercial and industrial program side shows that businesses are looking for low-cost ways to stay competitive and improve their bottom line. Energy efficiency is the cheapest source of electricity...**

”

**Corey Diamond**  
Executive Director, Efficiency Canada

---

Since spring 2017, Energy Efficiency Alberta has designed and delivered the programs that Alberta's industrial facilities, businesses, institutions and households have been asking for.

**Energy Efficiency Alberta's programs have evolved to focus on Alberta's industrial and commercial sectors, supporting innovation in efficiency technologies and financing programs that support big energy savings.**

These investments have delivered more than \$692 million in energy savings and greenhouse gas reductions, or \$84 in net savings per tonne for the avoided 5.7 million tonnes of greenhouse gas emissions.

The \$218 million from our programs has attracted additional private sector investment to deliver \$850 million in economic growth for the province—that's four times the program investment.

## About the numbers and terminology

For simplicity, throughout this report "energy efficiency" is used in reference to both energy efficiency and renewable energy.

Figures are calculated since the start of Energy Efficiency Alberta's programs in April 2017 to March 31, 2019 unless otherwise noted. Numbers are rounded so may not always add up to 100 per cent. Performance results are for energy savings and greenhouse gas emission reductions, calculated over the lifetime of the products installed.

Energy savings and greenhouse gas reduction figures have been reviewed and verified by a third party except for in-progress industrial and commercial custom projects with verification pending.

Questions about the numbers in this report? An explanation of terminology and methodology for numbers included in this report is available upon request. Please contact us at [hello@efficiencyalberta.ca](mailto:hello@efficiencyalberta.ca) or 1-846-357-5604.



## Investments in energy efficiency lower utility bills, reduce operating costs to make businesses more competitive, create local jobs and more

- There's a direct benefit in reduced energy use and lower utility bills for the owner of that building.
- When homes and buildings are more energy efficient, they are more comfortable and often have increased property values.
- When businesses invest in energy-efficient upgrades and retrofits, it makes them more competitive by reducing their operating costs.
- Energy-efficient technologies are installed by contractors and companies in communities, helping to create local jobs and grow businesses.
- Energy efficiency is the low-cost alternative to building costly new utility infrastructure, so all Albertans benefit when the results of energy efficiency add up to reduced system demand.
- Society benefits through lower emissions and cleaner air.
- Energy efficiency education and upgrades help people lower their energy use, making life more affordable.
- Municipalities benefit from increased economic development for local businesses, improved value of buildings and support for environmental goals such as reduced emissions.

---

This growth is spurred by more upgrades at industrial facilities, building retrofits, home renovations and purchasing of energy-efficient products and services. Almost 40 per cent of this activity comes through program participation from industrial, commercial, non-profit and institutional facilities.

We've worked closely with Alberta businesses to create programming to meet their unique needs. The result? More than 216,000 completed projects—in every part of the province, from rural to urban to the suburbs—are making Alberta businesses stronger and more competitive by reducing their energy use and operating costs.

Energy Efficiency Alberta's Residential and Commercial Solar Program was launched in June 2017 and to date, 17 MW of solar capacity has been installed with work underway towards an expected total of 64 MW. Solar installation companies have completed nearly 1,500 projects, with 900 more projects approved and underway.

It's been a busy and rewarding two years for Energy Efficiency Alberta and we continue to work hard to keep up the momentum.



## Alberta homes and businesses are more efficient, comfortable and competitive

When you make a building more energy efficient, it doesn't just save energy and money—it can make it more comfortable, brighter and safer and increase the value of the property. Many types of buildings have benefited from upgrades through Energy Efficiency Alberta's programs:

- Industrial facilities, including in the oil and gas sector
- Small- and medium-sized commercial facilities
- Manufacturing plants
- Schools from pre-school to Grade 12
- Universities and colleges
- Hospitals and medical centres
- Faith-based organizations
- Non-profit facilities, such as rinks, pools, arenas, halls and meeting spaces
- Hotels, restaurants and hospitality businesses
- Agricultural, food processing facilities and greenhouses
- Forestry facilities and forestry-product operations
- Warehouses and machine shops
- Waste management companies
- Homes of all types



## Installing smart technologies helps businesses save

Improving energy efficiency is about installing technologies to monitor and reduce energy use and emissions. Energy Efficiency Alberta is helping increase demand for a wide range of products, services and equipment, and the businesses that install them.

- Heaters and heat recovery systems
- Variable frequency drives
- Boiler controls and systems
- Building controls
- Refrigeration
- Gas pumping and compression
- Compressed air
- Griddles, fryers, hot cabinets, cookers and ovens
- Ventilation
- Pump replacements
- Appliances and furnaces
- High-efficiency lighting
- Load and occupancy sensors
- Drain-water heat recovery
- Tankless hot water heaters
- Windows and insulation
- Smart thermostats
- Continuous kiln installations for the forestry sector
- Other technologies for the oil and gas sector including wellhead upgrades, venting elimination via gas capture systems, combustors, air-fuel ratio controllers and combined heat and power units



*More than 216,000 completed projects—in every part of the province, from rural to urban to the suburbs—are making Alberta businesses stronger and more competitive by reducing their energy use and operating costs.*

# Energy Efficiency Alberta is the province's expert on saving energy

---

Since the launch of an initial suite of popular programs in spring 2017, we now offer more than 20 programs for industrial and commercial businesses, non-profits, institutions and households, including a methane emissions reduction initiative for the province's oil and gas sector. We introduced financing programs to help fund larger improvement projects and deeper energy savings. We also support energy education for students and educators, technical training for industry professionals, and community projects to make homes and buildings more sustainable.

We work with businesses across the province—product and services suppliers, home improvement companies, contractors and retailers—to transform how customers reduce energy consumption. This increased economic activity is helping create jobs, grow local businesses and diversify our economy through an expanding energy efficiency and renewable energy sector.

Energy Efficiency Alberta is a provincial agency created through a rigorous consultation process and led by an expert advisory panel. The panel consulted broadly with Albertans, including Indigenous communities, municipal governments, industry organizations and utilities, businesses, and individual stakeholders to determine the types of programs we deliver. The agency is headed by a diverse Board with expertise in energy efficiency, Alberta's energy and industrial sectors, governance and community building.



# Albertans embracing efficiency and renewable energy – the brightest light for our future

---

What's most gratifying about our work at Energy Efficiency Alberta is the strong interest Albertans from across the province have shown in our programs.

From the 214,000 Albertans who have participated, to the 2,500 business, industrial and institutional users that have undertaken 4,100 projects, Albertans are saving \$692 million in energy costs.

## Thirst for efficiency and opportunity spans Alberta

I have had the great pleasure of meeting people from across Alberta—farmers, architects, home builders, city and county councils, seniors' groups, teachers, students, housing and community organizations, and those in the oil and gas industry—at almost 100 events where I was invited to speak across the province over the past few years.

From a packed house in Athabasca on a minus 37-degree January evening, to Brazeau County, Red Deer, Calgary, Edmonton and Waskatenau, reactions have always been the same. People are surprised to learn about the incredible opportunities and investment in renewables and energy efficiency sectors and they like the idea of taking their energy matters and costs into their own hands.

## New jobs, new businesses

I have met heavy duty mechanics with a long history in Alberta's energy industry who've gone back to school in NAIT's Alternative Energy program and opened new businesses in the sector even before they finish school. I have spoken to the pioneers of Alberta's renewable energy industry – including a company that has hired more than 100 new staff in the last few years and is now exporting their expertise to other parts of the world.

Albertans embracing these industries and technologies are seeing the incredible opportunity. In an era of economic uncertainty, people are eyeing the \$333 billion global cleantech industry as one industry with incredible prospects—a way to make money, create jobs and economic opportunities, while reducing emissions.

We're at the start of an exciting new chapter in the evolution of Alberta's energy economy.

And, who better than Albertans to develop technologies and processes that can be exported to a global renewable energy and energy efficiency market? We're diversifying and expanding business prospects for local firms with extensive experience in energy. Just as important is the opportunity for Alberta entrepreneurs to tap into this sector's strong culture of innovation.

“

**Energy Efficiency Alberta is focused on evolving our programs from our initial community-based offerings to even more programs for the commercial, industrial and institutional sectors. We'll be able to deliver even better results, because the prizes are bigger for energy savings and emissions reductions.**

”

---

### **Good for business, good for the future**

Energy efficiency is good for business. We have worked with more than 1,600 contractors and service providers to sell 15.5 million products and have undertaken 216,000 projects, racking up \$850 million in economic activity in our province.

One area with enormous potential is green financing. We are working with municipalities to launch financing for homeowners and businesses, so they can begin saving money from day one of their project's completion. This sort of program, called PACE, or Property-Assessed Clean Energy, has generated billions of dollars in economic activity in other jurisdictions across North America. The loan is attached to the property and not the individual or business, removing several key barriers to efficiency actions.

We have just begun to tap into the potential in the commercial and industrial sectors, and the payoff will be more competitive businesses who are reducing their costs along with meeting their goals for reduced emissions.

And as a double bonus, thousands of small business contractors and suppliers will gain experience with innovative efficiency and energy technologies that help their businesses thrive well into the future.

### **Evolving energy efficiency programs for the future**

With this much interest, and proven results, Energy Efficiency Alberta is focused on evolving our programs from our initial community-based offerings to even more programs for the commercial, industrial and institutional sectors. We'll be able to deliver even better results, because the prizes are bigger for energy savings and emissions reductions.

Over the coming year I look forward to meeting with even more Albertans to hear their ideas on how we make this happen, together.



**David Dodge, Board Chair**  
Energy Efficiency Alberta

# Report from the Board

---

The Board of Directors continues to deliver on Energy Efficiency Alberta's three-part mandate that includes:

1. Raising awareness about energy use with Albertans
2. Promoting, designing and delivering programs related to energy efficiency, energy conservation and the development of micro-generation and small-scale energy systems in Alberta
3. Helping Alberta's energy efficiency industry grow to drive economic growth, diversify our economy and create local jobs.

The Board is also delivering on the key goals outlined in the 2018-19 Business Plan and enhancing its governance role:

- Existing programs were refined and expanded in 2018-19, including Custom Energy Solutions, Methane Emissions Reduction, Affordable Housing, Efficiency Professionals Network, Home Energy Plan, Community Generation Capacity Building, Energy Efficiency Education and Technical Training.

- Financing programs, including Clean Energy Improvement and Green Loan Guarantee, continued to be designed and deployed to meet the unique needs of the Alberta market, including designing pilots in partnership with the City of Edmonton and EQUS and establishing a Municipal Advisory Committee.
- An evaluation, measurement and verification plan was implemented and program performance results were verified by a third party.
- A [Potential Study](#), conducted in 2017-18, was widely shared with industry and the public.
- Services were secured for key business functions to allow the agency to operate independently, excluding services related to Freedom of Information and Protection of Privacy.
- Working with an external service provider, systems and processes for demand-side management and customer relationship management are being implemented.

To continue the Board's emphasis on transparency and governance, work progressed on a suite of corporate policies and enhanced committees for Program Performance, Audit and Finance, and HR and Governance. Five new members were appointed to the Board.

# Energy efficiency is the cheapest electricity money can buy

---

Electricity at 2.5 cents per kWh. Emission reductions at -\$84 per CO<sub>2</sub>e. (Yes; that's minus \$84, meaning Albertans saved \$84 for every tonne of CO<sub>2</sub> reduced.) Energy efficiency IS Alberta's lowest-cost energy source. And it's a powerful tool for commercial enterprises, oil and gas facilities, businesses, institutions and households to take control of their energy use and operating costs.

The impact of greater energy efficiency, even at this early stage, is being felt across Alberta. The impressive results we are seeing—in the numbers and in the actions and experiences of program participants and service providers—demonstrate that energy efficiency is already an essential component of our economy—driving demand for energy efficient and microgeneration technology that grows Alberta's businesses and employs local engineers, contractors and installers.

So far, more than 2,600 organizations have participated in over 4,200 projects that add up to an economic impact of about \$335 million. These public-private partnerships are delivering local jobs while increasing the value of local facilities and reducing utility and operating costs.

And this is only the beginning.

In 2018, Energy Efficiency Alberta commissioned a technical study—Alberta's Energy Efficiency Potential 2019 - 2038—to assess the potential for energy efficiency as an energy resource in Alberta's utility and carbon markets over the next 20 years. The study revealed that a sustained investment in cost-effective energy efficiency and small-scale renewable energy will deliver, at a minimum:

- \$1 billion per year in gross energy savings,
- 900 MW of peak electricity demand savings in 2038, and
- A 4.4 metric tonne reduction in CO<sub>2</sub>e annually, saving Albertans \$125 for every tonne reduced.

And the potential gets even larger when programming is extended to the oil and gas sector. In this scenario, the potential increases to \$1.6 billion in annual energy savings, 8.9 Mt (CO<sub>2</sub>e) in greenhouse gas emission reductions and peak electricity savings estimated at 1,300 MW in 2038. And these savings may also eliminate the need for costly new electricity generation, transmission and distribution.

“

**Energy efficiency is already an essential component of our economy...the potential gets even larger when programming is extended to the oil and gas sector.**

”

---

This study shows that by enabling sustained deployment of commercially available, cost-effective energy efficiency, Alberta's energy efficiency industry can meet about seven per cent of Alberta's electricity needs in the next 10 years.

The results of the study are consistent with long-standing practices in the utility industry across North America, and clearly demonstrate the benefits and cost-savings to Albertans through to 2038 and beyond.

Maximizing Alberta's potential will require ingenuity and innovation. Across Alberta, industry and community partnerships are emerging to drive adoption of high-efficient technologies and operating practices in the province. Here are just two examples:

In partnership with the Methane Emissions Leadership Alliance and the Petroleum Technology Alliance of Canada, our team launched the Methane Emission Reduction initiative. This partnership is supporting over 3,000 small oil and gas sites to identify and repair methane leaks and reduce greenhouse gas emissions.

In partnership with nine Alberta municipalities, we are developing a unique financing tool—the Clean Energy Improvement Program—that will provide municipalities with the opportunity to support local business, industry and residents to invest in energy efficiency and renewable energy. Participating cities, towns and counties can foster local economic activity and jobs, increase the value of local properties and help reduce operating costs in participating facilities, at minimal cost to the municipality.

Energy efficiency is a powerful tool delivering economic competitiveness, low-cost emission reductions, local jobs, and technology adoption and innovation. At Energy Efficiency Alberta, we are proud to be a part of this growing industry.



*Original Signed*

**Monica Curtis, CEO**  
Energy Efficiency Alberta

# Executive Leadership Team



---

From left to right:

**Stephen Appleton** (Vice President, Corporate Services),  
**Jesse Row** (Vice President, Corporate Performance),  
**Monica Curtis** (Chief Executive Officer), **Darlene Crowell**  
(Vice President, Market Communications and Engagement),  
**Darryl Hill** (Vice President, Program Design and Delivery),  
**Holly Driscoll** (Director, Intergovernmental Relations)

[View the leadership team & Board of Directors online.](#)

# Investments in energy efficiency are providing economic growth for the province

---

Investments in energy efficiency are delivering real value to Alberta's economy, driving \$850 million in economic growth, helping diversify the economy, and creating more than 4,300 local, private sector jobs.\* These investments are delivering a \$3.20 return for every \$1 invested. And the future potential is even greater.

Providing the right level of financial incentives helps address costs for early adopters. And when you add in financing options that are easy to access and pay back, the projects get bigger and the savings even deeper.

Our financing programs help improve access to private capital for a variety of energy efficiency projects, generating both economic and environmental returns. The programs also provide a wide range of benefits for municipalities, including economic development for local businesses involved in these projects, improved value of buildings and support for environmental goals such as reduced emissions.

*\*Job-years being created from April 2017 to March 31, 2019, over the lifetime of products purchased.*

“

**Energy efficiency is all business. It's about competitiveness, about keeping costs down by wasting less, about letting companies and people retain more of their earnings so they can put that money toward good use, including high-value, productive investments. It's also about emissions, but emissions are by no means the only reason to support an energy-efficient economy.**

”

**Philippe Dunsky**  
President, Dunsky Energy Consulting



*Investments in energy efficiency are helping grow Alberta's economy, creating local jobs.*



**\$850**

**MILLION**

in economic growth



**\$3.20**

**BEING RETURNED**

to Albertans for \$1 invested  
in energy efficiency



**\$20**

**BILLION IN  
ECONOMIC  
ACTIVITY**

An annual investment in  
Alberta's energy efficiency  
industry of \$150 million will  
generate over \$20 billion in  
economic activity over the  
next 20 years.

Studies show that sustained investment in energy efficiency and small-scale renewable energy has the potential to deliver a reduction of four million metric tonnes of CO<sub>2</sub>e per year, \$1 billion per year in gross energy savings and 900 megawatts of peak electricity demand savings by 2038—reducing the need for new, carbon-based electricity generation. These results are amplified when programming is extended to the oil and gas industry—and many of those companies are already taking advantage of energy efficiency programs.

**Sustained investment in energy efficiency and small-scale renewable energy has the potential to deliver a reduction of four million metric tonnes of CO<sub>2</sub>e per year, \$1 billion per year in gross energy savings and 900 megawatts of peak electricity demand savings by 2038.**

# Energy efficiency improves business competitiveness

Businesses and industrial facilities that invest in energy-efficient technologies reduce overall energy costs and operating expenses, allowing them to reinvest the savings. This strengthens their operations and increases their competitiveness.

Energy Efficiency Alberta works closely with many organizations and industries—including the oil and gas sector—to understand their unique needs and how we can best develop programs to help reduce energy use.

The Custom Energy Solutions program, for example, was created in consultation with industry specifically for those with high-energy needs. Components such as the Methane

Emission Reduction initiative have a double benefit for industrial facilities as they decrease methane waste by identifying and repairing leaks and helping energy industry businesses get ready for future regulations.

Another feature of Custom Energy Solutions is education and support for 24 onsite energy managers to help identify and champion energy efficiency projects to directly improve facilities' bottom lines. All six Strategic Energy Management groups have now been launched, involving more than 60 participants from a range of companies, including large final emitters. The two-year program provides tools, coaching, peer support and education to improve energy management and the bottom line.

**The oil and gas sector has proven especially interested in energy efficiency initiatives with close to 60 projects from over 30 oil and gas companies participating in our programming. Together, these projects alone represent more than 400,000 tCO<sub>2</sub>e reductions.**

“

**(Energy Efficiency Alberta’s Methane Emissions Reduction) program was beyond valuable to both our oil and gas clients and to GreenPath Energy Ltd. The program provided our clients a helping hand in preparing for the new methane regulations in a tough economic and low commodity price environment and at the same time achieved fugitive emission methane reductions and elimination resulting in cleaner and safer worksites.**

”

**Joshua Anhalt**  
President, GreenPath Energy Ltd.

---

Nearly 50 of Alberta’s largest employers in the province’s key industry sectors are benefiting from reduced energy use—including oil and gas companies, midstream operators, sawmills and forest products companies, manufacturers, healthcare facilities and hospitality businesses. The oil and gas sector has proven especially interested in energy efficiency initiatives with close to 60 projects from over 30 oil and gas companies participating in our programming. Together, these projects alone represent more than 400,000 tCO<sub>2</sub>e reductions.

Our unique financing programs can bolster benefits, helping improve access to private capital for a variety of projects that generate both economic and environmental returns. Financing programs also provide a wide range of benefits for municipalities, including economic development for local businesses, improved value of buildings and support for environmental goals such as reduced emissions.



*GreenPath Energy is working with Alberta oil and gas producers as part of Energy Efficiency Alberta’s Methane Emission Reduction initiative.*

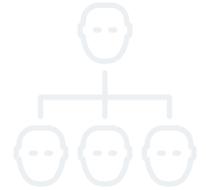
Our Green Loan Guarantee program—a \$400 million credit enhancement program—provides qualifying commercial and industrial projects a guarantee that allows a lender to recover up to 50 per cent of the principal on a loan that may go into default. This added assurance means that projects in need of financing are more likely to successfully move forward.

This mix of programs and services is helping make Alberta businesses become more competitive on a provincial, national and global scale.



	<b>ENERGY SAVINGS</b>	<b>LIFETIME GHG EMISSION REDUCTIONS (tCO<sub>2</sub>e)</b>	<b># OF PROJECTS</b>
 <b>INDUSTRIAL</b>	<b>\$20.4M</b>	<b>508,213</b>	<b>333</b>
 <b>COMMERCIAL</b>	<b>\$80.5M</b>	<b>575,289</b>	<b>2,982</b>
 <b>NON-PROFIT &amp; INSTITUTIONAL</b>	<b>\$20.5M</b>	<b>150,181</b>	<b>812</b>

# Expanding Alberta's energy efficiency industry to grow businesses and help create local jobs



Alberta's energy efficiency industry is real and growing. More than 1,600 energy efficiency and renewable energy companies—called trade allies—are doing business in our province, each employing a range of skilled tradespeople and professionals. This is likely a conservative number since many people, and companies, don't identify as being part of any specific industry, but feel a closer connection to their area of expertise, such as engineering, plumbing, solar, HVAC, insulation or windows.

Energy Efficiency Alberta's programs are increasing demand for energy-efficient technologies and the skilled contractors and businesses to install them. They are hiring more people, growing their businesses and becoming more knowledgeable about energy-efficient products, services and equipment.



Energy Efficiency Alberta plays an important role in Alberta's innovation network, along with organizations such as Alberta Innovates and Emissions Reduction Alberta. By incorporating new, energy-efficient products and equipment in our programs, we help accelerate the adoption of new technologies.



**Energy efficiency programs have motivated Albertans to make their homes more comfortable and save money. The program incentives help homeowners move from obtaining an estimate to proceeding with the work. As a result, we've hired staff and maintained other positions to service this demand, along with increasing our purchases of Alberta-made insulation products.**



**Colin Gnyp**  
IDEAL Insulation & Roofing

## What's a "trade ally"?

**Energy Efficiency Alberta connects Albertans with local contractors, service providers and professionals who can help with energy efficiency improvements.** We call these trade allies. They are engineers, designers, general contractors, electricians, plumbers, HVAC experts, energy auditors, solar installers, and window and insulation companies. They work with industrial facilities, businesses, institutions, non-profits and residential customers. Energy Efficiency Alberta's incentives and financing programs increase demand for their products and services, helping create local jobs and expanded businesses.



*Insulation companies are part of the network of more than 1,600 energy efficiency and renewable energy companies involved in Energy Efficiency Alberta programs.*

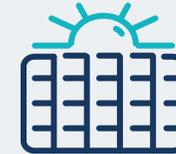
---

In early 2019, Energy Efficiency Alberta launched a province-wide hub for energy efficiency companies. Members of the Efficiency Professionals (E Pro) Network deliver projects eligible for Energy Efficiency Alberta incentives and financing programs. This network can also take advantage of educational webinars, marketing support, and listing on Energy Efficiency Alberta's online directory.

Industry-related research and development is strong in Alberta, demonstrating how technology can be applied to solve business problems and reduce emissions. Energy Efficiency Alberta plays an important role in Alberta's innovation network, along with organizations such as Alberta Innovates and Emissions Reduction Alberta. By incorporating new, energy-efficient products and equipment in our programs, we help accelerate the adoption of new technologies. Community Generation Capacity grants are also supporting emerging green technologies and helping community organizations play an important role in Alberta's energy transition by developing their own renewable energy projects.



More than **1,600 trade allies** province-wide, involved in our programs and growing their businesses



**15.5 million** energy-efficient products purchased



**Grants provided to 78** educational, community and capacity-building organizations across the province

## 2018-19 Results by Market Segment (April 1, 2018 – March 31, 2019)

	Industry	Commercial	Non-Profit & Institution	Household	Total
<b>Total Investment by Energy Efficiency Alberta (\$M)</b>	\$25.0	\$27.3	\$11.7	\$36.8	<b>\$100.8</b>
<b>Lifetime Value of Energy Saved and Emissions Reduced (\$M)</b>	\$19.9	\$62.7	\$14.9	\$129.6	<b>\$227.1</b>
<b>Participants (#)</b>	165	1,182	472	70,103	<b>71,922</b>
<b>Projects (#)</b>	256	1,994	610	70,174	<b>73,034</b>
<b>Products (#)</b>	14,478	486,754	222,604	1,849,187	<b>2,573,023</b>
<b>Lifetime GHG Emission Reductions (tCO<sub>2</sub>e)</b>	504,240	466,285	109,763	1,092,557	<b>2,172,845</b>
<b>New Solar Capacity (MW)</b>	n/a	6		7	<b>13</b>

Results presented for programs with third-party evaluation of energy savings. Other agency investment (\$14.9 million) includes complementary programs related to raising awareness, project grants, development of innovative financing tools, industry capacity building and agency administration.

Industry and commercial results include completed projects with verification pending.

Investments in the industry and commercial sectors include in-progress projects whose savings are not reported in Value of Energy Saved and Emissions Reduced. A further agency investment of \$17 million in these projects will result in lifetime value of energy saved and emissions reduced of more than \$200 million.

## Results Since Program Launch by Market Segment (April 1, 2017 - March 31, 2019)

	Industry	Commercial	Non-Profit & Institution	Household	Total
<b>Total Investment by Energy Efficiency Alberta (\$M)</b>	\$30.0	\$39.1	\$17.9	\$107.4	<b>\$194.5</b>
<b>Lifetime Value of Energy Saved and Emissions Reduced (\$M)</b>	\$20.4	\$94.8	\$21.1	\$556.0	<b>\$692.3</b>
<b>Participants (#)</b>	221	1,831	599	211,743	<b>214,394</b>
<b>Projects (#)</b>	333	3,059	822	212,083	<b>216,297</b>
<b>Products (#)</b>	17,010	840,625	296,169	14,342,418	<b>15,496,222</b>
<b>Lifetime GHG Emission Reductions (tCO<sub>2</sub>e)</b>	508,213	707,010	155,498	4,289,187	<b>5,659,908</b>
<b>New Solar Capacity (MW)</b>	n/a	7	0	10	<b>17</b>

Results presented for programs with third-party evaluation of energy savings. Other agency investment (\$23.5 million) includes complementary programs related to raising awareness, project grants, development of innovative financing tools, industry capacity building and agency administration.

Industry and commercial results include completed projects with verification pending.

Investments in the industry and commercial sectors include in-progress projects whose savings are not reported in Value of Energy Saved and Emissions Reduced. A further agency investment of \$17 million in these projects will result in lifetime value of energy saved and emissions reduced of more than \$200 million.

Energy Efficiency Alberta

Financial Statements

Year Ended March 31, 2019

## **MANAGEMENT'S RESPONSIBILITY FOR FINANCIAL REPORTING**

The accompanying Energy Efficiency Alberta financial statements have been prepared and presented by management, who is responsible for the integrity and fair presentation of the information.

These financial statements are prepared in accordance with Canadian public sector accounting standards. The financial statements necessarily include certain amounts based on the informed judgments and best estimates of management.

In fulfilling its responsibilities and recognizing the limits inherent in all systems, the EEA has developed and maintains a system of internal control to produce reliable information for reporting requirements. The systems are designed to provide reasonable assurance that EEA transactions are properly authorized, assets are safeguarded from loss and the accounting records are a reliable basis for the preparation of the financial statements.

The Auditor General of Alberta, the EEA's external auditor appointed under the *Auditor General Act*, performed an independent external audit of these financial statements in accordance with Canadian generally accepted auditing standards and has expressed his opinion in the accompanying Independent Auditor's Report.

EEA's Board of Directors are responsible for ensuring that management fulfills its responsibilities for financial reporting and internal controls. The Board exercise this responsibility through the Audit and Finance Committee. In both the presence and absence of management, the Audit and Finance Committee meets with the external auditors to discuss the audit, including any findings as to the integrity of financial reporting processes and the adequacy of our systems of internal controls. The external auditors have full and unrestricted access to the members of the Audit and Finance Committee.

*Original signed*  
**Monica Curtis**

**Chief Executive Officer**

*Original signed*  
**Stephen Appleton**

**Vice President, Corporate Services**

## Independent Auditor's Report

To the Board of Directors of Energy Efficiency Alberta

### Report on the Financial Statements

#### Opinion

I have audited the financial statements of Energy Efficiency Alberta, which comprise the statement of financial position as at March 31, 2019, and the statements of operations, change in net financial assets, and cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In my opinion, the accompanying financial statements present fairly, in all material respects, the financial position of Energy Efficiency Alberta as at March 31, 2019, and the results of its operations, its changes in net financial assets, and its cash flows for the year then ended in accordance with Canadian public sector accounting standards.

#### Basis for opinion

I conducted my audit in accordance with Canadian generally accepted auditing standards. My responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of my report. I am independent of Energy Efficiency Alberta in accordance with the ethical requirements that are relevant to my audit of the financial statements in Canada, and I have fulfilled my other ethical responsibilities in accordance with these requirements. I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my opinion.

#### Other information

Management is responsible for the other information. The other information comprises the information included in the *Annual Report*, but does not include the financial statements and my auditor's report thereon. The *Annual Report* is expected to be made available to me after the date of this auditor's report.

My opinion on the financial statements does not cover the other information and I do not express any form of assurance conclusion thereon.

In connection with my audit of the financial statements, my responsibility is to read the other information identified above and, in doing so, consider whether the other information is materially inconsistent with the financial statements or my knowledge obtained in the audit, or otherwise appears to be materially misstated.

If, based on the work I will perform on this other information, I conclude that there is a material misstatement of this other information, I am required to communicate the matter to those charged with governance.

## **Responsibilities of management and those charged with governance for the financial statements**

Management is responsible for the preparation and fair presentation of the financial statements in accordance with Canadian public sector accounting standards, and for such internal control as management determines is necessary to enable the preparation of the financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing Energy Efficiency Alberta's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless an intention exists to liquidate or to cease operations, or there is no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Energy Efficiency Alberta's financial reporting process.

## **Auditor's responsibilities for the audit of the financial statements**

My objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes my opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian generally accepted auditing standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with Canadian generally accepted auditing standards, I exercise professional judgment and maintain professional skepticism throughout the audit. I also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for my opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Energy Efficiency Alberta's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on Energy Efficiency Alberta's ability to continue as a going concern. If I conclude that a material uncertainty exists, I am required to draw attention in my auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify my opinion. My conclusions are based on the audit evidence obtained up to the date of my auditor's report. However, future events or conditions may cause Energy Efficiency Alberta to cease to continue as a going concern.

- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

I communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that I identify during my audit.

[Original signed by W. Doug Wylie, FCPA, FCMA, ICD.D]  
Auditor General

June 12, 2019  
Edmonton, Alberta

**ENERGY EFFICIENCY ALBERTA**  
**STATEMENT OF OPERATIONS**  
Year ended March 31, 2019

	2019		2018
	Budget	Actual	Actual
	<i>(in thousands)</i>		
<b>Revenues</b>			
Government transfers			
Government of Alberta grants	\$ 136,700	\$113,491	\$ 107,431
Federal and other municipal grants	12,500	471	-
Investment Income	-	448	614
	<u>149,200</u>	<u>114,410</u>	<u>108,045</u>
<b>Expenses – (Schedule 1)</b>			
Energy Efficiency Initiatives	149,200	116,199	107,431
	<u>149,200</u>	<u>116,199</u>	<u>107,431</u>
<b>Annual (deficit) surplus</b>	-	(1,789)	614
<b>Accumulated surplus at beginning of year</b>	9,184	9,184	8,570
<b>Accumulated surplus at end of year</b>	<u>\$ 9,184</u>	<u>\$ 7,395</u>	<u>\$ 9,184</u>

The accompanying notes and schedules are part of these financial statements.

**ENERGY EFFICIENCY ALBERTA**  
**STATEMENT OF FINANCIAL POSITION**  
**As at March 31, 2019**

	<b>2019</b>	<b>2018</b>
	<i>(in thousands)</i>	
<b>Financial Assets</b>		
Cash and cash equivalents (Note 5)	\$ 31,564	\$ 39,426
Accounts receivable (Note 6)	1,303	43
	<u>32,867</u>	<u>39,469</u>
<b>Liabilities</b>		
Accounts payable and accrued liabilities (Note 8)	24,915	29,195
Deferred contributions (Note 11)	779	1,191
	<u>25,694</u>	<u>30,386</u>
<b>Net Financial Assets</b>	<u>7,173</u>	<u>9,083</u>
<b>Non-Financial Assets</b>		
Prepaid expenses	222	101
	<u>222</u>	<u>101</u>
<b>Net Assets</b>	<u>7,395</u>	<u>9,184</u>
<b>Net Assets</b>		
Net assets at beginning of year	9,184	8,570
Accumulated (deficit) surplus	(1,789)	614
	<u>\$ 7,395</u>	<u>\$ 9,184</u>

Contingent liabilities (Note 9)  
 Contractual obligations (Note 10)

The accompanying notes and schedules are part of these financial statements.

Approved by

*Original signed*  
 Helen Rice

\_\_\_\_\_  
 Chair – Audit and Finance  
 Committee

Approved by

*Original signed*  
 Monica Curtis

\_\_\_\_\_  
 Chief Executive Officer

**ENERGY EFFICIENCY ALBERTA**  
**STATEMENT OF CHANGE IN NET FINANCIAL ASSETS**  
Year ended March 31, 2019

	<u>2019</u>		<u>2018</u>
	<u>Budget</u>	<u>Actual</u>	<u>Actual</u>
		<i>(in thousands)</i>	
<b>Annual (deficit) surplus</b>	\$ -	\$ (1,789)	\$ 614
<b>(Increase) decrease in prepaid expenses</b>	<u>                    </u>	<u>(121)</u>	<u>(101)</u>
<b>(Decrease) increase in net financial assets</b>		(1,910)	513
<b>Net financial assets at beginning of year</b>	<u>                    </u>	<u>9,083</u>	<u>8,570</u>
<b>Net financial assets at end of year</b>	<u>\$</u>	<u>\$ 7,173</u>	<u>\$ 9,083</u>

The accompanying notes and schedules are part of these financial statements.

**ENERGY EFFICIENCY ALBERTA**  
**STATEMENT OF CASH FLOWS**  
Year ended March 31, 2019

	<b>2019</b>	<b>2018</b>
	<i>(in thousands)</i>	
<b>Operating transactions</b>		
Annual (deficit) surplus	\$ (1,789)	\$ 614
(Increase) in accounts receivable	(1,260)	(43)
(Decrease) increase in accounts payable and accrued liabilities	(4,280)	28,259
(Increase) in prepaid expenses	(121)	(101)
Deferred contributions recognized as revenue (Note 11)	(412)	1,191
Cash (applied to) provided by operating transactions	<u>(7,862)</u>	<u>29,920</u>
<b>(Decrease) increase in cash and cash equivalents</b>	<b>(7,862)</b>	<b>29,920</b>
<b>Cash and cash equivalents at beginning of year</b>	<b>39,426</b>	<b>9,506</b>
<b>Cash and cash equivalents at end of year</b>	<b>\$ 31,564</b>	<b>\$ 39,426</b>

The accompanying notes and schedules are part of these financial statements.

**ENERGY EFFICIENCY ALBERTA**  
**NOTES TO THE FINANCIAL STATEMENTS**  
**March 31, 2019**

**NOTE 1 AUTHORITY AND PURPOSE**

Energy Efficiency Alberta (EEA) is a provincial corporation established on October 27, 2016 and operates under the authority of the *Energy Efficiency Alberta Act*, Chapter E-9.7 of the Statutes of Alberta, 2016.

The mandate of EEA is:

- To raise awareness among energy consumers of energy use and the associated economic and environmental consequences,
- To promote, design and deliver programs and carry out other activities related to energy efficiency,
- To promote energy conservation and the development of micro-generation and small scale energy systems in Alberta, and
- To promote the development of an energy efficiency services industry.

EEA is exempt from income taxes under the *Income Tax Act*.

**NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES AND REPORTING PRACTICES**

These financial statements are prepared in accordance with Canadian public sector accounting standards.

**(a) Basis of financial reporting**

**Revenue**

All revenues are reported on the accrual basis of accounting. Cash received for which goods or services have not been provided by year end is recognized as unearned revenue.

Government transfers

Transfers from all governments are referred to as government transfers.

Government transfers and the associated externally restricted investment income are recognized as deferred contributions if the eligibility criteria for use of the transfer, or the stipulations together with EEA's actions and communications as to the use of the transfer, create a liability. These transfers are recognized as revenue as the stipulations are met and, when applicable, EEA complies with its communicated use of the transfer.

All other government transfers, without stipulations for the use of the transfer, are recognized as revenue when the transfer is authorized and EEA meets the eligibility criteria (if any).

**ENERGY EFFICIENCY ALBERTA**  
**NOTES TO THE FINANCIAL STATEMENTS**  
**March 31, 2019**

**NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES AND REPORTING PRACTICES (cont'd)**

**(a) Basis of financial reporting (cont'd)**

Investment income

Investment income is recognized in the period in which the income is earned.

**Expenses**

Expenses are reported on an accrual basis. The cost of all goods consumed and services received during the year are expensed. Foreign exchange gains and losses are reflected within the cost of goods and services.

Grants are recognized as expenses when authorized and, eligibility criteria, if any, are met and a reasonable estimate of the amount can be made.

**Valuation of financial assets and liabilities**

EEA's financial assets and financial liabilities are generally measured as follows:

<b>Financial statement component</b>	<b>Measurement</b>
Cash and cash equivalents	Cost
Accounts receivable	Lower of cost or net recoverable value
Accounts payable and accrued liabilities	Cost

EEA does not carry any financial assets or liabilities at fair value and has no derivatives or unsettled exchange gains or losses therefore the statement of re-measurement gains or losses is not included in these financial statements.

**Financial assets**

Financial assets are assets that could be used to discharge existing liabilities or finance future operations and are not for consumption on the normal course of operations.

Financial assets are EEA's financial claims on external organizations and individuals, at the year end.

**Cash and cash equivalents**

Cash is comprised of cash on hand and demand deposits. Cash equivalents are short-term highly liquid investments that are readily convertible to known amounts of cash and that are subject to an insignificant risk of change in value. Cash equivalents are held for the purpose of meeting short-term commitments rather than for investment purposes.

**ENERGY EFFICIENCY ALBERTA**  
**NOTES TO THE FINANCIAL STATEMENTS**  
**March 31, 2019**

**NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES AND REPORTING PRACTICES**  
**(Cont'd)**

**(a) Basis of financial reporting (cont'd)**

**Accounts receivable**

Accounts receivable are recognized at the lower of cost or net recoverable value. A valuation allowance is recognized when recovery is uncertain.

**Liabilities**

Liabilities are present obligations of EEA to external organizations and individuals arising from past transactions or events occurring before the year end, the settlement of which is expected to result in the future sacrifice of economic benefits. They are recognized when there is an appropriate basis of measurement and management can reasonably estimate the amounts.

**Non-Financial assets**

Non-Financial assets are acquired or developed assets that do not normally provide reasons to discharge liabilities, but instead:

- a) are normally employed to deliver EEA services,
- b) may be consumed in the normal course of operations, and,
- c) are not for sale in the normal course of operations.

**Prepaid expenses**

Prepaid expenses are recognized at cost and amortized based on the terms of the agreement.

**(b) Change in Accounting Policy**

EEA has prospectively adopted the following standard from April 1, 2018: PS 3430 Restructuring Transactions. The adoption of this standard did not affect the financial statements.

**ENERGY EFFICIENCY ALBERTA**  
**NOTES TO THE FINANCIAL STATEMENTS**  
**March 31, 2019**

**NOTE 3 FUTURE ACCOUNTING CHANGES**

The Public Sector Accounting Board issued the following accounting standards:

- **PS 3280 Asset Retirement Obligations (effective April 1, 2021)**

This standard provides guidance on how to account for and report liabilities for retirement of tangible capital assets.

- **PS 3400 Revenue (effective April 1, 2022)**

This standard provides guidance on how to account for and report on revenue, and specifically, it addresses revenue arising from exchange transactions and unilateral transactions.

Management is currently assessing the impact of these standards on the financial statements.

**NOTE 4 BUDGET**

The budget, in the EEA business plan, as approved by the EEA board, was included in the 2018-19 Government estimates under the Ministry of Environment and Parks. Subsequent to the submission of the EEA business plan, EEA and the Ministry of Environment and Parks amended EEA's grant agreement. This resulted in a decrease in the budget as originally set out in the business plan from \$149.2 million to \$112.3 million in both revenues and expenses.

**NOTE 5 CASH AND CASH EQUIVALENTS**

Cash and cash equivalents consist primarily of cash on hand and demand deposits in the Consolidated Cash Investment Trust Fund (CCITF) of the Province of Alberta and cash and deposits with ATB Financial (ATB). The CCITF is managed while maintaining appropriate security and liquidity of depositors' capital. The portfolio is comprised of high-quality, short-term and mid-term fixed income securities with a maximum term of maturity of three years. For the year ended March 31, 2019, securities held by the CCITF had a time-weighted yield of 1.8% (2018-1.1%) per annum. Due to the short-term nature of CCITF investments, the carrying value approximates fair value. During the time the securities were held by ATB, a time-weighted return of 1.8% (2018-0%) was realized.

**ENERGY EFFICIENCY ALBERTA**  
**NOTES TO THE FINANCIAL STATEMENTS**  
**March 31, 2019**

**NOTE 6 ACCOUNTS RECEIVABLE**  
*(in thousands)*

Accounts receivable are unsecured and non-interest bearing.

	<b>2019</b>		<b>2018</b>
Accounts Receivable	\$ 1,298	\$	27
GST Receivable	5		16
	<u>\$ 1,303</u>	<u>\$</u>	<u>43</u>

**NOTE 7 FINANCIAL RISK MANAGEMENT**

EEA has the following financial instruments: accounts receivable, accounts payable and accrued liabilities. EEA has exposure to the following risks from use of financial instruments:

**(a) Credit Risk**

Credit risk relates to the possibility that a loss may occur from the failure of another party to perform according to the terms of a contract. EEA conducts a significant amount of business through contracts. In order to mitigate this risk, EEA requires surety bonds to be posted by contractors in favour of EEA. At March 31, 2019, EEA was a beneficiary under surety arrangements in the amount of \$7,202 (2018 – under letters of credit in the amount of \$750) as security for performance commitments by contractors executing programs on behalf of EEA. Credit risk on accounts receivable is considered low as amounts owing by third parties are usually immaterial and significant amounts owing are due from related parties.

**(b) Liquidity Risk**

Liquidity risk is the risk EEA will not be able to meet its obligations as they fall due. Liquidity risk is associated with EEA's financial liabilities. EEA's exposure to liquidity risk arises due to its cash flow requirements to fulfill payment of its account payable and accrued liabilities. EEA manages this risk by obtaining adequate funding from the Department of Environment and Parks.

**NOTE 8 ACCOUNTS PAYABLE AND ACCRUED LIABILITIES**  
*(in thousands)*

	<b>2019</b>		<b>2018</b>
Accounts payable general	\$ 24,396	\$	19,506
Accrued liabilities	519		9,689
	<u>\$ 24,915</u>	<u>\$</u>	<u>29,195</u>

**ENERGY EFFICIENCY ALBERTA**  
**NOTES TO THE FINANCIAL STATEMENTS**  
**March 31, 2019**

**NOTE 9 CONTINGENT LIABILITIES**

At March 31, 2019, EEA was not named as defendant in any specific legal actions.

**NOTE 10 CONTRACTUAL OBLIGATIONS**  
*(in thousands)*

Contractual obligations are obligations of EEA to others that will become liabilities in the future when the terms of the contracts or agreements are met.

	<b>2019</b>		<b>2018</b>	
Obligations under operating leases, contracts and programs	\$	99,121	\$	154,638
	\$	99,121	\$	154,638

Estimated payment requirements for each of the next five years and thereafter are as follows:

	<b>2019</b>	
<b>Obligations under operating leases, contracts and programs</b>		
2019-20	\$	78,823
2020-21		18,992
2021-22		435
2022-23		435
2023-24		436
Thereafter		-
	\$	99,121

**NOTE 11 DEFERRED CONTRIBUTIONS**  
*(in thousands)*

**(a) Deferred contributions**

	<b>2019</b>			<b>2018</b>
	Government of Alberta	Other Sources	Total	Total
Balance at beginning of year	\$ 1,191	\$ -	\$ 1,191	\$ -
Add: Cash contributions received during year	108,621	1,250	109,871	108,622
Less: amounts recognized as revenue	(109,812)	(471)	(110,283)	(107,431)
Balance at end of year	\$ -	\$ 779	\$ 779	\$ 1,191

**ENERGY EFFICIENCY ALBERTA**  
**NOTES TO THE FINANCIAL STATEMENTS**  
**March 31, 2019**

**NOTE 12 BENEFIT PLAN**

*(in thousands)*

EEA provides benefits whereby it makes available contributions for Registered Retirement Savings Plans (RRSP) on behalf of employees of EEA. The contributions are calculated based on a fixed percentage of the employee's salary to a maximum of the RRSP contribution limit as specified in the *Income Tax Act (Canada)*. The expense of \$491 (2018 - \$226) included in these financial statements represents the current contributions made on behalf of these employees.

**NOTE 13 COMPARATIVE FIGURES**

Certain 2018 figures have been reclassified to conform to the 2019 presentation.

**NOTE 14 APPROVAL OF FINANCIAL STATEMENTS**

The Board approved the financial statements of EEA.

**ENERGY EFFICIENCY ALBERTA**  
**SCHEDULE TO FINANCIAL STATEMENTS**  
**EXPENSES – DETAILED BY OBJECT**  
**Year ended March 31, 2019**

**Schedule 1**

	<b>2019</b>		<b>2018</b>
	<b>Budget</b>	<b>Actual</b>	<b>Actual</b>
	<i>(in thousands)</i>		
Salaries, Wages and Employee Benefits	\$ 5,673	\$ 4,892	\$ 2,079
Supplies and Services <sup>1</sup>	143,527	101,391	94,136
Grants	-	9,899	11,156
Financial Transactions and Other	-	17	60
	<b>\$ 149,200</b>	<b>\$ 116,199</b>	<b>\$ 107,431</b>

1. Incentives, rebates and other benefits received by recipients of EEA's program services are included in supplies and services expenses. Amounts of these benefits are \$71,639 (2018-\$82,348).

**ENERGY EFFICIENCY ALBERTA**  
**SCHEDULE TO FINANCIAL STATEMENTS**  
**SALARY AND BENEFITS DISCLOSURE**  
Year ended March 31, 2019

Schedule 2

	2019			2018	
	<i>(in thousands)</i>				
	Base salary <sup>(1)</sup>	Other cash benefits <sup>(2)</sup>	Other non-cash benefits <sup>(3)</sup>	Total	Total
<b>Board of Directors</b>					
Chair <sup>(4 5)</sup>	\$ -	21	1	22	\$ 48
Board Members <sup>(4 5)</sup>		99	10	109	64
<b>Executive</b>					
Chief Executive Officer <sup>(10)</sup>	182	-	43	225	220
Vice President of Corporate Services <sup>(6)</sup>	161	-	45	206	135
Vice President of Marketing and Communications <sup>(7)</sup>	159	-	46	205	118
Vice President of Corporate Performance <sup>(8)</sup>	158	-	45	203	112
Vice President of Program Design and Delivery <sup>(9)</sup>	159	-	41	200	43
Total	\$ 819	120	231	1,170	\$ 740

(1) Base salary includes regular salary.

(2) Other cash benefits include honoraria payments and other lump sum payments. There were no bonuses paid.

(3) Other non-cash benefits include employer's share of all employee benefits and contributions or payments made on behalf of employees including RRSP, health care, dental coverage, group life insurance, short and long term disability plans, conference fees and fair market value of parking.

(4) The board was re-appointed by the Lieutenant Governor in Council by Order in Council.

(5) Remuneration and expenses of the Board are prescribed as that specified in Schedule 1, Part A of the Committee Remuneration Order.

(6) The position was filled effective August 8, 2017.

(7) The position was filled effective September 5, 2017.

(8) The position was filled effective August 17, 2017.

(9) The position was filled effective January 15, 2018.

(10) Automobile provided, no dollar amount included in other non-cash benefits.

**ENERGY EFFICIENCY ALBERTA**  
**SCHEDULE TO FINANCIAL STATEMENTS**  
**RELATED PARTY TRANSACTIONS**  
**Year ended March 31, 2019**  
*(in thousands)*

**Schedule 3**

Related Parties are those entities consolidated or accounted for on the modified equity basis in the Government of Alberta's financial statements. Related parties also include key management personnel and close family members of those individuals in EEA. There were no transactions between EEA and its key management personnel or close family members during the year.

EEA and its employees paid or collected certain taxes and fees set by regulation for premiums, licenses and other charges. These amounts were incurred in the normal course of business, reflect charges applicable to all users, and have been excluded from this schedule.

EEA had the following transactions with related parties reported in the Statement of Operations and the Statement of Financial Position at the amount of consideration agreed upon between the related parties.

	2019		2018	
	Entities in the Ministry	Other Entities	Entities in the Ministry	Other Entities
<b>Revenues</b>				
Grants from the Department of Environment and Parks	\$ 113,491	\$ -	\$ 107,431	\$ -
<b>Expenses</b>				
Other Services <sup>1</sup> .	-	2,709	-	917
	<u>\$ 113,491</u>	<u>\$ 2,709</u>	<u>\$ 107,431</u>	<u>\$ 917</u>
<b>Payable to</b>				
Department of Environment and Parks	\$ -	\$ -	\$ 19	\$ -
Other Entities <sup>1</sup> .		499	-	745
	<u>\$ -</u>	<u>\$ 499</u>	<u>\$ 19</u>	<u>\$ 745</u>

1. Included in this amount is \$1,575 (2018 - \$711) of other services provided to related parties but contracted through third parties implementing EEA's energy efficiency programs. As of March 31, 2019, \$91 (2018 - \$675) is payable to related parties through third parties implementing EEA's energy efficiency programs.



Energy  
Efficiency  
Alberta

---

**Want to learn more about  
energy efficiency?**

Visit our website at  
[efficiencyalberta.ca](http://efficiencyalberta.ca)

---

**Have any questions or comments?  
Please contact us.**

[hello@efficiencyalberta.ca](mailto:hello@efficiencyalberta.ca)  
1-844-357-5604

---

 [energyefficiencyalberta](https://www.facebook.com/energyefficiencyalberta)

 [efficiencyAB](https://twitter.com/efficiencyAB)

 [efficiencyalberta](https://www.instagram.com/efficiencyalberta)

 [energy-efficiency-alberta](https://www.linkedin.com/company/energy-efficiency-alberta)