

December 21, 2010 - Program Update

Priority ranking for first-round FIT contracts posted

The OPA today posted the priority ranking for 242 first-round FIT projects - applications submitted between October 1 and November 30, 2009 - that did not receive contracts. The ranking is based on the acceleration - shovel readiness - criteria used to assess the first-round applications.

The ranking can be viewed [here](#).

The acceleration criteria for the first-round "launch" projects are set out in Section 13.4 of the FIT Rules. Information on the FIT launch criteria are available in the Program Launch Rules section of the FIT website, as well as on the FIT website's Program Launch Q&A.

We recognize there has been great interest in this list and we appreciate your patience.

Second-round applications, submitted between December 1, 2009, and June 4, 2010, are currently being assessed.

If you have questions about the FIT projects priority ranking, you can send an email to fit@powerauthority.on.ca (please put "FIT projects priority ranking" in the subject line), or you can call 1-888-387-3403.

Thank you for your interest in the FIT Program.

December 8, 2010 - Program Update

Proposed rule change for capacity allocation exempt (CAE) FIT applications

Please note that the comment period for making submissions about the rule change has now closed. Thank you to all who made submissions. We are now reviewing the submissions and expect to post the final rule change in the coming weeks.

To improve the application process and better align projects with available capacity, **the OPA is proposing a rule change to the FIT Program for CAE projects that would apply to applications submitted on or after December 8, 2010.** The OPA proposes to start including connection capacity assessments as part of the application review process. This proposed rule change is designed to ensure that potential connection issues are identified as early as possible in the application and contracting process. The proposed rule change can be [viewed here](#). For a summary of the proposed changes, [click here](#).

The OPA will accept comments on this proposed rule change for a period ending January 7, 2011. Comments can be emailed to submissions@powerauthority.on.ca.

The response to the FIT program for CAE projects and the microFIT program has been tremendous. As a result of this success, applications for these project types are outpacing upgrades needed to enable more connections in some areas. As described in the Long-Term Energy Plan, Ontario will continue to invest in upgrades to the transmission and distribution systems to accommodate renewable energy supply in an efficient and cost-effective way.

In areas where technical challenges are identified, the OPA, Hydro One and local distribution companies will continue to work with proponents that have already submitted applications for microFIT and CAE FIT projects.

If you have already submitted an application or received a contract and have not yet talked to your local distribution company, you should do so as soon as possible.

For more information about connecting your CAE FIT project, please speak to your local distribution company. If you still have questions, you can send an email to fit@powerauthority.on.ca (please put "connection" in the subject line) or you can call 1-888-387-3403.

Thank you for your interest in the FIT Program for CAE projects.

October 18, 2010 - Program Update

FIT Program Updated Timeline

The OPA has developed the following updated timeline for the FIT Program.

Date	Activity
June 4, 2010	Deadline for the electronic submission of new FIT applications eligible for the upcoming Economic Connection Test (ECT).
June - September 2010	OPA review of applications submitted between December 1, 2009 and June 4, 2010.
October 18, 2010	Start Transmission Availability Test (TAT) and Distribution Availability Test (DAT) for December 1, 2009 - June 4, 2010 applications.
Late November 2010	Release results of TAT/DAT.

Notes:

- Results of TAT/DAT will be a list of projects that will proceed to contract and a list of projects that will proceed to the ECT.
- Applications will continue to be accepted after this time, but all non-capacity allocation exempt applications submitted after June 4 will be reviewed and assessed following the completion of the ECT.
- An update on the timing of the ECT and the preceding activities, including the window to change a project's connection point and the priority ranking of projects pending ECT, will be posted shortly.

FIT Capacity Allocation Exempt Projects

Applications for capacity allocation exempt projects submitted after June 4, 2010 are reviewed and offered contracts on an ongoing basis. The OPA expects that contract offers will begin in late October 2010 for these applications.

For applications submitted before October 8, 2010, applicants should consider the requirements and timelines associated application review, notice to proceed and declaring commercial operation before electing an early milestone date for commercial operation in order to qualify for the lower domestic content requirements. There will be no extension on the required milestone date for commercial operation beyond the current contractual requirement.

October 8, 2010 - Program Update

Domestic Content Deadlines for FIT Capacity Allocation Exempt (CAE) solar PV projects

Section 6.4 of the FIT Rules states that solar PV and wind projects that are capacity allocation exempt may elect to have an early milestone date for commercial operation of December 31, 2010 and December 31, 2011 respectively, in order to qualify for lower domestic content requirements.

The option to elect an early milestone date will no longer be available for FIT Program solar PV applications submitted after October 8, 2010, as the time required for FIT application review, project development process steps and FIT contract requirements to declare commercial operation is at least six months.

A sample timeline for a FIT capacity allocation exempt project is set out below.

- FIT application review by the OPA requires at least 60 days
- the application process and completion of the required connection impact assessment requires 60 days
- the FIT supplier's request and the OPA's issuance of a notice to proceed requires 20 business days
- the FIT supplier's submission of all the documentation associated with the declaration of commercial operation and the OPA response requires 20 business days.

Solar PV project applicants therefore will no longer have the option to elect an early milestone date for commercial operation. All solar PV applications submitted electronically after October 8, 2010 will have a milestone date for commercial operation of three years from the contract date. These applications will be subject to a minimum 60 percent domestic content level for solar PV projects.

Wind project applicants that are capacity allocation exempt will still be allowed to select an early milestone date for commercial operation of December 31, 2011.

August 27, 2010 - Program Update

The OPA has received a response from Measurement Canada to its proposal to address in-series connection configurations. The OPA proposal has been assessed by Measurement Canada and was determined to be capable of complying with the Electricity and Gas Inspection Act.

For more information on Measurement Canada's decision on in-series connected projects, please refer to:
<http://www.ic.gc.ca/eic/site/mc-mc.nsf/eng/lm04345.html>.

The OPA is undertaking an assessment of a possible implementation plan for the in-series connections proposal in cooperation with the Ministry of Energy and the Ontario Energy Board.

For load customers who have in-series connections to FIT or microFIT projects, charges must demonstrate four distinct trade transactions from the two bi-directional meters used to calculate the customer's electricity usage. Bill presentation is regulated by Ontario Regulation 275/04 and changes to billing systems can be costly. Therefore, more information will need to be collected to understand the full cost of implementing the proposal.

Upon completion, if the implementation plan is justifiable, the plan will be presented to Measurement Canada and the Ontario Energy Board for final review.

The connection of new projects using an in-series configuration will not be permitted until local distribution companies are able to connect in-series customers in compliance with the requirements set out in the accepted proposal.

Please note that if your project is already connected in-series and you have a FIT or microFIT contract, your contract will be honoured by the OPA.

[Measurement Canada in-series connection background](#)

[Measurement Canada in-series connection past updates](#)

August 13, 2010 - Program Update

The OPA has updated the FIT price schedule for ground-mounted solar PV projects. To view the new price list, click [here](#).



August 11, 2010 - Program Update

The OPA has updated the FIT prescribed forms under Program resources. Please [click here](#) to access the new forms.

August 4, 2010 - Program Update

To view the updated FIT guidelines for multiple projects on one property, please click on the link below.

 [FIT Guidelines: Multiple Projects on One Property](#)

June 1, 2010 - Program Update

FIT Program Timeline

The Ontario Power Authority has developed the timelines set out below for the FIT Program.

July 27, 2010 update:

The timelines posted below have changed due to delays in processing the large number of applications received. An updated version will be posted as soon as it is available.

FIT Projects (greater than 500 kW)

Date	Activity
June 4, 2010	Deadline for the electronic submission of new FIT applications eligible for the upcoming Economic Connection Test (ECT).
Early – mid June 2010	Release of the connection points and the priority rankings for all active applications received during the launch period (from October 1 to November 30, 2009).
Early - July 2010	<p>Release of the results for the Transmission Availability Test (TAT) and the Distribution Availability Test (DAT), as well as the connection points and time-stamp, for applications received from December 1, 2009 to June 4, 2010.</p> <p>This information will reflect the most up-to-date data available regarding the status of all applications submitted from program launch (October 1) to June 4, including the list of executed contracts.</p> <p>Release of updated TAT tables.</p>
July 5 – July 23, 2010	Window for applicants to change the connection points for all applications submitted by June 4, 2010. Applicants must use the prescribed form posted on the FIT website.
Early August 2010	Planned start of the first ECT.
Early August – mid September 2010	Processing of Individual Project Assessments (IPA).
First Quarter 2011	Planned completion of the first ECT.

Notes:

- Applications submitted by June 4 will proceed through review, connection availability testing and consideration for contract before the ECT is held in August.
- Applications proceed to contract or the ECT as they are deemed to be complete and have completed the TAT and DAT.

- Applications submitted by June 4 that do not proceed to contract will be considered in the ECT.
- Applications will continue to be accepted after this time, but will be reviewed and assessed following the ECT.

FIT Capacity Allocation Exempt Projects (less than 500 kW)

Contracts for capacity allocation exempt projects submitted after the launch period (after November 30, 2009) will begin in early June. Contracts will be offered on an ongoing basis as applications are deemed complete.

May 28, 2010 - Program Update

The OPA has received a response from Measurement Canada to its proposal to address in-series connection configurations. The OPA proposal has been assessed by Measurement Canada and was determined to be capable of complying with the Electricity and Gas Inspection Act.

For more information on Measurement Canada's decision on in-series connected projects, please refer to:

<http://www.ic.gc.ca/eic/site/mc-mc.nsf/eng/lm04345.html>.

The OPA is undertaking an assessment of a possible implementation plan for the in-series connections proposal in cooperation with the Ministry of Energy and the Ontario Energy Board.

For load customers who have in-series connections to FIT or microFIT projects, charges must demonstrate four distinct trade transactions from the two bi-directional meters used to calculate the customer's electricity usage. Bill presentation is regulated by Ontario Regulation 275/04 and changes to billing systems can be costly. Therefore, more information will need to be collected to understand the full cost of implementing the proposal.

Upon completion, if the implementation plan is justifiable, the plan will be presented to Measurement Canada and the Ontario Energy Board for final review.

The connection of new projects using an in-series configuration will not be permitted until local distribution companies are able to connect in-series customers in compliance with the requirements set out in the accepted proposal.

Please note that if your project is already connected in-series and you have a FIT or microFIT contract, your contract will be honoured by the OPA.

[Measurement Canada in-series connection background](#)

[Measurement Canada in-series connection past updates](#)

May 19, 2010 - Program Update

The OPA has received a response from Measurement Canada to its proposal to address in-series connection configurations. The OPA proposal has been assessed by Measurement Canada and was determined to be capable of complying with the Electricity and Gas Inspection Act.

For more information on Measurement Canada's decision on in-series connected projects, please refer to:

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[Measurement Canada in-series connection background](#)

>[Measurement Canada in-series connection past updates](#)

May 7, 2010 - Program Update

NEWS RELEASE

The First Two Feed-In-Tariff Projects are Providing Power to the Province

TORONTO, May 7, 2010 – Two facilities that turn waste into emissions-free electricity became the first larger-scale projects under Ontario's Feed-in Tariff program to supply power to Ontario's electricity system today.

"These projects symbolize what can be accomplished when governments and individuals work together on a shared vision for a better future," said Minister of Energy and Infrastructure Brad Duguid. "We look forward to seeing more of these projects, which will clean up our air, create jobs and make Ontario a destination of choice for renewable energy development."

The two projects are located in eastern Ontario. One is a 6.4-megawatt (MW) landfill gas facility in Ottawa. The other is a 500-kilowatt biogas facility located on a dairy farm in Seeley's Bay, about 35 kilometres from Kingston.

"This is a significant milestone for the FIT program and another major step in our strategy to create a clean, reliable electricity system," said Colin Andersen Chief Executive Officer of the Ontario Power Authority.

In March and April, the Ontario Power Authority announced contracts for 694 mid and large-size FIT projects, which could generate more than 2,500 megawatts – enough electricity to power 600,000 homes. The operating dates for these projects vary but most of them will be generating electricity within three years. Approximately 200 projects are expected to be in service within a year.

The state-of-the-art landfill gas to energy facility is owned and operated by Waste Management of Canada Corporation. The facility will collect landfill gas and convert it into green, renewable energy. The facility will be able to generate over six megawatts of electricity, enough energy to power 6,000 homes for a year.

"This landfill gas-to-energy facility is a win-win project for the community and Waste Management's landfill," says Remi Godin, market area gas operations manager for Eastern Canada. "The community benefits from the environmental benefits, and Waste Management will be able to turn a once-wasted commodity into a valuable energy resource."

Ledgecroft Farms is a family dairy farm that has been operating for over 30 years. The biogas facility will process the manure from the farm's 500 Holstein cows and use it to generate clean electricity. The facility will generate 500 kilowatts of electricity, enough to power 400 homes.

Ontario's Feed-In Tariff program has allowed Ledgecroft Farms to complement its dairy business with a clean, renewable energy project. "There are no two systems more compatible than a dairy farm and biogas system," said Jennifer Green, part owner of Ledgecroft Farms. "The inputs of one become a fuel source for the other which in turn provides immeasurable environmental benefits and improvements to our land, water and air. We are excited to be on the leading edge of Ontario's green energy movement."

Since 2003, about 1,300 MW of renewable generation has come online in Ontario. This generation will produce enough electricity to power more than 300,000 homes – or a city the size of Windsor. Ontario is Canada's leader in wind power and solar photovoltaic capacity. The province is home to both Canada's largest wind and solar farms.

The Ontario Power Authority is responsible for ensuring a reliable, sustainable supply of electricity for Ontario. Its four key

areas of focus are: planning the power system for the long term, leading and co-ordinating conservation initiatives across the province, ensuring development of needed generation resources, and supporting the continued evolution of the electricity sector.

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April 27, 2010 - Program Update

NEWS RELEASE

Toronto, April 27, 2010 – First Nations and Métis in Ontario will soon be able to apply to a new program to support participation in the province's growing renewable energy sector and help build sustainable and stronger economies for their communities.

The Aboriginal Energy Partnership Program (AEPP), which launched today, will provide knowledge and support to help communities interested in building new renewable energy generation projects in Ontario.

"Ontario's Green Energy Act is opening up opportunities for First Nation and Métis people, businesses and communities to participate in the transformation of our energy sector," said Brad Duguid, Minister of Energy and Infrastructure. "Through this new partnership program, we are creating the conditions necessary for success by providing concrete support to build capacity in Aboriginal communities."

Current Ontario initiatives to support Aboriginal participation include a \$250-million loan guarantee program and price adders for Feed-In Tariff projects in which Aboriginal communities have a minimum of 10 per cent equity stake.

The new Aboriginal Energy Partnership Program (AEPP), administered by the Ontario Power Authority (OPA) has three interrelated components – The Aboriginal Renewable Energy Fund, the Aboriginal Renewable Energy Network and Aboriginal Community Energy Plans.

The Aboriginal Renewable Energy Fund will fund some of the initial up-front costs associated with developing a new renewable energy project. The program will cover costs such as resource assessments, engineering studies, environmental and regulatory approval studies and business plan preparation. Qualified Aboriginal community projects are eligible for a maximum of \$500,000 under the Aboriginal Renewable Energy Fund.

"The Anishinaabe peoples in Northern Ontario have not had the opportunity to advise Ontario of their own aspirations relative to their energy needs until now. The Aboriginal Renewable Energy Fund will enable First Nations and Ontario to define their partnership in practical terms at the community level. It will also enable both parties to harmonize their efforts successfully in a renewable green energy program for our children and generations yet unborn," said Elder Fred Kelly, member of the OPA's Aboriginal Advisory Committee.

The AEPP also includes the Aboriginal Renewable Energy Network, which is an evolving web-based tool that provides information about Ontario's electricity system, types of renewable energy resources and technology, the FIT and microFIT programs, environmental requirements, business planning, project development and project management.

"The Network will be a useful tool for those who are asked to develop a project in an aboriginal community. This website will be a great information resource for community members and students who want to know more about renewable energy and conservation in Ontario," said Senator Bob McKay of the Métis Nation of Ontario.

The Aboriginal Community Energy Plans component is still under development. When complete, First Nation and Métis communities will have the opportunity to identify energy savings, identify new resources and plan their future energy needs.

The ongoing evolution of the AEPP will be guided by advice and guidance from the Aboriginal Advisory Committee which is comprised of eight members nominated by First Nation Political Territorial Organizations, the Métis Nation of Ontario and the OPA.

For further information on the AEPP, please visit the Aboriginal Renewable Energy Network at www.aboriginalenergy.ca/. The OPA will begin accepting applications April 28, 2010.

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April 14, 2010 - Program Update

May 28, 2010:

The OPA has received a response from Measurement Canada to its proposal to address in-series connection configurations. The OPA is now working with the Ontario Energy Board to implement a solution for in-series connections.

May 19, 2010 update:

On May 19, 2010, Ontario Energy Board sent a letter to local distribution companies instructing them to stop in-series connections for FIT and microFIT projects because Measurement Canada will not recognize or support the in-series metering configuration.

As a result, in-series connections are no longer permitted under the FIT and microFIT Programs. FIT contract holders and applicants and microFIT applicants therefore must pursue other permitted options – in parallel and direct – for connecting their projects to the distribution system.

If you have already connected your contract facility using an in-series connection, stay tuned for further communication on this issue. The OPA is continuing to work with Measurement Canada to find a solution for existing in-series connections.

The OPA will agree to any contract termination request from FIT suppliers who determine that their project is not feasible or economic with an alternative connection scenario. The OPA will also agree to return any completion and performance security for contracts terminated under this circumstance.

 [May 19, 2010, letter from Ontario Energy Board to local distribution companies](#)

Background

All FIT Program generators must have separate meters (with the exception of incremental facilities, which will have the same meter). Metering must meet local distribution company or Independent Electricity System Operator requirements and provide hourly data.

Any additional metering functionality or requirements, including those established by the local distribution company or the Independent Electricity System Operator, are the sole responsibility of the generator.

In March 2010, the OPA received an email from Measurement Canada notifying the OPA that the microFIT Program may be using an inappropriate metering configuration. While Measurement Canada referred to the microFIT Program, the same concern applied to the FIT Program.

Measurement Canada is responsible for ensuring the integrity and accuracy of measurement in the Canadian marketplace. It:

- develops and administers the laws and requirements governing measurement
- evaluates, approves and certifies measuring devices

- investigates complaints of suspected inaccurate measurement.

Any person who installs a meter for "the purpose of obtaining the basis of a charge for electricity supplied by or to him" must comply with regulations and standards set by Measurement Canada.

Measurement Canada stated in its email to the OPA that it "will not recognize or support" the in-series metering configuration defined by Figure 2(b) of the microFIT Rules. This is primarily because there could be an unacceptable level of error that results when two meters are used to measure electricity consumed by a load customer.

The OPA's rationale for including in-series connections in the FIT and microFIT Programs was based on stakeholder feedback indicating that in-series connections are often preferred by generators. Stakeholders noted that parallel and direct connections are often cost-prohibitive and/or impractical.

Given the prior use of this metering configuration, the OPA did not foresee an issue with in-series connections for microFIT and FIT projects. In-series connections are commonly used in other jurisdictions. The OPA recognizes that this ruling could be an inconvenience for FIT and microFIT proponents and will continue to work with Measurement Canada to resolve this issue.

If you have any further questions or concerns, please call 1-888-387-3403.

The OPA will post updates on this issue as new information becomes available.

April 8, 2010 - Program Update

April 8, 2010 - The 184 projects announced today will generate enough energy to power 600,000 homes. Seventy-six of the approved projects are ground-mounted solar photovoltaic, 47 are on-shore wind and 46 are waterpower projects. There are also seven biogas, two biomass, four landfill gas, one rooftop solar and one offshore wind projects.

 [April 8, 2010 - Ontario announces 184 large-scale renewable energy projects](#)

 [Le 8 Avril, 2010 - 184 projets d'énergie renouvelables à grande échelle annoncés en Ontario](#)

 [April 8, 2010 - Ontario's Feed-in Tariff Program Backgrounder](#)

 [Le 8 Avril, 2010 - Programme Ontarien de tarifs de rachat garantis \(FIT\) - Renseignements généraux](#)

 [April 8, 2010 - FIT announcement quotes](#)

Click on the links below to view lists of FIT projects offered contracts, sorted by applicant legal name, fuel source and project city, as well as lists of projects awaiting the economic connection test (ECT), sorted by applicant legal name, fuel source, project city and project region.

 [Contracts offered by legal applicant name](#)

 [Contracts offered by fuel source](#)

 [Contracts offered by project city](#)

 [Awaiting ECT by legal applicant name](#)

 [Awaiting ECT by fuel source](#)

 [Awaiting ECT by project city](#)

 [Awaiting ECT by project region](#)

April 8, 2010 - Ontario Announces 184 Large-Scale Renewable Energy Projects

NEWS RELEASE

TORONTO, April 8, 2010 – More Ontario homes and businesses will soon be powered by green energy with the awarding of contract offers for almost 2,500 megawatts of renewable energy announced today by Ontario's Minister of Energy and Infrastructure, Brad Duguid. These projects, approved under the province's landmark Feed-in Tariff (FIT), are part of the largest green energy investment of its kind in Canadian history.

These projects are in addition to the 510 renewable energy contract offers totalling 112 megawatts (MW) approved last month.

"These projects are the latest accomplishments of the Green Energy Act which is making Ontario a place of destination for green energy development, manufacturing, and expertise," said Minister Duguid. "The investments generated by FIT will not only create green jobs, but will also build a coal-free legacy for future generations."

The 184 projects announced today will generate enough energy to power 600,000 homes. Located in communities across the province, the total 694 Feed-in Tariff (FIT) contract offers announced to date will create 20,000 direct and indirect green jobs and attract about \$9 billion in private sector investment, as well as investment in new Ontario-based manufacturing.

"In six short months the Feed-in Tariff program has delivered strong results and has more than exceeded our expectations," said Ontario Power Authority CEO Colin Andersen.

Enabling community and aboriginal participation in renewable energy development is a key objective of the province's Green Energy Act. Thirty-six community and aboriginal projects will receive a first round FIT contract. These projects are located in communities throughout the province.

"I'm pleased to see aboriginal and local communities across Ontario as active participants in the green energy movement. Their leadership enhances Ontario's efforts to establish itself as a North American leader in renewable energy," said Minister Duguid.

Seventy-six of the approved projects are ground-mounted solar photovoltaic, 47 are on-shore wind and 46 are waterpower projects. There are also seven biogas, two biomass, four landfill gas, one roof top solar and one off-shore wind projects.

Significantly expanding the amount of renewable generation is a key part of the provincial government's strategy to address climate change by eliminating dirty coal-fired generation by the end of 2014. The FIT program's mandatory requirements for "made in Ontario" technologies and services also makes renewable generation a key part of the strategy to make the province North America's leader in green jobs and manufacturing.

Future transmission system expansion will open up capacity to accommodate more renewable projects. Projects that did not receive a first round FIT contract offer will now be put through what is called an Economic Connection Test (ECT) to identify transmission or distribution system expansion projects that support renewable generation and meet economic requirements. The first test will start in August/September. Renewable energy projects enabled by these expansions projects will be eligible for a FIT contract once work begins on the projects.

The Ontario Power Authority is responsible for ensuring a reliable, sustainable supply of electricity for Ontario. Its four key areas of focus are: planning the power system for the long term, leading and co-ordinating conservation initiatives across the

province, ensuring development of needed generation resources, and supporting the continued evolution of the electricity sector.

[Click here](#) to view a graphical display of the renewable energy projects under the FIT Program and the planned transmission system in Ontario.

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Le 8 Avril, 2010 - 184 projets d'énergie renouvelables à grande échelle annoncés en Ontario

COMMUNIQUÉ

TORONTO, le 8 avril 2010 – Un nombre croissant de foyers et d'entreprises Ontariens seront bientôt alimentés par de l'énergie verte grâce à l'octroi de près de 2500 mégawatts en contrats d'énergie renouvelable, tel qu'a été annoncé aujourd'hui par M. Brad Duguid, ministre Ontarien de l'Énergie et de l'Infrastructure. Ces projets, approuvés en vertu du nouveau tarif de rachat provincial (FIT), font partie d'un investissement provincial décisif dans l'énergie verte, probablement l'investissement le plus important de ce genre dans l'histoire canadienne.

Ces projets viennent s'ajouter aux 510 offres d'énergie renouvelable qui totalisent 112 mégawatts (MW) et qui ont été approuvés le mois dernier.

« Ces projets sont les réalisations les plus récentes aux termes de la Loi sur l'Énergie Verte, loi qui transforme peu à peu l'Ontario en une destination de choix pour le développement de projets énergétiques verts, de leur fabrication, et de l'expertise s'y affairant. » a déclaré le ministre Duguid. « Non seulement les investissements générés par la FIT pourront créer des emplois verts, mais ils pourront aussi aider à la réalisation d'un avenir énergétique sans charbon pour les générations futures. »

Les 184 projets annoncés aujourd'hui permettront de générer suffisamment d'énergie pour alimenter 600.000 foyers. Situées au sein de plusieurs collectivités provinciales, ces 694 offres aux termes du tarif de rachat (FIT) annoncées jusqu'à ce jour permettront de créer directement et indirectement 20.000 emplois verts. Ces offres aideront à attirer environ 9 milliards de dollars en investissements provenant du secteur privé, ainsi que des investissements dans la modernisation du secteur manufacturier de l'Ontario.

« En six mois à peine, le programme de rachat FiT nous a donné de solides résultats et a nettement dépassé nos espérances », a déclaré Colin Andersen, Directeur général de l'Office de l'Électricité de l'Ontario (OPA).

Offrir des possibilités dans le champ de l'énergie renouvelable pour les communautés autochtones et en solliciter leur participation est un objectif clé de la loi provinciale sur l'énergie verte. Parmi les candidats du premier groupe, trente-six projets communautaires et autochtones recevront un contrat FIT. Ces projets communautaires sont repartis d'un bout à l'autre la province.

« Je suis heureux de voir que les communautés autochtones et locales en Ontario sont des participants actifs dans le mouvement de l'énergie verte. » a déclaré le ministre Duguid. « Leur leadership renforce les efforts de cette province à s'établir comme champion nord-américain en matière d'énergie renouvelable. »

Parmi les projets approuvés, soixante-six sont des installations photovoltaïques montées au sol, quarante-sept sont pour des éoliennes terriennes et quarante-six sont pour des projets hydroélectriques. Il y a également sept projets au biogaz, deux à la biomasse, quatre au gaz d'enfouissement, un projet solaire de toiture, et une éolienne lacustre. Des renseignements détaillés sur les projets, y compris leur emplacement, sont disponibles sur le site Web de l'Office de l'Électricité de l'Ontario (OPA), à www.powerauthority.on.ca.

Un élément clé de la stratégie du gouvernement provincial dans la lutte contre le changement climatique est d'augmenter considérablement la production d'énergie renouvelable tout en éliminant la production des centrales au charbon d'ici la fin de

2014. Par ailleurs, les exigences du programme FIT en ce qui concerne la technologie et les services "made in Ontario" (d'origine Ontarienne) sont aussi un élément clé de la stratégie, visant à faire de la province un champion nord-américain des emplois verts et la fabrication s'y afférant.

Un des facteurs importants pour l'accueil de nouveaux projets d'énergie renouvelable est l'expansion future du réseau de transmission. Les projets qui n'ont pas reçu une offre de contrat FIT ce premier tour, seront maintenant évalués par ce qu'on appelle un test économique de connectivité (TEC). Cet exercice pourra identifier quels projets de lignes de transmission ou de distribution seraient nécessaires à l'appui d'une production d'énergie renouvelable tout en répondant à des exigences économiques établies. Le premier test commencera en Août / Septembre prochain. Tout projet d'énergie renouvelable rendu viable par ces modifications du réseau de lignes sera alors admissible à un contrat FIT, une fois le travail commencé.

L'Office de l'électricité de l'Ontario (OPA) a pour mandat de satisfaire, d'une façon fiable et durable, la demande d'électricité de l'Ontario. Ses quatre domaines essentiels d'activité sont: le planning du système électrique à long terme, la direction et la coordination des initiatives de conservation dans toute la province, la poursuite du développement de la production d'électricité, et la promotion de l'évolution continue du secteur électrique.

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Des renseignements supplémentaires liés à l'annonce d'aujourd'hui sont disponibles sur le site web du programme de rachat FIT.

Media Contacts:

Tim Butters

Ontario Power Authority
416-969-6307

Amy Tang

Office of the Honourable Brad Duguid
Minister of Energy and Infrastructure
416-327-6747

April 8, 2010 - Backgrounder

Ontario's Feed-in Tariff Program:

Ontario's Feed-In Tariff (FIT) program for renewable energy generation is a cornerstone of the province's Green Energy Act. The provincial government launched the program in September 2009, and the Ontario Power Authority (OPA) started accepting applications on October 1, 2009. It is North America's first comprehensive Feed-in tariff program for renewable energy.

- During the launch period of the Feed-in Tariff program, the Ontario Power Authority received about 930 FIT applications, which represents about 8, 000 megawatts (MW) of renewable energy potential.
- On April 8, 2010, the province of Ontario announced 184 contracts for large FIT projects – projects exceeding 500 kilowatts (kW). These projects have a combined generating capacity of 2,421 MW, enough electricity each year to power more than 600,000 homes.
- Earlier, on March 10, 2010, the province announced 510 contracts for mid-scale FIT projects (10 kW to 500 kW) with a generating capacity of 112 MW
- The first round of FIT contracts represent the single largest green energy initiative of its kind in Canada.
- Domestic content requirements for FIT projects are intended to help support the creation of new green energy jobs. In total, these 694 FIT projects will result in the creation of 20,000 direct and indirect new green economy jobs, and about \$9 billion in private sector investment, as well as investment in manufacturing.
- Since 2003, about 1,300 MW of renewable generation has come online in Ontario. This generation will produce enough to power more than 300,000 homes – or a city the size of Windsor. Ontario is Canada's leader in wind power and solar photovoltaic capacity. The province is home to both Canada's largest wind and solar farms. Ontario is already among the top 10 solar jurisdictions in Canada and the United States, ranked even higher than sunny places like Florida and Texas.
- The Feed-in Tariff program includes a stream called microFIT which is designed to encourage homeowners, businesses and others to generate renewable energy with projects of 10 kilowatts (kW) or less.

Feed-in Tariff Program: (Projects over 10 kW):

- The first of the 510 mid-size FIT projects (10 to 500 kW), were approved March 10, 2010 and have a potential generating capacity of 112 MW.
- On April 8, 2010, the Ontario Power Authority announced the approval of 184 large-scale (over 500 kW) Feed-in Tariff contract offers. The following is a breakdown of the projects by region:

Regional Breakdown								
Area	Provincial	East	Central	Niagara	West of London	Bruce	Northwest	Northeast
Contract Offered	184	60	22	28	7	1	12	54
Sum of MWs	Provincial	East	Central	Niagara	West of London	Bruce	Northwest	Northeast
Contract Offered	2421	898	170	629	231	1	99	394

Project breakdown by fuel source

Technology Breakdown										
Fuel Source	Provincial	Bio-Gas	Bio-Gas on Farm	Biomass	Landfill Gas	Solar Ground	Solar Rooftop	Water	Wind (On-shore)	Wind (Off-shore)
Contract Offered	184	7	0	2	4	76	1	46	47	1
Sum of MWs	Provincial	Bio-Gas	Bio-Gas on Farm	Biomass	Landfill Gas	Solar Ground	Solar Rooftop	Water	Wind (On-shore)	Wind (Off-shore)
Contract Offered	2421	16	0	19	15	651	1	192	1229	300

Aboriginal project breakdown

Aboriginal								
Area	Provincial	East	Central	Niagara	West of London	Bruce	Northwest	Northeast
Contract Offered	16	1	1	0	0	0	4	10
Sum of MWs	Provincial	East	Central	Niagara	West of London	Bruce	Northwest	Northeast
Contract Offered	120	5	20	0	0	0	35	60

Community project breakdown

Community								
Area	Provincial	East	Central	Niagara	West of London	Bruce	Northwest	Northeast
Contract Offered	20	11	0	7	0	1	0	1
Sum of MWs	Provincial	East	Central	Niagara	West of London	Bruce	Northwest	Northeast
Contract Offered	264	99	0	163	0	1	0	1

microFIT Program:

- The first 700 microFIT conditional offers were issued on December 16, 2009.
- As of April 5, 2010, more than 180 projects were connected to the grid and will be receiving payments for the electricity generated.
- The OPA has received microFIT applications from across the province, from Windsor to Thunder Bay. There are some areas that have had a significant number of applications submitted, including Chatham-Kent, Toronto and Ottawa.
- As of April 6, 2010, the Ontario Power Authority has received nearly 8,500 microFIT applications. The Ontario Power Authority is continuing to review and verify these applications.
- Breakdown of microFIT applications received as of April 6, 2010:

Energy Source	Number of Applications	Capacity (Kw)
Solar Photovoltaic (PV)	8,424	76036.20
Wind	44	338.9
Renewable biomass	12	100
Landfill Gas	5	49.41
Water	5	26.85
Biogas	1	9.6
Total	8,491	76,560.96

- As of April 6, 2010, the OPA sent nearly 3,000 conditional offers to microFIT applicants subject to applicants obtaining approval to connect to the electricity grid from their local distribution company (LDC).

- Once the connection offer is obtained from the local distribution company and a contract is signed, the length of time it will take for microFIT applicants to start generating electricity will vary depending on the readiness of individual projects.
- MicroFIT is an ongoing program with applications being accepted on a continual basis. Once the current applications have been processed, the Ontario Power Authority anticipates a 30-day turnaround for microFIT applications.
- Detailed information about the microFIT application process and program rules is available on the OPA website.

Next Steps:

- Economically viable projects that do not receive contracts in this round will be considered when more transmission connection capacity is available or approved. The OPA will determine economic viability through an Economic Connection Test (ECT). OPA will carry out this test for all of Ontario every six months on a rotating basis throughout the province. The first ECT will take place in August/September 2010.
- 1,500 MW of additional transmission capacity for renewable projects will be delivered through the Bruce to Milton transmission project that Hydro One currently has underway. Bruce-Milton capacity will be assigned at the beginning of the ECT so some of the Bruce area projects that do not receive a contract in April will receive one in the fall of 2010 as part of the ECT.
- Hydro One has begun development work for a number of transmission upgrades already, which is moving Ontario down the path toward expanding the system to accommodate even more renewables over time.

Le 8 Avril, 2010 - Programme Ontarien de tarifs de rachat garantis (FIT)

Renseignements

Programme Ontarien de tarifs de rachat garantis (FIT):

- Le programme Ontarien de tarifs de rachat garantis (FIT) pour la production d'énergie renouvelable est une des pièces-clé de la Loi provinciale sur l'énergie verte. Le gouvernement provincial a lancé ce programme en Septembre 2009, et l'Office de l'Électricité de l'Ontario (OPA) accepte des demandes depuis le 1er Octobre, 2009. C'est le premier programme de cette envergure en Amérique du Nord qui couvre toutes sortes de projets d'énergie renouvelable.
- Pendant la période de lancement du programme de rachat garantis, l'Office de l'électricité de l'Ontario a reçu environ 930 demandes d'inscription au programme FiT. Ceci représente à peu près 8 000 mégawatts(MW) de capacité éventuelle en énergie renouvelable.
- Le 8 Avril 2010, la province de l'Ontario a annoncé 184 contrats de projets à grande échelle admis au programme FIT – projets dont la taille est supérieure à 500 kilowatts (kW). Ces projets ont une capacité totale de 2421 MW, ce qui produirait assez d'énergie pour alimenter plus de 600,000 foyers.
- Le 10 Mars dernier, la province annonça l'octroi de 510 contrats à des projets de taille moyenne admissibles au FIT (entre 10kW et 500kW) avec une capacité totale de 112MW.
- Ce premier tour de contrats FiT représente l'initiative énergétique verte la plus importante du Canada.
- Les exigences qui concernent le contenu domestique des projets admissibles au FIT ont pour but d'aider à soutenir la création de nouveaux emplois affairant l'énergie verte. Au total, ces 694 projets de la FIT résulteraient en 20.000 nouveaux emplois « verts », directs et indirects, et en un investissement d'environ 9 milliards de dollars provenant du secteur privé, ainsi que du secteur manufacturier.
- Depuis 2003, environ 1.300 MW d'électricité renouvelable ont été mis en service en Ontario, assez pour alimenter plus de 300.000 foyers - soit une ville de la taille de Windsor. L'Ontario est le leader canadien en matière de capacité éolienne et photovoltaïque solaire. La province est à la fois le siège de la plus grande ferme éolienne et du plus grand parc solaire du Canada. Du reste, l'Ontario est déjà parmi les 10 premières régions solaires du Canada et des États-Unis, classé au dessus d'autres endroits ensoleillés comme la Floride et le Texas.
- Le programme de rachat comprend un classement dénommé MicroFit, conçu pour encourager les propriétaires particuliers, les entreprises et d'autres secteurs sociaux à produire de l'énergie renouvelable avec les projets de 10 kilowatts (kW) ou moins.

Programme de tarifs de rachat garantis (Projets dépassant 10 kW):

- Le premier groupe de projets FiT de taille moyenne (10 à 500 kW) sélectionnés parmi 510 candidats, ont été approuvés le 10 Mars, 2010 et ont une capacité totale de production éventuelle de 112 MW.
- Le 8 Avril 2010, l'Office de l'électricité de l'Ontario a annoncé l'octroi de 184 contrats FiT pour des projets de grande taille (plus de 500kW). Le tableau qui suit est une liste détaillée de ces projets, classés par région :

Classement régional

Classement régional								
Région	Total provincial	Est	Centre	Niagara	Ouest de London	Bruce	Nord-ouest	Nord-est
Contrats octroyés	184	60	22	28	7	1	12	54
Capacité totale (MW)	Total provincial	Est	Centre	Niagara	Ouest de London	Bruce	Nord-ouest	Nord-est
Contrats octroyés	2421	898	170	629	231	1	99	394

Classement par technologie

Classement par technologie										
Source énergétique	Total provincial	Biogaz	Biogaz sur ferme	Biomasse	Gaz souterrain	PV* au sol	PV* au sol	Hydro	Éoliennes terriennes	Éoliennes lacustres
Contrats octroyés	184	7	0	2	4	76	1	46	47	1
Capacité totale (MW)	Total provincial	Biogaz	Biogaz sur ferme	Biomasse	Gaz souterrain	PV* au sol	PV* au sol	Hydro	Éoliennes terriennes	Éoliennes lacustres
Contrats octroyés	2421	16	0	19	15	651	1	192	1229	300

*PV = photovoltaïque

Classement par technologie

Classement Aborigène									
Région	Total provincial	Est	Centre	Niagara	Ouest de London	Bruce	Nord-ouest	Nord-est	
Contrats octroyés	16	1	1	0	0	0	4	10	
Capacité totale (MW)	Total provincial	Est	Centre	Niagara	Ouest de London	Bruce	Nord-ouest	Nord-est	
Contrats octroyés	120	5	20	0	0	0	35	60	

Classement communautaire

Classement communautaire									
Région	Total provincial	Est	Centre	Niagara	Ouest de London	Bruce	Nord-ouest	Nord-est	
Contrats octroyés	20	11	0	7	0	1	0	1	
Capacité totale (MW)	Total provincial	Est	Centre	Niagara	Ouest de London	Bruce	Nord-ouest	Nord-est	
Contrats octroyés	264	99	0	163	0	1	0	1	

Programme de rachat microFIT:

- Les premières 700 offres conditionnelles du programme MicroFit ont été émises le 16 décembre 2009.
- En date du 5 Avril 2010, plus de 180 projets ont été connectés au réseau et s'apprêtent à recevoir leur premier revenu pour l'électricité produite.
- L'OPA a reçu des demandes MicroFit de tous les coins de la province, de Windsor à Thunder Bay. Les régions qui ont connu le plus grand nombre de demandes sont celles de Chatham-Kent, Toronto et Ottawa.
- En date du 6 Avril 2010, l'Office de l'Électricité de l'Ontario (OPA) a reçu plus de 8500 demandes au programme MicroFit. L'OPA est en cours d'analyser et de vérifier ces demandes
- La Répartition des demandes au programme MicroFit reçues en date du 6 Avril 2010 suit.

Source énergétique	Nombre de demandes	Capacité (KW)
Photovoltaïque (PV)	8,424	76036.20
Éolienne	44	338.9
Biomasse renouvelable	12	100

Gaz souterrain	5	49.41
Hydro	5	26.85
Biogaz	1	9.6
Total	8,491	76,560.96

- En date du 6 Avril 2010, l'Office de l'Électricité de l'Ontario (OPA) a émis près de 3000 offres à des candidats au MicroFit, à condition que ceux-ci obtiennent de leur société locale de distribution l'approbation de se brancher au réseau d'électricité.
- Une fois l'accord obtenu de leur société locale de distribution et le contrat dûment signé, le délai nécessaire aux demandeurs pour commencer à produire de l'énergie ne dépend que de l'état de préparation de chaque projet.
- MicroFit est un programme actif dont les demandes continuent d'être acceptées. Une fois que les demandes en cours de traitement seront complétées, l'Office de l'Électricité de l'Ontario (OPA) prévoit un temps d'exécution de 30 jours pour les demandes MicroFit.
- Des renseignements détaillés sur le processus de demande au MicroFit et sur les règles du programme sont disponibles sur le site de l'OPA

Ce qui va suivre:

- Tout projet qui, bien qu'économiquement viable, ne réussit pas à obtenir un contrat, sera réexaminé une fois que l'augmentation en marge utile de connexion au réseau de transmission sera approuvée ou disponible. L'OPA déterminera cette viabilité grâce à un test économique de connectivité (TEC). Cet examen sera entrepris tous les six mois, suivant un roulement cyclique, et couvrira toute la province. Le premier de ces TEC sera entrepris en Aout/Septembre 2010.
- Le projet de transmission de Bruce à Milton que Hydro One a actuellement en cours ajoutera 1500 MW de capacité de transmission supplémentaire qui seront disponibles pour des projets d'énergie renouvelable. La marge utile des lignes Bruce-Milton sera répartie au début du TEC. Ainsi, certains projets énergétiques dans la région de Bruce qui n'ont pas reçu de contrat en Avril en recevront un dans le cadre du TEC de l'automne prochain.
- Hydro One a déjà commencé des travaux sur plusieurs projets d'amélioration du réseau de transmission. Ces travaux seront clé dans l'effort de guider l'Ontario vers l'accueil de bien plus de projets de production d'énergie renouvelable dans les années qui viennent.

April 8, 2010 - FIT Announcement Quotes

Association of Power Producers of Ontario (APPrO)

"The FIT was intended to spur renewable generation development and APPrO is very pleased that the OPA working with Hydro One has been able to award as many FIT contracts as announced today. The next big challenge is to address the capacity constraints in our transmission system in order to realize the full potential for renewable generation in Ontario."

Dave Butters
President & CEO
Association of Powers Producers of Ontario
Tel: 416-322-6549

Canadian Solar Industries Association (CanSIA)

"CanSIA and its members are overwhelmed by today's announcement which underlines the commitment of the McGuinty government to be a global leader in terms of renewable energy and it will cement Ontario's place as a leading solar jurisdiction. We also want to acknowledge the hard work of the Ontario Power Authority and its partners for actually doing all the groundwork that has made today possible."

Elizabeth A. McDonald
President
Canadian Solar Industries Association
Tel: 1-613-736-9077

Canadian Wind Energy Association (CanWEA)

"CanWEA applauds the government of Ontario and the Ontario Power Authority on this significant first step in realizing the huge potential under Ontario's Green Energy Act," said Robert Hornung, president of CanWEA. "Capturing more of Ontario's wind energy resource will require a continued commitment to open and fair access to the Feed in Tariff, as well as accelerated investment in new transmission infrastructure."

Robert Hornung
President
Canadian Wind Energy Association
Tel: 1-800-922-6932

Chippewas of Georgina Island

"Georgina Island First Nation is delighted that its proposed 20 megawatt wind farm has received a feed-in-tariff (FIT) contract offer from the Ontario Power Authority. The people of Georgina Island First Nation have been working on this project for several years so it is particularly gratifying to be among the initial group of sixteen First Nations projects approved under the new Green Energy Act introduced by the Ontario Government. We are proud to add renewable green energy generation to our heritage of environmental responsibility."

Donna BigCanoe
Chief

Chippewas of Georgina Island
Tel: 1-705-437-1337

Community Power Fund

“This is exciting news for Ontario’s community power sector. Today’s announcement will allow Ontarians to directly share the financial returns from renewable energy investments made in our province. Community power projects encourage local ownership and result in more returns flowing into the community.”

Brent Kopperson
Chair
Community Power Fund
Tel: 416-977-3154

Durham College

“The provincial government’s Feed in Tariff program has proven to be an excellent opportunity for Durham College to demonstrate to our students through a living lab environment how we can produce clean energy at our Whitby campus and then make it available for the grid,” said Durham College President Don Lovisa. “The first-hand demonstration of this unique program also reinforces for our students the increasing opportunities for careers in the clean-energy sector.”

Don Lovisa
President
Durham College
Tel: 1-905-721-3300

Electricity Distributors Association (EDA)

“Ontario’s electricity distributors, in co-operation with the Ontario Power Authority, are proud to be a part of the expansion of renewable energy and supporting the development of sustainable communities in Ontario. Distributors are playing a primary role in providing guidance and assistance to those who want to engage and connect FIT and microFIT projects to the power grid. With new opportunities under the Green Energy Act some electricity distributors are now even spearheading new FIT projects of their own within their service territories.”

Charlie Macaluso
President and Chief Executive Officer
Electricity Distributors Association
Tel: 1-905-265-5300

Environmental Defence

“Watch out Germany and Denmark, Ontario is poised to become a new world leader in renewable energy. The contracts announced today position Ontario to cash in on the green energy economy, generating new jobs and encouraging investment in the province. Contracts to community and aboriginal owned projects will ensure that Ontarians have an opportunity to realize the financial benefits of the Green Energy and Green Economy Act for decades to come.”

Dr. Rick Smith
Executive Director
Environmental Defence
(member of the Green Energy Act Alliance)
Tel: 416-323-9521

Horizon Utilities

"Thanks to the critical incentive provided through the Feed-In Tariff program, Horizon Energy Solutions Incorporated will harness the sun from the rooftops of the Golden Horseshoe to create Ontario's Solar Sunbelt (TM). We'll help to generate a

sustainable source of power with cleaner air to breathe. Without the far-sighted policy of the government, the commercial rollout of a sustainable green energy program and green economy would remain a dream. The program provides both a ready market and a fee structure that will nurture solar power to the point that it will be commercially viable through economies of scale."

Max Cananzi
Chief Executive Officer
Horizon Holdings, Horizon Utilities, Horizon Energy Solutions Incorporated
Tel: 1-905-522-9200

MaRS Discovery District

"The size of today's announcement shows the depth of interest the Green Energy Act is creating in the renewable energy sector. It's another example that the Act puts Ontario out front in North America when it comes to renewable energy production. The Act's Feed-In Tariff is clearly effective at moving capital into the sector, and generating lots of green electrons."

Tom Rand
Practice Lead, Cleantech and Physical Science
Venture Group, MaRS
MaRS Discovery District
Tel: 416-673-8416

Ontario Sustainable Energy Association (OSEA)

"This is great news for both the province and the planet. The high number of contracts awarded to communities clearly indicates that people see the opportunities to financially benefit from generating renewable energy, while meeting their moral obligation to reduce greenhouse gas emissions and pollution. Communities that own the wind turbines, solar panels, or hydro dams have more control over them and so are best able to address any concerns. It is clear from the announcement today that there is wide-spread acceptance of renewable energy, especially when local people are involved."

Kristopher Stevens
Executive Director
Ontario Sustainable Energy Association
Tel: 416-977-4441

Ontario Waterpower Association (OWA)

"Today's announcement is a modest yet important first step in realizing Ontario's significant untapped waterpower potential", said Paul Norris, President of the Ontario Waterpower Association. "Expediting enabling transmission and reducing regulatory burden will be key to increasing the contribution of flexible waterpower from hundreds to thousands of new megawatts."

Paul Norris
President
Ontario Waterpower Association
Tel: 1-705-743-1500

The Pembina Institute

"With the Green Energy and Economy Act, Ontario has distinguished itself as a renewable energy leader, not only in Canada but in North America. Today's announcement shows how quickly good policy leads to real results."

Tim Weis
Director, Renewable Energy and Efficiency

The Pembina Institute

Tel: 416-644-1016

St. Lawrence College

"St Lawrence College applauds the Ontario government's leadership in advancing renewable energy. The Green Energy Act and the Feed-In-Tariff (FIT) program have been particularly effective and clearly have been a tremendous catalyst for business growth and development. St Lawrence is the leading college in Ontario and, in fact, in Canada in renewable energy programming. We have been able to respond quickly in meeting the demand for skilled, knowledgeable workers, as the many related industries continue to grow. Most certainly the stimulus and incentive that comes from the FIT program has accelerated not only our curriculum development and enrolment growth in our programs, but has led us to forge a number of new partnerships and even research endeavours that complement our work in the area of renewable energy. At present St Lawrence College offers 3 full-time programs in the area of renewable energy, which are Energy Systems Engineering Technician & Technologist, and Wind Turbine Technician and a Geothermal Engineering Technician program is currently under development. We also offer a host of continuing education and contract training courses. "Energy House", a renewable energy research and demonstration facility, is a key part of our programming and community outreach, and we are also leading a national project in solar curriculum development. The government of Ontario's vision and leadership is to be complimented, and as partners in prosperity for our province, St Lawrence College also remains committed to developing the skilled work force to advance and support these initiatives."

Chris Whitaker

President & CEO

St. Lawrence College

Tel: 1-613-544-5400

University of Ontario Institute of Technology (UOIT)

"The University of Ontario Institute of Technology (UOIT) is a leader in green energy research and innovation," said Richard Marceau, provost, "our students and faculty fully appreciate the enormous benefits these energy sources offer in promoting use of new technologies, research and strategies to build a sustainable, reliable, cleaner supply of power for our society. The FIT program is an excellent tool, well-positioned to catalyze the generation of green energies in our province."

Richard Marceau

Provost

University of Ontario Institute of Technology

Tel: 1-905-721-8668

University of Waterloo

"Our partnership with the province and resulting investment in new infrastructure through KIP, as well as continued enhancement of our programs in sustainable and renewable energy, has positioned Waterloo and the province as a central hub for green energy research. Our Waterloo Institute for Sustainable Energy (WISE), School of Environment, Enterprise and Development (SEED), plus programs in environment and resource studies and planning, are producing a new generation of graduates and leaders in green energy."

Deep Saini

Dean of the Faculty of Environment

University of Waterloo

Tel: 1-519-888-4567

March 11, 2010 - Program Update

To view step-by-step instructions on how to execute a FIT contract, please click on the link below.

 [FIT Contract Execution Instructions](#)

March 10, 2010 - Ontario's Landmark Green Energy Plan Delivers

NEWS RELEASE

Ontario's Landmark Green Energy Plan Delivers

510 renewable projects get go-ahead, including rooftop solar installations for Loblaw Companies retail stores

TORONTO - March 10, 2010 - The future will be brighter for many businesses in Ontario as more than 500 new green energy projects, most of them solar power installations, were approved today.

These 510 projects are the first larger power generators to obtain contracts through Ontario's landmark Feed-In Tariff (FIT) program, the most comprehensive of its kind in North America. FIT encourages the development of renewable energy projects from a diverse range of producers, including homeowners, schools, farmers, large retailers and small businesses, by offering long-term, stable prices for the electricity generated.

"Everybody is participating, from everywhere in Ontario, from farmers, schools and hospitals to large scale retail and commercial operations," said Brad Duguid, Minister of Energy and Infrastructure. "These projects will create a new source of income while providing new clean and green electricity in Ontario - particularly on hot, sunny summer days when demand soars. With our new domestic content rules, these projects will also help create new 'green collar' jobs here in Ontario, as well as major economic investments in equipment and services here at home."

The 510 projects are to be built in 120 communities across Ontario by farmers, municipalities, local distribution companies, commercial businesses, industrial customers, public institutions, such as schools and hospitals, a winery and even a church. The projects range from 10 kilowatts to 500 kilowatts and have a total generating capacity of 112 megawatts - enough energy to power more than 13,000 homes. About 95 percent of the projects are for solar generation. The remaining projects are biogas (20), water (4), onshore wind (3) and biomass (1). A detailed list of the projects is available on the Ontario Power Authority's website at www.fit.powerauthority.on.ca.

Loblaw Companies Limited, Canada's largest grocery retailer, has been approved for FIT applications for rooftop solar installations on 136 of its Ontario stores. The grocery retailer will initially launch four pilot projects in select stores across the province and then evaluate the next phase of rollouts.

"This initiative is part of Loblaw's overall effort to support renewable energy sources and green operation and embraces ways to reduce our carbon footprint," said Bob Chant, vice president, corporate affairs, Loblaw Companies Limited. "We are committed to driving green energy production using new and innovative technologies, such as this pilot project with photovoltaic panels."

The Feed-in Tariff program's domestic content requirements ensure that a key portion of the technology used for renewable energy generation comes from Ontario. Developers must meet a certain percentage of made-in-Ontario goods and labour at the time the project reaches commercial operation. For solar photovoltaic projects larger than 10 kilowatts, the requirement is 50 per cent today, which will increase to 60 per cent on Jan. 1, 2011.

"The Ontario Power Authority is very excited about today's announcement. Over the last year, we consulted, developed and launched the program. These first contracts really bring the program to life and highlight its success," said Colin Andersen, CEO of the Ontario Power Authority.

The Ontario Power Authority began accepting FIT applications on Oct. 1, 2009 and received 956 eligible applications for the first round of FIT contracts, including the 510 projects announced today. Due to their size (up to 500 kilowatts), these projects can be connected to Ontario's electricity grid without detailed impact assessments necessary for larger projects.

The FIT program, one of the cornerstones of Ontario's Green Energy Act, provides stable, guaranteed pricing to renewable energy producers. It supports the province's commitment to eliminate dirty coal-fired generation by the end of 2014 — the single largest climate change initiative in Canada. FIT and other initiatives under the Green Energy Act will support the creation of 50,000 "green collar" jobs.

The OPA is responsible for ensuring a reliable, sustainable supply of electricity for Ontario. Its four key areas of focus are: planning the power system for the long term, leading and co-ordinating conservation initiatives across the province, ensuring development of needed generation resources, and supporting the continued evolution of the electricity sector.

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Media Contact - Tim Butters, Ontario Power Authority, 416-969-6307 /
Toll Free: 1-800-797-9604

Le 10 Mars, 2010 - Le plan Ontarien sur l'énergie verte marque un but!

510 projets renouvelables prennent le départ, y compris un nombre d'installations solaires sur le toit des supermarchés Loblaw

TORONTO - Le 10 Mars, 2010 - À partir d'aujourd'hui, l'avenir sera plus brillant pour de nombreuses entreprises Ontariennes, car plus de 500 nouveaux projets d'énergie verte, dont la plupart seraient des installations d'énergie solaire, viennent d'être approuvés.

Ces 510 projets sont les premiers producteurs d'électricité de taille à obtenir des contrats selon les termes du remarquable programme FiT (Programme de rachats garantis) de l'Ontario, le programme de ce genre le plus complet d'Amérique du Nord. FIT favorise le développement de projets d'énergie renouvelable en leur offrant des prix stables pour l'électricité produite. L'éventail de producteurs comprend des propriétaires individuels, des écoles, des agriculteurs, des grands magasins et des petites entreprises.

« La participation est vraiment générale, venant de tous les coins de l'Ontario, depuis les agriculteurs, les écoles et les hôpitaux jusqu'aux grands magasins de détail et les entreprises commerciales », a déclaré Brad Duguid, ministre de l'Énergie et de l'Infrastructure. « Ces projets conduiront à la création d'une nouvelle source de revenus en Ontario tout en nous procurant de l'électricité propre et verte - notamment pendant les journées chaudes et ensoleillées de l'été, quand la charge électrique monte en flèche. Grâce à nos nouvelles règles sur leur contenu domestique, ces projets contribueront aussi à la création de nouveaux travaux dits «emplois verts» ici en Ontario, et inciteront un grand nombre d'investissements importants en matériaux et en main d'œuvre ici même, chez nous. »

Parsemés dans 120 communautés un peu partout en Ontario, ces 510 projets appartiennent à des agriculteurs, des municipalités, des sociétés de distribution locales, des entreprises commerciales, des clients industriels, des institutions publiques (écoles, hôpitaux), un vignoble et même une église. La taille de ces projets va de 10 à 500 kilowatts; ils ont une capacité totale de production de 112 mégawatts et produiront assez d'énergie pour alimenter plus de 13.000 foyers. Environ 95 pour cent sont des projets qui utilisent l'énergie solaire. Le reste utilise le biogaz (20), l'eau (4), l'énergie éolienne terrestre (3) et la biomasse (1). Une liste détaillée des projets est disponible sur le site Web de l'Office de l'Électricité de l'Ontario (OPA) à www.fit.powerauthority.on.ca.

La Compagnie Loblaw SARL, représentant la chaîne de supermarchés la plus importante, vient d'obtenir l'acceptation au programme FiT pour installer des panneaux solaires sur le toit de 136 de ses magasins en Ontario. Elle va commencer par entreprendre un premier lancement de quatre projets pilotes dans certains magasins choisis à travers la province, ce qui lui permettra de faire une évaluation avant d'entrer dans la phase plénière des installations.

«Cette initiative s'inscrit dans le cadre de l'effort général chez Loblaw, visant l'utilisation de sources d'énergie renouvelables et le verdissement de ses opérations tout en se vouant au but de réduire notre empreinte carbone», a déclaré Bob Chant, vice-président des affaires d'entreprise, chez Loblaw SARL. "Nous nous sommes engagés à pousser la production d'énergie verte en utilisant des technologies nouvelles et innovatrices, telles que ce projet pilote de panneaux photovoltaïques."

Les exigences du programme FiT quant au contenu domestique assurent qu'une partie essentielle de la technologie utilisée pour la production d'énergie renouvelable provienne de l'Ontario. Le jour de l'inauguration commerciale du projet, le fabricant doit être en mesure de prouver qu'il a utilisé un pourcentage important de matériaux et de main d'œuvre provenant de l'Ontario. Pour des projets solaires photovoltaïques de plus de 10 kilowatts, la règle est de 50 pour cent pour le moment, mais ceci augmentera à 60 pour cent le 1er janvier 2011.

« C'est avec joie que l'Office de l'Électricité de l'Ontario annonce aujourd'hui cette nouvelle. Le lancement du programme est l'aboutissement d'une année de consultation et d'efforts coopératifs. Ces premiers contrats marquent réellement le naissance du programme et soulignent son succès » a déclaré Colin Andersen, président directeur général de l'Office de l'Électricité de l'Ontario (OPA).

L'Office de l'Électricité de l'Ontario a reçu 956 demandes éligibles depuis le début des inscriptions au programme FIT, le 1er octobre 2009. Ceci constitue la première série de contrats de rachats garantis, y compris les 510 projets annoncés aujourd'hui. En raison de leur petite taille (jusqu'à 500 kilowatts), ces projets pourront être connectés au réseau d'électricité de l'Ontario sans études d'impact détaillées, études qui seraient nécessaires pour des projets plus importants.

Le programme de rachats garantis FIT, étant l'une des pièces-clé de la Loi sur l'énergie verte, établit un barème de prix garantis pour les producteurs d'énergie renouvelable. Il soutient l'engagement de la province vers l'élimination de la génération au charbon d'ici la fin de 2014 – l'initiative contre le changement climatique la plus importante du Canada. Le programme FIT et d'autres initiatives cadrées par la Loi sur l'énergie verte entraîneront aussi la création de 50.000 emplois dits "cols verts".

L'Office de l'Électricité de l'Ontario (OPA) est chargé d'assurer un approvisionnement d'électricité fiable et durable en Ontario. Sa mission couvre quatre principaux domaines d'action: la planification du système électrique pour le long terme, la direction et la coordination de travaux de conservation à travers la province, l'assurance du développement de ressources génératrices nécessaires et le soutien d'une évolution continue du secteur de l'électricité.

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March 10, 2010 - Ontario's Feed-In Tariff Program Backgrounder

- Ontario's Feed-In Tariff (FIT) program for renewable energy generation is a cornerstone of the province's Green Energy Act. The provincial government launched the program in September 2009, and the Ontario Power Authority (OPA) started accepting applications October 1, 2009. It is North America's first comprehensive feed-in tariff program for renewable energy.
- The program includes a stream called microFIT which is designed to encourage homeowners, businesses and others to generate renewable energy with projects of 10 kilowatts (kW) or less. MicroFIT is designed to make it simpler and faster to get small-scale renewable projects installed and producing power. The FIT program is designed for larger projects greater than 10 kW.
- Prices paid for renewable energy generation under FIT and microFIT vary by energy source and take into account the capital investment required to get a project up and running:

Renewable Technologies and Pricing		
Landfill gas 10.3¢ - 11.1¢/kWh	Biogas 10.4¢ - 19.5¢/kWh	Waterpower 12.2¢ - 13.1¢/kW
Biomass 13.0¢ - 13.8¢/kWh	Windpower 13.5¢ - 19¢/kWh	Solar PV 44.3¢ - 80.2¢/kWh

- Under the program, participants are paid a fixed-price for the electricity they generate. FIT and microFIT contracts are for 20 years, with the exception of waterpower, which has a 40-year contract.
- Domestic content requirements for both FIT and microFIT projects are intended to help support the creation of 50,000 new green jobs in Ontario. MicroFIT projects will help create new local businesses and green jobs as demand grows for technologies such as solar panels, wind turbines, biomass and waterpower generation equipment, and for Ontarians who can design, build, install, operate and maintain these technologies.
- Currently, about 1,300 MW of renewable electricity are in operation in Ontario, excluding large-scale hydro, enough to power more than 300,000 homes – or a city the size of Windsor.
- Ontario is Canada's leader in wind power and solar photovoltaic capacity. The province is home to both Canada's largest wind and solar farms. Ontario is already among the top 10 solar jurisdictions in Canada and the United States, ranked even higher than sunny places like Florida and Texas.

microFIT Applications

- The first 700 microFIT conditional offers were issued on Dec. 16, 2009.
- As of March 8, 2010, over 180 projects were connected to the grid and will be receiving payments for the electricity generated.
- The OPA has received microFIT applications from across the province, from Windsor to Thunder Bay. There are some areas that have had a significant number of applications submitted, including Chatham-Kent, Toronto and Ottawa.
- As of March 8, 2010, the Ontario Power Authority has received over 6000 microFIT applications. Ontario Power Authority is continuing to review and verify these applications.
- Breakdown of microFIT applications received as of March 8, 2010 :

Energy Source	Number of Applications	Capacity (Kw)
Solar Photovoltaic (PV)	6,114	454,299.4
Wind	40	305.4
Renewable biomass	11	93
Landfill Gas	6	52.4
Water	4	16.9
Biogas	1	9.6
Total	6,176	54,777

- As of March 8, 2010, the Ontario Power Authority sent almost 2000 conditional offers to microFIT applicants subject to applicants obtaining approval to connect to the electricity grid from their local distribution company (LDC).
- Once the connection offer is obtained from the local distribution company and a contract is signed, the length of time it will take for microFIT applicants to start generating electricity will vary depending on the readiness of individual projects.
- MicroFIT is an ongoing program with applications being accepted on a continual basis. Once the current applications have been processed, the Ontario Power Authority anticipates a 30-day turnaround for microFIT applications.
- Detailed information about the microFIT application process and program rules are available on the OPA website.

FIT Capacity Allocation Exempt projects

- The first of the 510 FIT Capacity Allocation Exempt contracts were awarded on March 10, 2010.
- Capacity Allocation Exempt means that they can be developed without significant impact on the transmission or distribution systems, and through an expedited connection process.
- As of Dec. 1, 2009 the Ontario Power Authority received 956 acceptable FIT applications. 510 of these projects were between 10 and 500 kilowatts and are Capacity Allocation Exempt.

FIT Launch Applications - Capacity Allocation Exempt			
Energy Source	Number of Applications	Capacity (MW)	Percentage of Total
Biogas	9	4.1	3.7
Ground-Mounted Solar PV	6	1.9	1.6
Landfill Gas	0	0.0	0.0
Off-Shore Wind	0	0.0	0.0
On-Shore Wind	3	1.0	0.9
On-Farm Biogas	11	2.2	2.0
Renewable Biomass	1	0.3	0.2
Rooftop Solar PV	476	101.8	90.8
Water	4	0.9	0.8
TOTAL	510	112.2	100

FIT Applications - Next Steps

- The OPA has estimated that there is approximately 2,500 megawatts of available transmission connection capacity for renewable energy projects over 500 kilowatts. The Ontario Power Authority is continuing to review and verify these applications and will give priority to “shovel-ready” projects.
- The first round of FIT applications are prioritized based on specific criteria to determine the most viable and “shovel-ready” projects that can be in operation soonest. FIT applications require a much more extensive review by the Ontario Power Authority, local distribution companies, transmitters and the Independent Electricity System Operator. Given the

tremendous number of applications, the Ontario Power Authority has redeployed resources to complete the review.

- In March, the OPA started offering FIT contracts beginning with Capacity Allocation Exempt projects (10 to 500 kW), and it will continue in April with the rest of the FIT projects.

- 1,500 MW of additional transmission capacity will be delivered through the Bruce to Milton transmission project that Hydro One currently has underway.
- Economically viable projects that do not receive contracts will be considered once more transmission connection capacity is available or approved. The OPA will determine viability through an Economic Connection Test. It will carry out this test every six months on a rotating basis throughout the province. The schedule for the test will be developed as part of the review process.
- Ontario is undertaking an ambitious program of expansion and renewal of the province's transmission facilities. Twenty transmission projects as well as investments into the distribution network were announced last September to ensure there is enough capability for renewable generation resulting from the FIT and the Green Energy Act. The projects represent a potential investment of about \$2.3 billion over the next three years, and are expected to result in about 20,000 jobs. They include core lines, which form the backbone of the transmission system, and enabler lines. Hydro One Networks is leading these transmission expansion initiatives.
- Planning for six core transmission network upgrades are moving forward, including North-South lines from Sudbury to Barrie and Barrie to the Greater Toronto Area and an East-West line from Nipigon to Wawa. In addition to bringing more renewable power online, these significant upgrades will strengthen the reliability of Ontario's transmission system and increase energy transfer across the province.

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FIT Launch Applications - Under Review

