



MELG in the beginning...

~~Engineer~~

~~Planner~~

~~Accountant~~

# Plans and Programs

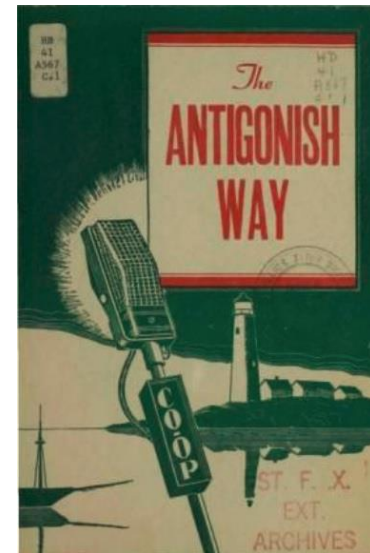
- ICSP
- MCCAP
- Land Use Planning
- Energy **Audit**- 2008 and **2018 ongoing**
- Strategic Priorities
- **Partners for Climate Protection**
- **Asset Management Plan**
- **Energy Plan**

# Antigonish Climate Resilience

promoting public awareness  
and action on climate change



# COMMUNITY



# LISTENING TO OUR NEIGHBOURS

EXPLORING THE CHANGING CLIMATE IN ANTIGONISH, NS

Five vignettes with the following areas of focus; Following the Tax Dollar, Water and Waste Water; Solid Waste Management and PW; Active Community Recreation and an Overview on Municipal Services and Antigonish County.



-won the ***Union of Nova Scotia Municipalities Climate Change Leaders Award!*** -  
Nov 2015

**FREE screening**  
**BEFORE THE FLOOD**  
in celebration of World Water Day

a documentary film from Academy Award winners  
Leonardo DiCaprio and Fisher Stevens

OFFICIAL SELECTION  
TORONTO INTERNATIONAL  
FILM FESTIVAL  
2016

OFFICIAL SELECTION  
BFI LONDON  
FILM FESTIVAL  
2016

**7:00 Wednesday, March 22**  
at the Office of the Municipality of the County of Antigonish  
285 Beech Hill Road

[antigonishcounty.ns.ca](http://antigonishcounty.ns.ca) [antigonishfilmfest.org](http://antigonishfilmfest.org)

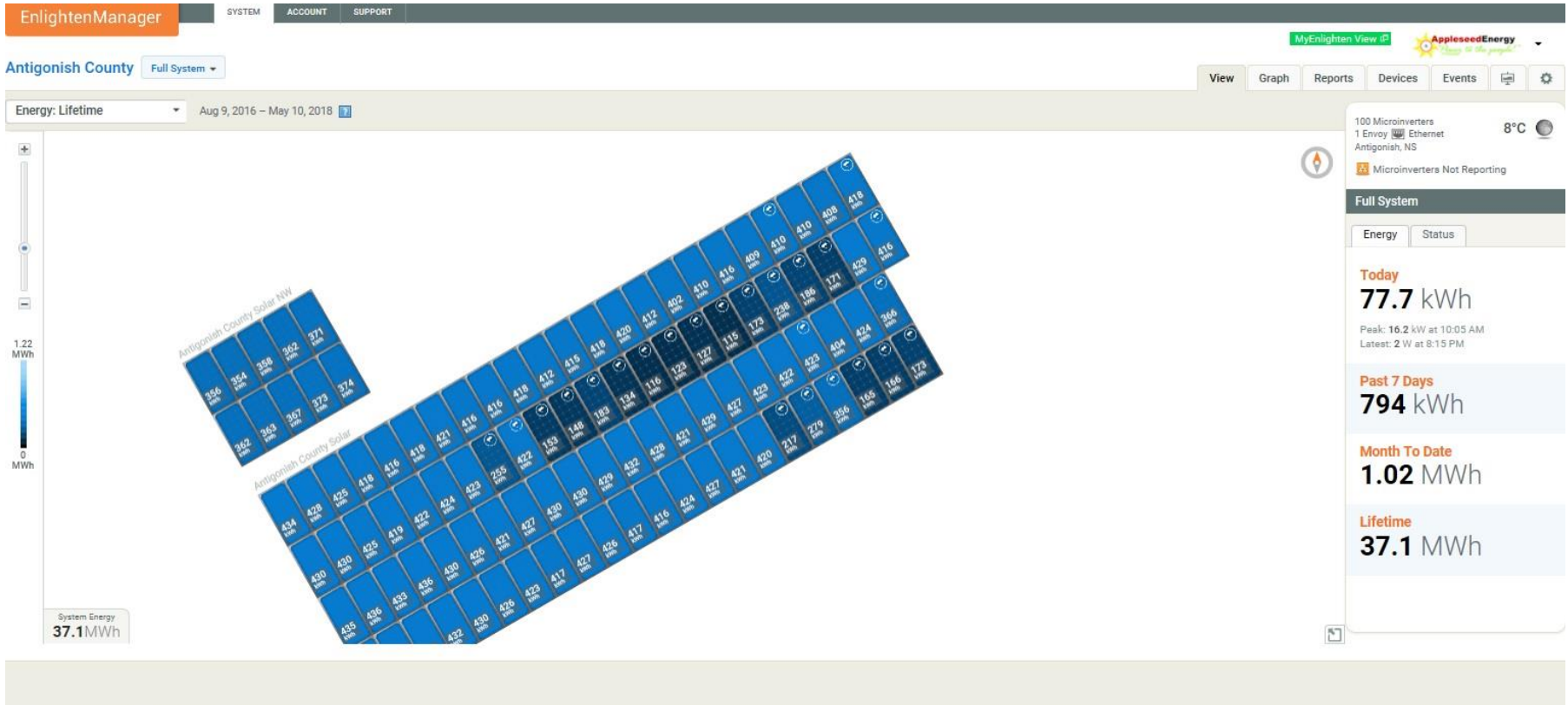
# Renewables VS Efficiency

- Building Automation Unit
- Lights
- Power cords and vampire power
- Water and Waste water Treatment
- New windows, roof, doors

# Renewable – Solar



# 25kWh system = 37.1 MWh



# Consumption changes

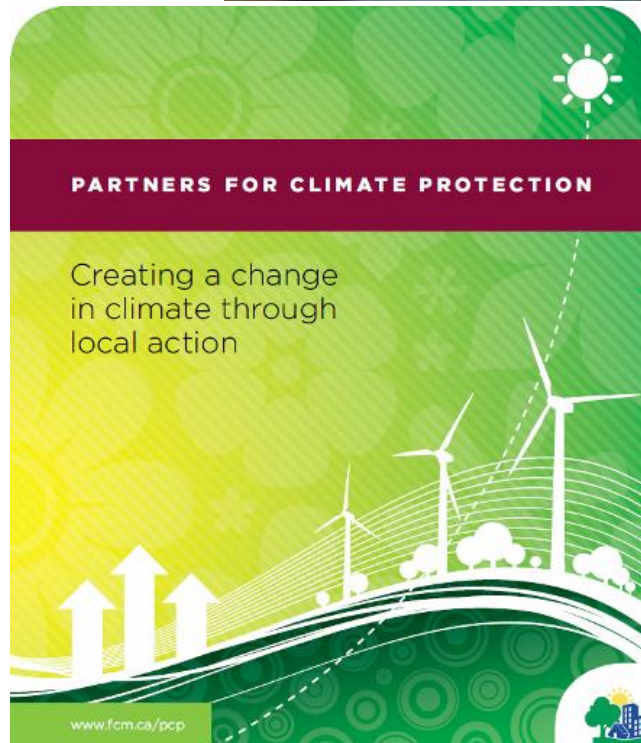
285 BEECH HILL RD  
ANTIGONISH, NS NS  
B2G2L4

Bill Date	Type	Net KWH	Billed Demand	Energy Charge	All Taxes	Other	Payment	Balance
2018/02/15	Elec						768.37CR	
2018/02/05	Elec	3,360.00	23.300	648.26	98.74	10.00		768.37
2018/02/02	Elec						758.23CR	11.37
2018/01/30	Late Charge					11.37		769.60
2018/01/04	Elec	3,720.00	39.400	649.34	98.90	9.99		758.23
2017/12/18	Elec						798.82CR	
2017/12/05	Elec	3,240.00	28.100	684.64	104.20	9.98		798.82
2017/11/22	Elec						863.63CR	
2017/11/03	Elec	2,400.00	41.400	741.00	112.65	9.98		863.63
2017/10/25	Elec						798.04CR	
2016/03/29	Elec							798.04
2016/03/03	Elec	4,440.00	16.400	652.31	102.68	32.17		10.88
2016/03/02	Elec						725.02CR	735.90
2016/03/01	Late Charge					10.88		725.02
2016/02/03	Elec	4,200.00	16.300	630.45	94.57			909.90CR
2016/02/02	Elec							909.90
2016/01/06	Elec	5,520.00	36.200	779.92	116.99			12.99
2016/01/05	Elec						865.72CR	878.71
2015/12/30	Late Charge					12.99		865.72
2015/12/03	Elec	3,840.00	28.400	752.80	112.92			1,129.34CR
2015/12/01	Elec							1,129.34
2015/11/04	Elec	5,040.00	36.700	982.03	147.31			1,498.29CR
2015/11/02	Elec							1,498.29
2015/10/05	Elec	7,080.00	42.200	1,281.31	192.20			1,651.98CR
2015/09/29	Elec							1,651.98
2013/04/18	Elec						1,383.50CR	
2013/04/04	Elec	9,000.00	27.700	1,150.39	180.46	52.65		1,383.50
2013/03/27	Elec						1,344.98CR	
2013/03/05	Elec	8,640.00	27.500	1,119.01	175.43	50.54		1,344.98
2013/02/21	Elec						1,206.73CR	
2013/02/05	Elec	7,440.00	26.300	1,005.81	157.40	43.52		1,206.73
2013/01/29	Elec						1,224.67CR	
2013/01/08	Elec	7,680.00	57.200	1,029.19	159.74	35.74		1,224.67
2012/12/21	Elec						1,385.26CR	
2012/12/04	Elec	8,640.00	32.800	1,165.00	180.69	39.57		1,385.26
2012/11/22	Elec						1,421.65CR	



**BABY STEP STILL COUNT, they still move you forward and become more solid as you go...**

# New Partnerships and Dreaming Big...



# Challenge Statement



## SMART Cities Challenge Statement:

Our Community will harness technology, renewable energy, scientific and traditional knowledge to secure clean, safe, potable water for everyone; empowering users to monitor, manage, conserve and protect this essential but finite resource.

# First Nations-Municipal Community Economic Development Initiative = CEDI



November 2016- 2019

Economic Development & Energy



**Anku'kamkewey between  
Paqtnkek Mi'kmaw First Nation  
and the Municipality of the County of Antigonish**

**WITH RESPECT THAT:** The Chief and council of the Paqtnkek Mi'kmaw First Nation and the Warden and the council of the Municipality of the County of Antigonish ("the Communities") recognize and accept that we share a territory and common interests, heritage, traditional Mi'kmaw history. The Communities desire to work together in a cooperative manner for the benefit of all residents and to recognize and celebrate one another's accomplishments. The Communities wish to acknowledge and strengthen the social, spiritual, physical, and economic opportunities that exist between the two and enhance their relationship based upon mutual respect, recognition, and safety because this is beneficial to both communities.

**PURPOSE of this Agreement:** The Paqtnkek Mi'kmaw First Nation and the Municipality of the County of Antigonish Relationship Accord provides the framework upon which the Communities, including their respective governments, residents and members, will collaborate with one another, and We feel the need to develop mutual protocols and activities that engage First Nations and Municipal leaders or their representatives on issues of initiatives of community economic and social development, and other matters that respect the heritage, the provision of services tailored to the culture and inclusive social participation. This may include a range of sectors, including:

- Environmental and Land Stewardship
- Economic and Social Development
- Tourism
- Recreation and Wellness
- Business

**VISION to guide our work together:** We share our wisdom to build a better future for our children and generation to follow; two communities committed to trusting, celebrating and respecting one another, our ancestors and our environment.

**PRINCIPLES AND VALUES to guide our relationship:** We, The Communities,
 

- Acknowledge our past and histories but are not restricted by them;
- Recognize the diversity and uniqueness of our respective communities, and commit to work together as one unified partnership;
- Commit to honesty, mutual sharing and to building and maintaining strong mutual trust and respect;
- Respect each other's customs, traditions, and beliefs, share values and culture in spirit and practice;
- Do no harm to self, others, community or earth and carry this good forward;
- Practice compassion, understanding, and sharing with the goal of being considerate partners;
- Will enhance communication and information sharing by committing to open, frank, honest and straightforward interaction;
- Will invest in the youth by providing accessible cultural, recreational, educational and professional opportunities;
- Respect the skills, governance authorities and respective community governance practice of the other community;
- Strengthen the cooperative and supportive bond between governing bodies to promote the well-being of all for future generations;
- Will serve our common interests in accordance with the guidelines on accountability, transparency, inclusiveness, responsiveness and joint management.

**PROCESS to sustain our relationship:** We, The Communities,
 

- Will establish regular joint council meetings, in consultation on issues of joint interest of both communities. The council meetings will occur at least twice annually, at times determined to promote an open and constructive dialogue in order to define common priorities.
- Will establish concrete and effective procedures for cooperation on common issues, concerns, implementation and initiatives based on favorable current opportunities to an open community and meetings in person.
- Will establish protocols to establish open and improved lines of communication.
- Agree that this Relationship Accord will be regarded as a "living document" intended to evolve as The Communities' relationship evolves;
- Agree that the Council of either of The Communities can initiate a change process to this Relationship Accord at any time, with the understanding that amendments must be mutually agreed by the Councils of each of The Communities.

**COMMITMENT of each signatory community:** We, The Communities,
 

- Commit to maintaining our relationship as outlined in this Relationship Accord.
- Commit to building and maintaining strong mutual trust and respect with one another.

**LIMITATION of the agreement:** Nothing in this Relationship Accord will be construed:
 

- To abrogate or derogate from any Aboriginal, constitutional, legal or Treaty rights and title of Paqtnkek Mi'kmaw Nation and the Municipality of the County of Antigonish;
- To prejudice or affect any statutory power of decision or discretion of any of Paqtnkek Mi'kmaw Nation and the Municipality of the County of Antigonish.

Municipality of the County of Antigonish

*Wardley Owen McCarron*  
Wardley Owen McCarron  
2/09/5, 2018  
Date

Paqtnkek Mi'kmaw First Nation

*Chief Paul James Prosper*  
Chief Paul James Prosper  
May 5, 2018  
Date

# ANKU'KAMKEWEY to ENERGY







- ① Capacity Development & Awareness ..... (13)
- ② Bulk buying ..... (10)
- ③ Innovation & Hwy Interchange ..... (10)
- ④ Renewables ..... (7)
- ⑤ Energy Audit & Studies ..... (12)
- ⑥ Joint Energy Fair ..... (3)
- ⑦ Joint Applications ..... (12)

# What's next

Monday May 7<sup>th</sup>- workshop

Tuesday May 8<sup>th</sup> working meeting

Right now...



June 14<sup>th</sup>- Joint Council meeting to decide next steps

# MELG

- Resources
- Experts and access to Experts
- Supportive
- Inspirational
- Dream big...

Last thoughts:  
Make friends with utilities





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**Director of Sustainable Communities**  
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