

Community Renewable Energy in Manitoba

Elton Energy Cooperative

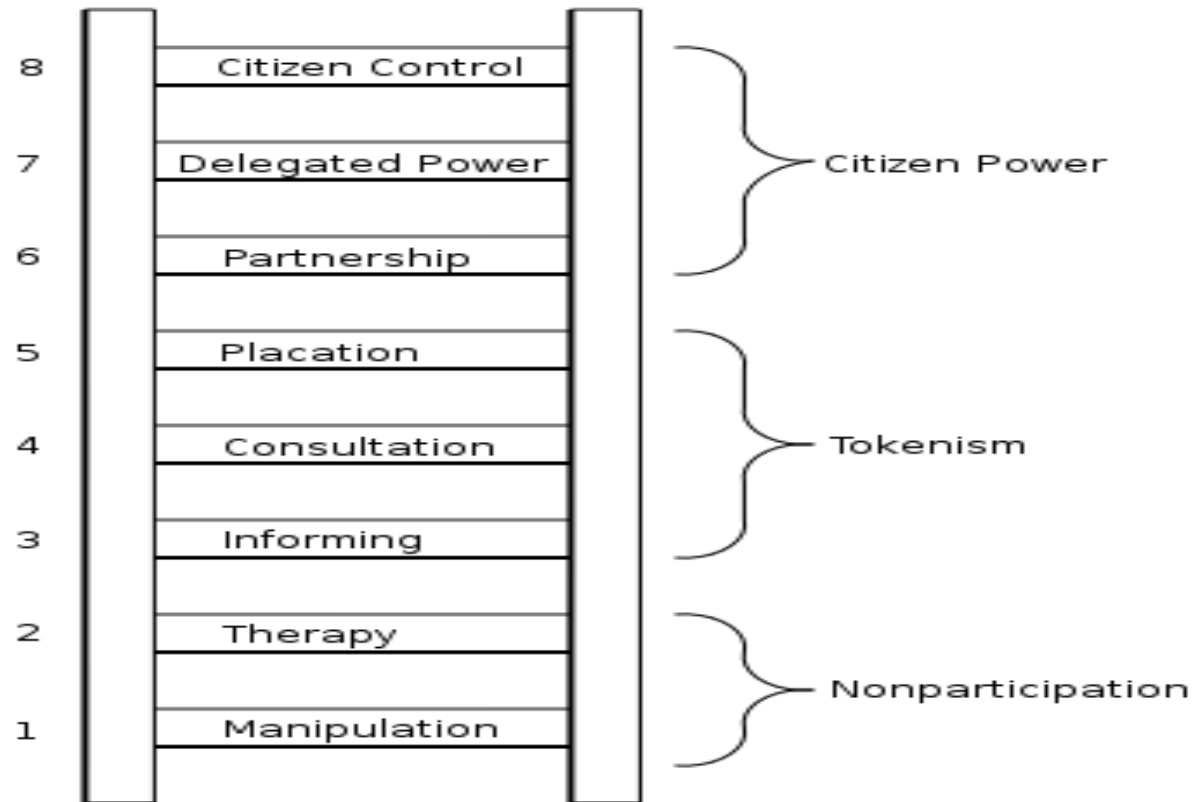
January 30, 2008

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Elton Energy Cooperative

- Renewable Energy Coop business structured for the Community
- RM of Elton
- Two day Wind Session
- Wind Experts: Ontario, British Columbia, Quebec, Minnesota
- Cooperative Development Initiative

The Top 3 Rungs



How to Maximize Long-Term Economic Community Development thru Renewable Energy

- Innovative Community Power Model
- Renewable Energy Experts
- Elton Energy Cooperative Board
- Network of Partnerships

Community Power Defined by OSEA

THE IDEAL

- More than 50% ownership control is retained by community investors at all times
- Contractual details (land lease, share offering, etc.) are transparent and public
- All local residents have the ability to participate financially

ACKNOWLEDGEMENT

- Communities that are in economically challenged regions (ie. Remote communities, FN, etc.) require capitalization funds if they are to realize the 50% control and revenue accrual threshold. For this reason EEC is actively pursuing funding mechanisms and training CP developers to address these challenges.

We have Support from Across Canada/ U.S.A. :

- Leverage what's been learned in other jurisdictions (Minnesota C-BED, Ontario OSEA, TREC, and Quebec) to ensure that Manitoba's community energy program maximizes rural economic development and financial benefits for Manitoba residents
- Support Community

The Stakes are High in MB

- We already know that there will be a significant amount of additional renewable energy generation built with or without a strong community program
- The more important question is: Who benefits from additional renewable generation?
- We seek to partner with the Province, Manitoba Hydro, City of Brandon and other community energy project initiators to ensure that new generation renewable energy projects maximize benefits to local communities in Manitoba

EEC's Three Key Community Energy Principles

1. Local communities have a significant, direct financial stake in the project beyond land lease payments and tax revenue
2. Distributed, small investors in Manitoba act as the primary equity partners in community energy projects
3. Rural economic development results from the increase in economic activity for construction and maintenance, causing dollars to circulate further in the local economy

Energy Principles Match

A collaborative working Community
Renewable Energy Business Model

- Work towards Brandon and area goal of becoming an environmentally friendly community
- Increase environmentally friendly development within the community and Manitoba
- Win - Win

EEC's Community Energy Business Model:

- Principles of cooperation
- Transparency
- Participation

Community Renewable Energy Business Model

- Created exclusively for projects that meet community energy criteria defined by the Community
- This business ensures that the model – will support community energy based on the principles of communities, small investors in Manitoba and rural economic development

Work Together...

1. Jointly define explicit provincial criteria for a “qualifying community energy project”
2. Review the benefits of Community Energy Business Model
3. With the Partnerships jointly develop Community Energy Business Model that can work in Manitoba

Environmental Benefits of wind...

- Clean energy
- Offsets pollution sources
- Reduces pollution from extraction and transport
- 10MW community wind power project produces energy for ~1,500 homes
- 13,000 tonnes of carbon emissions per year
- Projects located within or near to communities increases efficiency of energy supply (9% line losses estimated through transmission)

Where from here?...

- The province has stated that they will be looking at policy for community projects.
- Elton Energy will have a model/framework for the province and communities to follow once we have completed study.
- Would this committee consider looking at this community renewable energy business model
- Target date – Feb 18th