

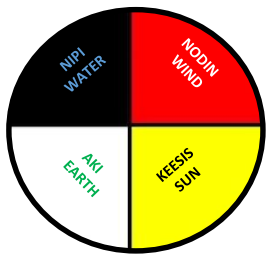
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Renewable Energy Readiness Assessment & Energy Management

2017 Assessment





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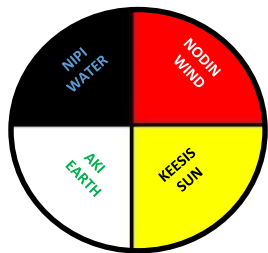


Renewable Energy Readiness Assessment

The renewable energy sector poses enormous challenges for First Nations economies today as most of our communities are exposed and vulnerable to high fuel prices and supplies that can undermine development. Additionally, fossil fuel based energy production and consumption generates harmful impacts through activities such as fuel refining, power generation and transportation. In the developing world, 1.3 billion people still lack access to modern energy services that are vital for economic development.

Strategic investments in renewable energy resources provides many benefits for economic development in both industrialized and developing communities including enhanced energy security, reduced fuel dependency, improved energy access, poverty reduction and job creation. Over the next year Matawa First Nation want to accelerate the adopting of a Matawa wide renewable energy policy development that will start to address the readiness, barriers of renewable energy and supported renewable energy development at regional levels.





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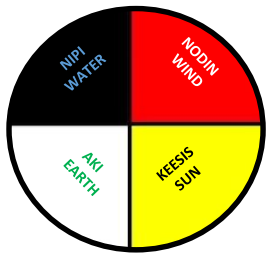


DEVELOPMENT OF RENEWABLE ENERGY READINESS ASSESSMENT

The future work on this assessment of the status of renewable energy development in our First Nation communities will be conducted to ensure that the Economic Development Department will capture all relevant major factors that the 9 Matawa First Nations membership communities are concerned about. This review will likely result in the following key observations:

- This assessment will focus on the renewable energy market
- Our practices utilize both traditional values and industrial development with an emphasis on renewable energy such as wind, hydro, biomass and solar technologies
- This assessment will not address how policy changes could be made, especially the contribution of renewable energy for development and poverty alleviation at Provincial and Federal levels





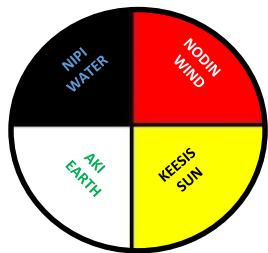
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Following a review of this initial assessment, the Economic Development Department will design and discuss with different experts working in the field of renewable energy, as well as practitioners and government representatives that work with Matawa First Nations Management to make recommendations which will concentrate on the following:

- Matawa First Nations remote communities connectivity and route plans of transmission lines
- Installation of solar panels and battery systems to offset the high expense of electricity production through diesel generation
- Point out potential renewable energy projects and technologies for hydro, wind, biomass and solar
- Development and improvement of micro-grid systems for remote and road access communities
- Look at the possibility of a Matawa First Nations Power Authority





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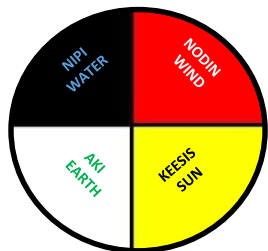


KEY ATTRIBUTES OF THE RENEWABLE ENERGY READINESS ASSESSMENT

The Matawa First Nations Economic Development Department believe that the following three key attributes need to be followed:

- 1) First Nation lead** – This assessment will be done with our First Nation membership communities, allowing communities to obtain a better understanding of the First Nations conditions for renewable energy and identify the actions that to improve our living conditions.
- 2) Educating through process orientation** – This assessment will have an excellent education process which will bring together different officials from energy, finance, economic planning, environment, agriculture energy authorities and agencies like power utilities to help focus on the education processes that will be utilized effectively for the development of energy self-sustaining communities within the Matawa region.
- 3) Laying foundation for collaboration** – This renewable readiness assessment will provide a list of concrete actions that can be implemented by the First Nation communities with Matawa First Nations which will including development partners.





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OUTCOMES AND INDICATORS

News	Residents are more informed	<ul style="list-style-type: none"> • Visits from new shareholders • More stories published by local, municipal, provincial and Federal media outlets
Voice	Community members are more empowered to contribute their perspectives	<ul style="list-style-type: none"> • More discussion among target audiences • Community participating in forums, workshops • Feeling of empowerment
Action	Community are active participants in local democracy	<ul style="list-style-type: none"> • Increase community involvement on topics that affect them • Taking specific actions to improve the community
Capacity	Organizations or individuals getting new skills or resources to access and use community information	<ul style="list-style-type: none"> • Increased number of community member trained • Increased community members using tools

