

Vivienne Cox at BP Alternative Energy

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Thank you!



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Alternative Energy Sources!



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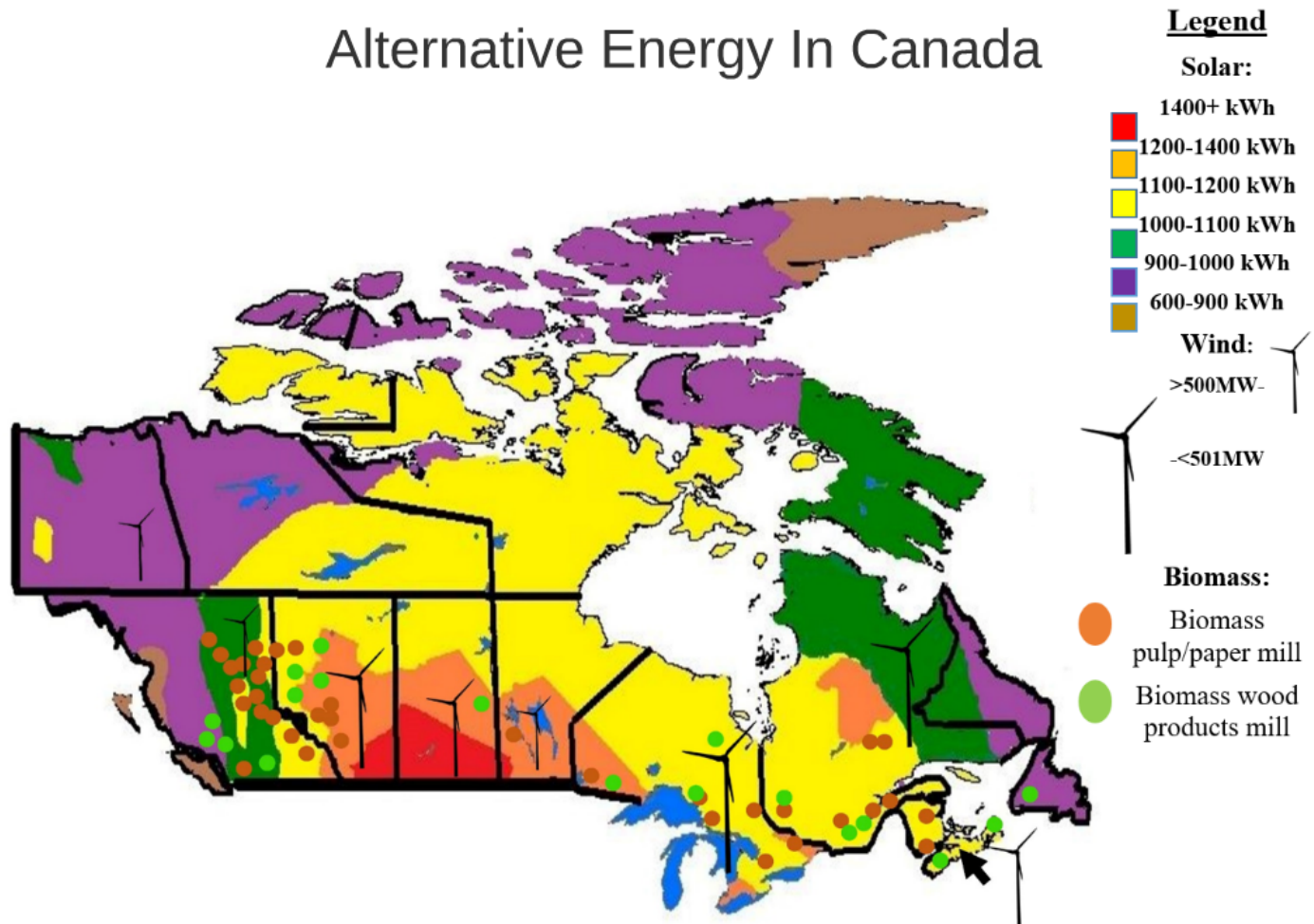
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Luca's Map

Alternative Energy In Canada



This map shows the location, and strength of
the three major alternative energy sources in
Canada

Introduction to Alternate Energy

- Alternative energy-issues regarding cost and reliability of major sources (solar and wind)

- The reliability of the clean energy that alternate energy sources provide
- The cost of providing alternate energy, locally and nationally
- If you get enough "bang for your buck" with these sources.
- Where these energy sources can be located for optimal results
- How many Canadians can afford these types of alternate energy

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What Are Alternate Energy Sources?

- Solar power, wind energy, and biomass energy are the three alternative energy source I'll be focusing on
- Alternate energy sources can produce energy that has little to no effects on the environment
- These sources of energy are the promise of the future that Generation Z will need to rely on.
 - Biomass plants can be located wherever there is a constant supply of timber, or other organic materials that can be burnt
 - Small wind farms can be located wherever wind speeds exceed 2m/s and the ground is flat and stable
 - Solar panels can be located wherever there is a constant, never ending supply of sun

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A biomass energy plant,
located near a forest, a river,
and roads



Solar panels, which can be installed
anywhere, as long as you often have
sun in your forecast

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A wind farm, located on
relatively flat ground, where
there is a lot of wind present

Pro's

- New solar panels come with a backup generator with a battery of stored energy, that can be used when no sun is present
- Wind turbines stretch high into the skies and will whenever wind is blowing, day and night
 - Alternative energy has no impact on the environment, therefore, these sources can run reliably without the fear of the damages they may have on the environment.
- The cost to install and operate solar panels, wind farms, and biomass plants is rapidly decreasing
- Off-shore wind farm projects have started to be discussed, with no one to view the farms, the energy produced will be enjoyed by all and would eventually pay off the construction cost

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