

# Wind Energy Centres - Open House

## The Adelaide Project

- The proposed Adelaide Wind Energy Centre is planned to be located in the Township of Adelaide-Metcalf, Middlesex County, Ontario
- Project components will be installed on privately-owned agricultural lots. The project has a maximum nameplate capacity of up to 60-megawatts which will generate enough electricity to power approximately 18,000 homes
- Project infrastructure will include:
  - ✦ 38 1.62-megawatt GE turbines
  - ✦ Laydown and storage areas (including temporary staging areas) for construction equipment and supplies
  - ✦ A substation located on site and a 115 kV transmission line to connect to the Hydro One transmission system
  - ✦ The proposed transmission line will travel north into the Municipality of North Middlesex to a substation to be located east of Kerwood Road and south of Elginfield Road
  - ✦ Underground electrical collection lines, (located on private lands) to collect the turbines to the transformer
  - ✦ Turbine access roads for construction and maintenance
  - ✦ Permanent meteorological towers during operations (height 80-100 m) to measure wind speeds, wind direction, temperature and humidity
  - ✦ An operations and maintenance building

