

## CWSF 2014 - Windsor, Ontario



### Snow To Heat Sidewalks?

**Challenge:** Innovation

**Category:** Junior

**Region:**

**City:** ,

**School:**

**Abstract:** The purpose of my project was to devise an economical and ecofriendly method of snow removal from the sidewalks. I hypothesized that the melted snow water going into the storm drain can run a hydroelectric generator placed at the bottom of the drain to generate enough energy to heat the sidewalk. On very cold days, the process can be started by a reserve battery.