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Chair in Energy Sector Management **HEC MONTRĒAL**

Energy Systems in 2030 – What Should We Expect? Expect to pay. But for what?



Monday, May 8th 2017 / 8:45 – 10:00 am **CAMPUT 2017 - Keynote Address: Energy Systems in 2030 – What Should We Expect?** Sheraton Vancouver Wall Centre - Grand Ballroom



The fixed costs and rates challenge
Seeing beyond borders
Fixed costs (again) in transportation





Quebec Monthly Peak Power Requirements, 2017



Major Cities - Average Residential Prices (in ¢ /kWh), 2016

Max = 17.81 Min = 7.23 Ratio: 2.46



Another Part of the Eergy System: the Road Network

Transportation: 33% of our final energy consumption



Key Points for the 2030 Energy Systems

- 1. Major *rate reforms* are needed: energy-based rates aren't sustainable
- 2. Major *planning reforms* are needed: see beyond borders
- 3. Point 1 again, but for transportation: *users* should pay for the grid, not society (as for power networks)



Chair in Energy Sector Management

Created in 2013 to advance energy knowledge and understanding.

- Energy systems and global issues (energy literacy)
- Dynamics of consumption sectors (transportation, buildings and industry)
- Organization and regulation of the energy sector

