

# SYSTEMS DESIGN ENGINEERING

## Energy System of Systems

**SYDE 730 (Topic 8)**

**Fall**

The various types of energy sources for meeting energy demand within Canada and other countries will be studied from a system of systems perspective in order to make informed decisions when taking into account the value systems of multiple participants. The course components include a review of different types of energy sources and the energy situation in Canada, examining the latest literature on system of systems engineering, going over a range of decision modelling and analysis techniques that can be used for studying the strategic decision making aspects of energy systems, and completing a major course project.

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