

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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