

Faculty Mentored Internships

IE 399 Summer Practice Project Proposal Form

Faculty Information

Name: Serasu Duran

e-mail: serasu.duran@haskayne.ucalgary.ca

Company: University of Calgary, Haskayne School of Business

Position: Assistant Professor

Proposed Project Information

Project Title: Literature review on the joint sizing decisions of battery storage and renewable energy technologies in stand-alone distributed grids

Planned Start Date: 29 June 2020

Planned End Date: 31 July 2020

Project Overview: We are looking for one student intern for about 160 hours of work to conduct a thorough and systematic review of the academic literature for an ongoing research project. The student will prepare a written report including the following deliverables:

- Identify existing information and prior works in literature that are relevant to the research project
- Determine the research questions, main methodologies, conclusions and policy prescriptions in the previous literature
- Compare and contrast the identified works to determine the relationship between existing theories
- Identify gaps in existing research, conflicts in previous findings, and open questions worth exploring

The student will report to two faculty members overseeing the research project (Osman Alp and Serasu Duran). In addition to the written report, there will be weekly meetings with the student to follow up on the progress.