Title: *Real-Time Green by Drift: 100% Renewable Power, Every Hour of Every Day*

Speaker: *Mushfiqur Sarker, Head of R&D, Drift*

Location: MEB 238

Map: [http://www.washington.edu/maps/?l=MEB](http://www.washington.edu/maps/?l=MEB)

Time and Date: **4:00 PM, Thursday, October 25, 2018**

Abstract:

Drift is a Series A-funded energy startup with expertise in the New York retail/wholesale energy market. Drift is an ESCO/REP in NY state and a wholesale market participant in NYISO, with plans to expand to other regions of the U.S. in 2019. We combine the power of data, machine learning, and software development to transform energy markets by removing inefficiencies in the energy supply chain to pass the savings on to consumers and renewable energy project developers.

Today’s environmental sustainability leaders are working toward consuming only renewable electricity every hour of every day. The industry is experiencing firsthand as leading companies like Starbucks, Nike, and Google struggle with this challenge because the traditional power markets don’t distinguish between coal and renewables. We set out to change that by building the first fully-renewable regulated power market. We call it Drift Energy.

Drift is the only company that can supply 100% renewable power, every hour of every day. Drift sources power directly from a growing network of independent renewable-energy producers. This lets us cut out the middleman and pass on savings on total energy spend while still paying renewable providers a well-deserved premium for their power.

This presentation will provide an overview of the company, and its vision to provide renewable power, every hour of every day, with Drift’s innovative *Real-Time Green* offering.

*Mushfiqur Sarker* joined Drift in 2017 as a Research Scientist leading their R&D efforts. Mushfiqur and his team’s core focus is to lay the foundation for Drift’s state-of-the-art technologies. Prior to Drift, Mushfiqur was a Research Associate at Argonne National Laboratory in Lemont, IL working on Department of Energy funded power system cybersecurity projects. Mushfiqur received a BSc in Electrical Engineering from Oregon State University in 2012, and his PhD in Electrical Engineering from the University of Washington with a focus in power system operations and economics in 2016.