

Professor Meeting Minute 5

Date: March/26/2019
Location: GJL POWER LAB 102
Attendance: Dr. Herbert Hess
Xin Han
Zhengqi Li
Absent: Manasa Pathamsetty

Used a DC machine to turn an AC machine to generate different frequencies to the rotor of the DFIG, now the DFIG is working as a motor. The rotor frequency was 55 Hz, and stator frequency was the grid frequency 60 Hz, generated a 5 Hz rotation on the rotor shaft.

To make the machine work as a generator, next time we need to figure out a way to have either the DC machine or the Synchronous machine to mimic a physical motion of the wind turbine.