



Thesis Progress Form

CHARLES DARWIN UNIVERSITY

College of Engineering, IT, and Environment

Name: Shane Reynolds

Unit: ENG720

Title: Automatic generation control of a two area power system using deep reinforcement learning

Supervisors: Charles Yeo & Stefaniya Klaric

Time & Date: No meeting took place

1 Progress since last meeting

This is the first meeting

2 Discussion Points

- Emailed SK on 02/03/2020 to confirm second supervisor position
- Emailed CY on 02/03/2020 to arrange Week 1 meeting, and provide with draft copy of thesis supervision agreement
- Emailed CY to follow up on initial meeting. Unable to get in contact.
- CY return email on 05/03/2020 requesting initial meeting for 12/03/2020. Accepted and sent calendar invite. CY accepted, but can only provide phone contact.
- CY returned signed copy of Thesis supervision agreement. SK still to sign.
- Only email communication has occurred or Week 1.



- Revised draft research proposal to correct errors, completed referencing, tighten up language, and reformat.
- Enquire at power utility for data.
- Investigate simulation packages.

3 Plan until the next meeting

- Revise research proposal deliverable further
- Commence research for literature review
- Commence writing literature review
- Investigate ways to synthesise data
- Develop a data management plan
- Investigate programming languages for Deep Reinforcement Learning

Supervisor

March 6, 2020