

IMAGES - Integrated, Market-fit and Affordable Grid-Scale Energy Storage

13th Project Management Team (PMT) Meeting

Minutes

Date and time: 10th March 2017 13:15-14:30pm

Venue: D202, School of Engineering, University of Warwick, Coventry

1. Attendances:

Jihong Wang, David Evans, Mike Waterson, Robert MacKay, Murray Thomson, Tristan Davenne, Jacek Wojcik

Apologies:

Jonathan Busby, Monica Giuliatti, Philip Eames, Seamus Garvey, Phil Mawby, Richard Critoph

2. Update of recruitment and staffing

- Warwick Engineering:
 - Dr Jianguo Wang has been appointed as Research Fellow position from 1st March 2017.
- Warwick Economics:
 - Lisa Flatley is back after maternity leave working part time as Research Fellow until the end of September 2017.

3. Project finance report and discussion

Money has been allocated to BGS and Loughborough University. The collaboration budget has been arranged:

- PDRA funding for 6 months to cover Jacek's contract.
 - 25% goes to BGS
 - 25% goes to Loughborough to cover John's contract.
- RSS at the University of Warwick has delayed the money transfer.

Actions:

- Jihong – to make sure that the money transfer is processed.
- Robert and Mike – to look at Lisa's contract as some money may be left due to the delay with RF recruitment. Jihong will check on this.

4. Discussion for collaboration and joint work

- Two joint papers have been submitted between Warwick Engineering and Nottingham and Warwick Engineering and BGS.
- BGS exergy calculation can be supported by the Warwick team
- Battery energy storage system will be installed at the University of Warwick within next 2 months – this is another potential platform for future collaboration between teams.

Murray is interested in participation. Jihong will investigate about the matters related to energy centre data sharing.

- David mentioned that some work could be done between economics and engineering teams to assessing limitations factors in power transmission and compare it with energy storage resources on GIS system.
- Tristan mentioned about Nottingham work on thermal storage charging and discharging models, which can be potentially used in ES toolbox development.

Actions:

- David to contact Lisa about her results.
- Jacek to contact Tristan and Xing and assess the potential usage of Nottingham models in ES toolbox.
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5. Plan of impact activities and events

Jihong suggested organising a workshop about energy storage (thermal storage and compressed air) modelling and simulation.

Actions:

- Tristan to remind Seamus to put IMAGES logo in OSES2017 materials.
- Jacek to contact Murray to publish the main findings for his last paper and upload it on the IMAGES website.
- Jacek – to circulate email and collect suggestions after the meeting.

6. Further funding application with identified research areas

Jihong indicated that after the battery storage installation at the University of Warwick it will be possible to formulate future funding plans.

Actions:

- All to investigate potential future research areas.

7. AOB

No AOB.