



**ITP**  
Renewables  
Consulting | Engineering | Implementation

**30/07/2018**

## **ITP Statement on SimpliPhi battery performance presented in Lithium Ion Battery Test Centre Report 4, and inverter voltage setpoints.**

Following the publication of the Battery Test Centre Report 4 – March 2018, SimpliPhi requested a review of the inverter setpoints that were being used for the SimpliPhi battery under test in the trial. SimpliPhi has since advised ITP that the setpoints we have been using are not consistent with SimpliPhi's revised setpoints for this product. As such, the existing SimpliPhi batteries have been cycled beyond 100% depth of discharge causing excessive wear and tear on the battery pack and resulting in significant capacity fade. This over-discharging of the battery undermines the validity of the capacity fade analysis performed under this. As such, ITP's test results for the SimpliPhi battery up until now should not be considered a true reflection of the battery's expected performance.

ITP is dedicated to working with SimpliPhi to provide an accurate representation of their batteries' capabilities. SimpliPhi will replace the existing batteries with a new set and will be providing an up to date installation manual along with the integration guide for the PHI 3.5 battery and inverter that will be used in the trial to ensure that the new batteries are correctly configured with the inverter.

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