

05 May 2017

TO WHOM IT MAY CONCERN

The undersigned certifies that PPA Energy (Pty) Ltd ("PPA") provided the following services:

Project name: Review of proposed System Services (enhanced ancillary services) for Ireland

The Energy Regulatory Authorities in Ireland and Northern Ireland required a review of the System Services (enhanced ancillary services) proposed by the TSO. These services were proposed in order to facilitate an instantaneous System Non Synchronous Penetration (SNSP) of 75% in the all-island market by 2020.

The proposed enhanced services include System Inertia Response, Fast Frequency Response, Enhanced Ramping Duty, and Enhanced Voltage Control. The review covers the technical, financial, performance and contracting aspects of the proposed Services.

PPA Energy was sub-contracted to Pöyry to covers the technical, performance and costing aspects of the review.

We confirm that PPA executed the work to our full satisfaction and met all the aims and objectives for their contribution to the study.

Start date: May 2013

Finish date: January 2014

Contract value: > \$ 100,000.00

We were pleased with the expertise and commitment that Dr Chown brought to the process, including active participation in the initial meetings with the regulators and TSOs. His engagement provided us with strong credibility and was important for the overall success of the project. We would be pleased to work with Dr Chown on similar projects in the future.

Yours faithfully



Andrew Morris
Head of Office – Director