



Centre for Energy and
Environmental Markets

Renewable PPA Tool Workshop

Acknowledgement of country

“I would like to acknowledge the Gadigal people that are the Traditional Custodians of this land. I would also like to pay my respects to the Elders both past and present and extend that respect to other Aboriginal and Torres Strait Islanders that might be present here today.”

Agenda

09:00 am – Guest arrival & Registration

09:30 am – Welcome

09:45 am – BRC-A presentation

10:00 am – UNSW PPA case study

10:20 am – Tool presentation

10:40 am – Tool demonstration

11:00 am – Morning tea

11:30 am – Hands on with the tool

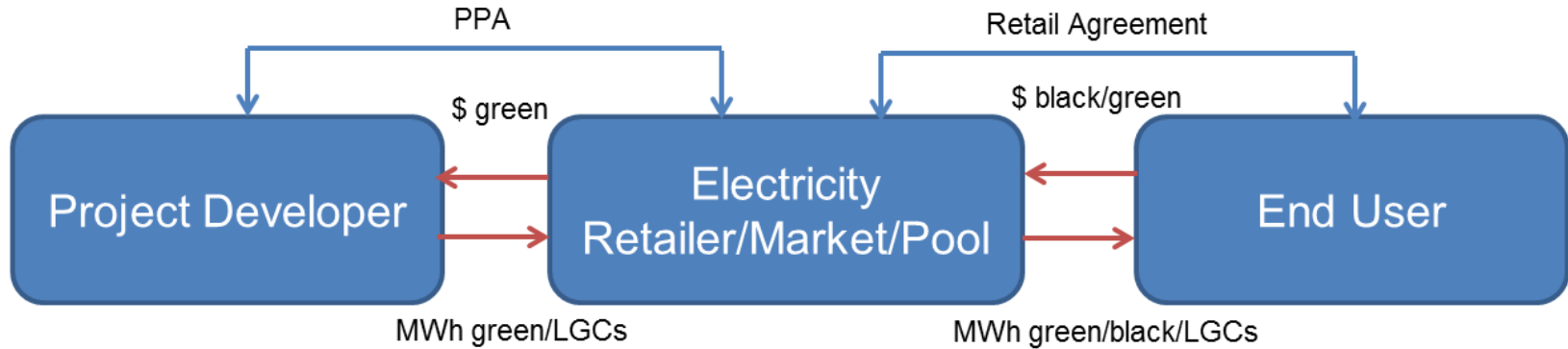
12:30 pm – Lunch to be served

01:00 pm – Event to conclude

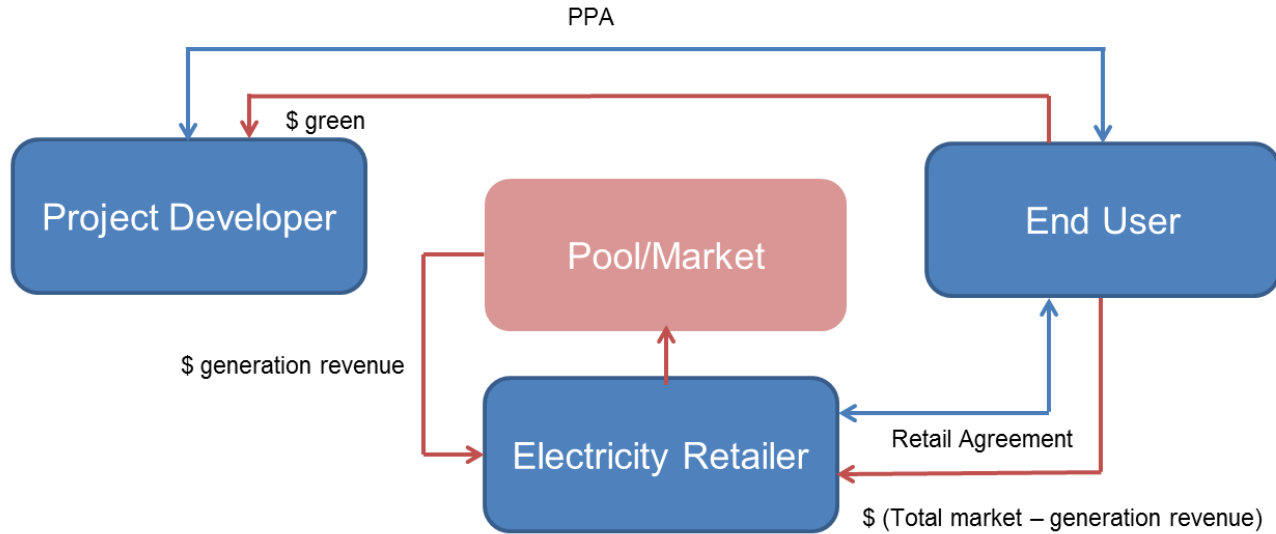
Introduction

- This project is a continuation of a seminal CRC-LCL project in 2016 called “Engaging Stakeholders in the Renewable Energy Market” (i.e. offsite PPAs)
- The above project identified three main ways to approach a PPA
 - » Tariff pass through (or Retailer as PPA counterparty)
 - » Contract for difference (or End user as counterparty – pass through)
 - » Physical hedge (or End user as counterparty – self hedge)

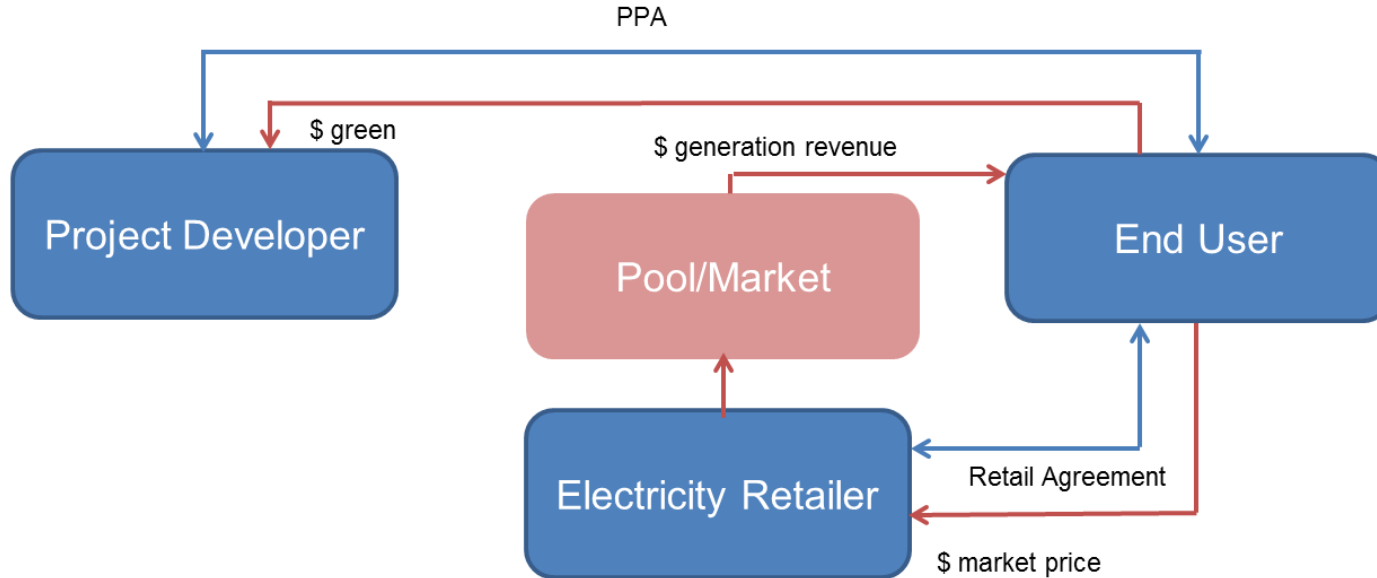
Approach 1 – Tariff pass through



Approach 2 – Contract for Difference



Approach 3 – Physical hedge



Introduction, cont....

- In 2017, UNSW initiated a long process to develop its own PPA, which resulted with the Sunraysia Solar Farm.
- During this time it was clear that the PPA market was not mature and that more information and tools were needed to reduce transaction costs and develop better business models
- The tools presented today are an effort by CEEM UNSW and the LCL-CRC to fill the gap and provide open source tools for the industry, regulators, and analysts to assess and model PPAs

Project contributors



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