

IPPs Written Questions to AEY, Nov. 29, 2023

In Tuesday, November 28, 2023 testimony, Jay Massie, referred to a maximum that the IPPs were allowed to supply on the isolated grids.

Question: For each of the individual isolated grids, what is the average summer generator capacity required to maintain reliable service?

Question: For each of the individual isolated grids, what is the maximum electrical supply that an IPP can supply without storage and without de- stabilizing the micro grid?

Question: For each of the individual isolated grids, what is the capacity in kW.h of the BESS and how was this capacity established?

Question: For each of the individual isolated grids, what is the capacity of the microgrid controller (MGC) and how was this capacity established?

Question: For an IPP, generally where is the point on interconnection?

Question: What factors determine the location of the point of interconnection?

Question: If a battery allows the IPP to generate more energy hence more revenues, why should AEY be responsible for the O&M of the battery?

Question: What is the historical expenditure for the maintenance of the MGC?

Question: What is the historical expenditure for the maintenance of the BESS?

Question: For each of the individual isolated grids, does AEY carry insurance on the MGC and BESS?

Question: For each of the individual isolated grids, what is the annual cost of such insurance?

Question: For each of the individual isolated grids, what is the efficiency of the battery system?

Question: For each of the individual isolated grids, does the IPP or AEY bear the cost of the losses associated with the overall IPP installation including the battery systems?

Question: For each of the individual isolated grids, please quantify the expected monetary value of the losses for the test years.

Question: For each of the individual isolated grids, does AEY have any involvement AEY into the specifications and procurement of the major components (MGC and BESS)? If so, describe the involvement that AEY has into the specifications and procurement of the major components (MGC and BESS)

**Reference: Application Schedule 3.1 line 2. - Average price of electricity purchase
0.74 cent / kWhr**

Question: How was the average price determined? Does this represent an average for all IPPs?
Are there different rates paid to different IPPs?

Question: Is the average electricity purchase cost a “pure” energy charge? That is does it does it
include additional items such as constraint payments?

Question: for each of the individual isolated grids, What rate schedule applies to the energy
consumed by the IPP at the POI?