



## **SOO Green’s Response to IPA’s Request for Comments on a Long-Term Clean Energy Procurement**

### ***Request for Comments - Question Set 1***

*1: What do stakeholders see as the purpose of this procurement mechanism in the context of the other IPA procurement mechanisms (i.e. the IPA’s Electricity Procurement Plan, Long-Term Renewable Resources Procurement Plan, and forthcoming Energy Storage Procurement Plan)?*

No further comments that aren’t captured already in CRGA.

*Questions 2: What gaps exist in the current IPA procurement mechanisms, or in the competitive market structures, that this procurement mechanism could address in part or in full?*

IPA could consider a procurement strategy targeting provision of clean energy through Interregional transmission, namely an HVDC/Renewable Energy Credit procurement mechanism.

In conjunction with proceeding with an HVDC Interregional project like SOO Green, the IPA could implement one or a series of procurement mechanisms for renewable resources from Iowa. It would be prudent to include this considering the abundance of clean energy generation in neighbouring states and therefore lock in geographic diversity and reliability benefits.

*Question 3: What resources (including specific technologies and characteristics such as fuels or emissions) or products (energy, capacity, renewable energy credits (RECs), etc.) should be targeted within this procurement mechanism and why?*

Advanced Transmission Technologies such as High Voltage Direct Current (HVDC) should be considered due to their ability to transfer clean energy with minimal losses from areas of high generation to regions of high demand. In addition, HVDC has bi-directional capability, can connect asynchronous AC systems and provide ancillary services such as reactive power control to improve the reliability and integrity of the grid.

*Question 4: What contract lengths should be considered for the targeted resources or products and why?*

The contract lengths could be considered on a case-by-case basis and reflect the asset length and characteristics of the resource in question.