AM-Powering Connexions

- **Subject**: The South African Electricity Wheeling Landscape Study Launch
- **Date:** 29/09/2023
- **Time:** 8:30 – 10:00 AM (South Africa local time, SAST)
- Location: Online

The energy transition in South Africa is marked by a growing number of electricity consumers procuring energy directly from third-party generators (usually privately owned). These generators require the Eskom and municipality distribution networks to transport or wheel the purchased electricity to the off-takers. However, the South African electricity sector still faces various challenges with respect to wheeling, including:

- Low operational efficiency of the current generation fleet leading to load shedding and the inability to consume wheeled electricity during grid interruptions.
- Eskom is facing large financial difficulties amidst being in the process of unbundling.
- The legal framework, which allows implicitly for consumers to contract directly but with no clear regulatory framework.

Within the South African context, the benefits of wheeling are clear as it not only allows for energy to be procured at a cheaper rate by means of bilateral contracting, but also improves energy security in the country due to the fact that wheeling supports the business case for the increased deployment of renewable generation capacity.

The Twelfth AM-Powering Session will be used to **launch RES4Africa's most recent study**, carried out together with PwC South Africa, which looks at the barriers and key principles for a sturdy wheeling framework to be introduced in South Africa.

Based on the regulatory analysis, it was found that there are many regulations and rules that could be retained (e.g. Distribution and Transmission Tariff Codes) and which support (at least in theory) open and non- discriminatory access to the network. However, there are many roadblocks that remain, such as a lack of standardisation in tariffs and practical difficulties engaging with municipalities.

This session will dive deeper in to the topics covered in the study and in to the path forwards for the South Africa Electricity Sector in this field.

Subject matter expert speakers will be:

- *Moderator:* **Cathy Oxby**, Chief Commercial Officer, ***African GreenCo***
- *Speaker:* **Roelof van Huysteen**, Senior Manager - Energy Strategy/Energy Law, ***PwC South Africa***
- *Speaker:* ***Mutenda Tshipala****, Senior Energy Manager: Strategy Development,* ***Eskom***

Participation is free of charge however we kindly ask to register.

After the meeting, all the participants will receive a **brief** highlighting the topic of the month, points raised during the discussion, emerged insights and suggested readings on the topic.

The discussion never stops: before, during and after the session the **AM-Powering Connexions LinkedIn group** will be at disposal of the South African stakeholders to share content, insights and opinions.