



## WEST AFRICAN POWER POOL SYSTEME D'ECHANGES D'ENERGIE ELECTRIQUE OUEST AFRICAIN

*General Secretariat / Secrétariat Général*

WAPP/2020/SG/PIPES/GEF/MM/ad/566

November 17, 2020

The Managing Director/Chief Executive Officer  
Niger Delta Power Holding Company Limited  
1490 Samuel Ademulegun Avenue, CBD, Abuja

### **FEDERAL REPUBLIC OF NIGERIA**

Dear Sir,

**Subject:** West African Power Pool Grid Emission Factor Standardized Baseline Project  
*Request for Data for the update of the Regional Grid Emission Factor (GEF)*

The West African Power Pool (WAPP) is a Specialized Institution of ECOWAS made up of public and private electricity companies. The WAPP was created by Decision A/DEC.5/12/99 of the Authority of the ECOWAS Heads of State and Government in 1999 and established as a Specialized Institution of ECOWAS in 2006 through Decisions A/DEC.18/01/06 and A/DEC.20/01/06. The WAPP is required to integrate the national power systems into a unified regional electricity market and promote trade of an affordable and reliable electricity among the ECOWAS member States.

Currently, the WAPP through a cooperative power pooling mechanism has interconnected nine (9) countries (Benin, Burkina Faso, Côte d'Ivoire, Ghana, Mali, Niger, Nigeria, Senegal and Togo) and being guided by its investment programs stipulated in the ECOWAS Master Plan for the Development of Regional Power Generation and Transmission Infrastructure 2019-2023 that was adopted by the ECOWAS Heads of State and Government in December 2018, will also interconnect the remaining mainland countries namely Sierra Leone, Liberia, Guinea, Guinea Bissau and The Gambia by the end of 2022.

The Master Plan contains seventy-five (75) priority projects of which twenty-eight (28) are transmission line projects (investment requirement of USD 10.48 billion) and forty-seven (47) are generation projects of approximate total capacity of 15.49 GW (investment requirement of USD 25.91 billion), which comprise of 68.9% (10.67 GW) renewable energy projects, reflecting the conviction that regional integration shall allow ECOWAS member countries and their utilities to meet the growing electricity demand in a cost-efficient way and scale-up the gradual integration of renewable energy power into the energy mix.

In light of the renewed drive of the sub-region to augment the component of the renewable energy in the regional energy mix at a cheaper cost, the WAPP formulated the regional Grid Emission Factor (GEF) for the interconnected power systems and got it approved by the United Nations Framework Convention on Climate Change (UNFCCC) Executive Board on February 27, 2017

with the support of the UNEP Risoe Centre. The GEF serves as an important stepping-stone for region in structuring climate investments and carbon payments for renewable energy projects.

This regional GEF shall be expiring on February 26, 2021. As you may be aware, the regional GEF is a vital tool for Clean Development Mechanism (CDM) projects cost reduction, that facilitate climate investments, and access to carbon finance. The update of the regional GEF will increase the number of CDM projects that can be successfully implemented in the ECOWAS member countries while its absence will create a barrier for carbon payments for renewable energy projects and will impact registered CDM projects and Programmes of Activities, which used the regional GEF.

The update of the regional GEF is currently ongoing with the support of the World Bank and the UNFCCC Regional Collaboration Centre based in Lome and would reflect changes which occurred within the power systems of the nine (9#) interconnected countries over the last three (3) years. To this end, the WAPP Secretariat is collecting data on the current state of the power sector in the concerned ECOWAS countries and has so far collected data on a total of 282 power units from Power Utilities in the region in the nine (9#) interconnected countries including power utilities in Nigeria.

The remaining data to be collected before the final update package can be submitted to the UNFCCC Secretariat is data on Calabar Power Plants. As the inputs from Niger Delta Power Holding Company (NDPHC) Limited is crucial to the successful completion of the data collection exercise and subsequent submission of the regional GEF update package to the UNFCCC Secretariat, we shall be grateful for any arrangements that you may make to furnish the WAPP Secretariat at your earliest convenient, preferably by **November 20, 2020**, with the required data as indicated in the attached Data Collection Form for power generated from Calabar Power Plants.

These data can be sent to the WAPP Secretariat by email through [mmodjinou@ecowapp.org](mailto:mmodjinou@ecowapp.org) with copy to [bhessou@ecowapp.org](mailto:bhessou@ecowapp.org) ; [lbelenky@worldbank.org](mailto:lbelenky@worldbank.org) ; [martin.burian@mailbox.org](mailto:martin.burian@mailbox.org) ; [MVinucla@unfccc.int](mailto:MVinucla@unfccc.int) ; [msaba@Boad.org](mailto:msaba@Boad.org) ;

Please, be assured that we shall share with you the results of this study that would be approved by the UNFCCC.

Whilst thanking you for the usual support, please accept the assurances of our high consideration.



**Siengui A. KI**  
Secretary General

