



Country Presentation: Non-price support mechanism for RES : capacity allocation management, legal exemptions, improvement of regulation

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Regulatory framework for the promotion of RE

- Law n° 2011/022 of december 24, 2011 governing the electricity sector in Cameroon (cf. articles 63 to 67) ;
- Law n° 2013/004 of april 18, 2013 fixing the incitations to private investment in Cameroon ;
- 2012 finance law for solar photovoltaic and wind power (cf. article 128. 17) ;
- Order n°00000193/AJMINEE of april 28, 2014 fixing the composition of the concession, license, autorization and declaration application files, as well as the related fees (cf. article 13) ;
- Decree 2012, Decrees 2013 ARSEL & AER
- Minigrid Code.



Institutional framework for the promotion of RE

- The Rural Electrification Agency ;
- The Ministry of Water and Energy ;
- The Electricity Sector Regulatory Agency ;
- The Decentralized local authorities ;
- ENEO – Distributor Operator ;
- SONATREL – TSO ;
- RE Operators

Legal exemptions : Investment grants, feed-in-tariffs,etc.

- Tax and customs benefits for products, goods and services intended for the exploitation of renewable energies ;
- Setting the volume and feed-in tariff ;
- Obligation of any public electricity service operator to connect to the network any producer, primarily or in excess of electricity from renewable sources ;
- Benefit of right of way over the public road domain and a right of way over parts of collective buildings and subdivisions assigned to common use, as well as over the sil and basement of unbuilt properties.



RES Potential

Considerable resources in hydropower, significant in renewable energies and modest in hydrocarbons :

- Second hydroelectric potential in Sub-saharan Africa with **19,7 GW** of equipable technical potential for a production de **115 TWH/year, currently valued at less than 10 %.**
- Average solar isolation of **4.9 kWh/m²/d** dont **5.8 kWh/m²/d** in the northern part and 4 kWh/m²/d in the south, its use remains low.
- According to the latest studies, Cameroon's wind power potential is significant and economically exploitable in the West and Adamaoua Regions.

Technological focus / Prioritization

- Solar and small hydropower are prioritized technologies according to the target fixed by the President of the Republic at Paris COP21 for RES up to 25% of total generation at 2035.

Indications	MW	Ratio (%)
TOTAL GENERATION	6 000	100 %
RENEWABLE ENERGY RESSOURCES	1 500	25 %
SMALL HYDRO PLANT (Less than 5 MW)	660	11 %
BIOMASS	420	7 %
SOLAR PV	360	6 %
WIND	60	1 %

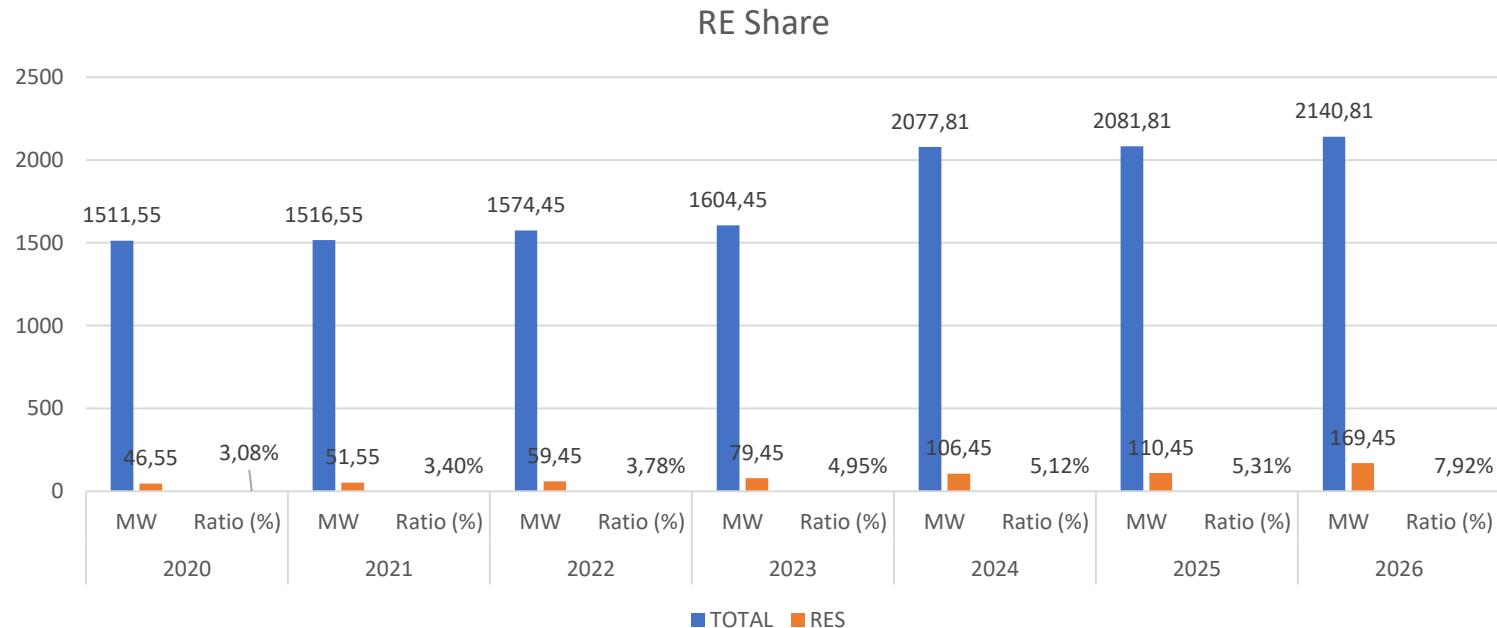


Key figures about RES

Indications	2020		2021		2022		2023		2024		2025		2026	
	MW	Ratio (%)												
HYDRO	958	63,38%	958	63,17%	988	62,75%	988	61,58%	1408	67,76%	1408	67,63%	1408	65,77%
THEMAL	507	33,54%	507	33,43%	527	33,47%	537	33,47%	563,36	27,11%	563,36	27,06%	563,36	26,32%
SOLAR	29,65	1,96%	34,65	2,28%	34,65	2,20%	54,65	3,41%	81,65	3,93%	81,65	3,92%	140,65	6,57%
BIOMASS	14	0,93%	14	0,92%	20	1,27%	20	1,25%	20	0,96%	20	0,96%	20	0,93%
SHP	2,90	0,19%	2,90	0,19%	4,80	0,30%	4,80	0,30%	4,80	0,23%	8,80	0,42%	8,80	0,41%
WIND					0	0,00%	0	0,00%	0	0,00%	0	0,00%	0	0,00%
TOTAL	1511,55	100%	1516,55	100%	1574,45	100%	1604,45	100,00%	2077,81	100,00%	2081,81	100,00%	2140,81	100,00%
RES	46,55	3,08%	51,55	3,40%	59,45	3,78%	79,45	4,95%	106,45	5,12%	110,45	5,31%	169,45	7,92%



Key figures about RES



Positive/negative impacts/results

Weaknesses	Strengths	Impacts/results
<ul style="list-style-type: none"> Administrative burden in the decision for the attribution of site and fiscal and customs dispense ; Réticence of the of-taker for the negociation of PPA with promoters of RE ; Issue of commercial risk guarantee in case of the default of payment by the off-taker ; Low awardness of technical and financial partners on opportunities relatetd to RE. 	<ul style="list-style-type: none"> Will for the Government to develop at least 03 solar projects in the Northern regions to supply the deficit of hydrology in the Benue Bassin ; Conclusion of negociation of the of-taker for the negociation of PPA with 03 promoters of RE ; Putting in place by the Regulator a plattform of collaboration between the different stakeholders in order to reduce the time of instruction on licence applications. 	<ul style="list-style-type: none"> As consequence of the delay of development of RE in the northen grid <ul style="list-style-type: none"> the utilization of thermal power plants as baseload in order to supply the deficit of hydrology in the Benue Bassin. augmentation of system costs (1 billion per week for fuel costs, impacts on GES, load shedding).

Improvement of regulation

- Finalization of the regulatory framework by signing the texts for the application of the law ;
- Establishment of a fund for the development of renewable energies, in particular for the guarantees required in projects ;
- Finalization and adoption Minigrid Code in 2026 ;
- Finalization and adoption of the New Electricity Law in 2026 ;
- Adoption of a Law on Renewable Energy ;
- Capacities building for the RE stakeholder ;
- Development of clear procedures.