

THOUGHT LEADERSHIP PAPER OVERVIEW

The Serviced Grid

A public-private coordination model for Energy as a Service, tested in Atlantic Canada, and where it should be piloted next

INTENDED FOR	Government energy and PPP units, development finance institutions, infrastructure investors, and operators evaluating service-based energy delivery
PREPARED BY	Shailan Topiwala, BSc, MCS, CMC, MIOD
CONTACT	s.topiwala@praxiskar.com www.praxiskar.com
DOCUMENT	Overview Last update 9 Oct 2026

Why This Paper

Energy as a Service removes the capital barrier for the customer but leaves the operator with a heavy balance sheet. The public-private partnership mobilises private capital but has struggled to find revenue models that do not lean on tariffs or taxpayers. This paper joins the two into one delivery model. Government contributes concession rights, private partners contribute equity and operating discipline, and customers pay only for the energy service they use. The paper then applies a three-condition test to find where the model should go next: Africa, Indonesia and Malaysia.

At a Glance

560M+ People in Sub-Saharan Africa without electricity in 2024	USD 15B A year needed for universal access in Africa by 2035	69.5 GW New capacity in Indonesia's 2025 to 2034 power plan	USD 183B Estimated cost of that buildout
--	--	---	--

What the Full Paper Covers

- **The model:** five elements, from concession rights and dual-rail revenue to community equity and phase-gated capital.
- **Where it was tested:** a utility workforce transformation in Nova Scotia and a Smart Grid programme in New Brunswick, with the limits of that evidence stated.
- **Where it goes next:** Africa, Indonesia and Malaysia, with the evidence behind each and a comparison table.
- **Risk and AI:** four safeguards that make the model bankable, including AI governance and cybersecurity written into the contract.

Request the Full Paper

The Serviced Grid runs eight pages with sources. Email s.topiwala@praxiskar.com for a copy.