

# Energy Access Indicators

Indicator		#	Description	Comments
Quality of Regulation for Off-grid RE Developers	Laws in Place to Allow Mini-Grids to Operate	1	Determine whether laws are in place explicitly allowing mini-grids to function and outlining their rights.	
	Number of Procedures to Permit a Mini-grid	2	Determine the procedures necessary for a RE developer to build and operate a mini-grid.	
	Anticipatory Regulation for Connecting Mini-Grids to Larger Grid	3	Determine quality of the existing process for incorporating mini-grids into the larger grid. Scaled based on the presence of: <ul style="list-style-type: none"> <li>• Safety, reliability, and voltage and frequency standards for mini-grids made publicly available</li> <li>• Mechanism to protect regulated mini-grids against expropriation (e.g. buyouts, termination payments, mini-grid conversion)</li> </ul>	
	Appropriate Tariff Regulation for Off-grid RE Developers	4	Determine whether there is light handed tariff regulation for off-grid RE developers which allows them to: <ul style="list-style-type: none"> <li>• Charge tariffs that may exceed the national tariff level</li> <li>• Cross-subsidize their retail tariffs (usually by charging businesses more than households).</li> <li>• Enter power sales contracts with businesses without requiring prior regulatory approval of contract terms.</li> </ul>	
Quality of Support for Off-grid RE Developers	Dedicated Source of Funding for RE Mini-grid Subsidies	5	Determine whether there is a defined source of funding with a clear revenue stream for RE mini-grid subsidies.	
	Subsidies for Connecting Users to Mini-	6	Determine whether subsidies are disbursed against milestones. These milestones can include: <ul style="list-style-type: none"> <li>• Confirmation of connection</li> </ul>	

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	grids are Output-based		<ul style="list-style-type: none"> <li>Confirmation of reliable power after some period of time (e.g. 1 month)</li> </ul>	
	Existence of Mechanism to Encourage Lowest Subsidy Per New Connection	7	Least-cost or least-grant bidding for concession areas.	
Quality of Support for Off-grid Lighting and Home Solar Systems	Customs Duty Exemptions for Solar Lighting Products and Home Systems	8	Determine whether there is a customs duty exemption for solar lighting products and home systems.	
	Subsidies in Place for Solar Lighting Products	9	Determine whether the price in which they are sold in the market is the same price for which the government buys them.	
	Absence of Subsidies for Kerosene Fuel	10	Determine whether subsidies are in place for kerosene fuel.	
Procedures for Getting a New Connection	Cost and Number of Procedures to Get a New Connection	11	Measure the number of procedures and days necessary for a rural residential customer to get a new connection from the customer's perspective.	
	Number of Procedures for Getting Financing for Customer Connections	12	Measure the number of procedures and days necessary for a rural residential customer to get financing for a new connection (whether from utility or from a third party lender).	