National Electrification Project

OBJECTIVE

➢ To Achieve Universal Access to Electricity in Myanmar by 2030
Roadmap to Achieve Universal Access by 2030

- **Today**: 34%
- 2015: 34%
- 2020: 50%
- 2025: 75%
- **2030 Planned**: 100%
World Bank’s International Development Association (IDA) US$ (400) million

Ministry of Electricity and Energy (MOEE)
(1) US$ (300) million Grid-extension
US$ (10) million Technical Assistance for Grid-extension

Ministry of Agriculture, Livestock and Irrigation (MOALI):
implementation by Department of Rural Development (DRD)
(1) US$ (80) million Off-grid Electrification
US$ (10) million Technical Assistance for Off-grid Electrification
## Budget Allocation of IDA 90 million for Off-grid Electrification

<table>
<thead>
<tr>
<th></th>
<th>Mini-grid</th>
<th>Solar Home System</th>
<th>Public Institution</th>
<th>Technical Assistance</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDA USD million</td>
<td>7</td>
<td>53</td>
<td>20</td>
<td>10</td>
<td>90</td>
</tr>
</tbody>
</table>
# Financial Contribution for Off-grid Electrification

<table>
<thead>
<tr>
<th>System</th>
<th>DRD contribution (USD Million)</th>
<th>WB’s IDA contribution (USD Million)</th>
<th>HH contribution (USD Million)</th>
<th>Total (USD Million)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mini-grid</td>
<td>7</td>
<td>7</td>
<td>11</td>
<td>25</td>
</tr>
<tr>
<td>SHS</td>
<td>53</td>
<td>53</td>
<td>20</td>
<td>126</td>
</tr>
<tr>
<td>Public Institution</td>
<td>-</td>
<td>20</td>
<td>-</td>
<td>20</td>
</tr>
<tr>
<td>Total</td>
<td>60</td>
<td>80</td>
<td>31</td>
<td>171</td>
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</table>
Off-grid Electrification for 2016-2017 Fiscal Year

- Electrification System
  - Solar Home System
  - Mini-Grid System
    (Solar, Hydro, Bio-mass and Bio-gas System)
- Electrification Item (9 items)
  - House-hold Electrification
    (small, medium Large)
  - Rural Health Centre
  - School (Primary, Middle, High)
  - Religious Building
  - Rural Street Light
Targeting subsidies for the Poorer of the Poor

- DRD offers SHS of three different sizes, the smallest with highest % of subsidies, targeting the poor, to meet the basic needs for lighting and ICT.

- 7 State and region
- 95 townships
- 2685 Villages
- 141014 Households

Our Targeting

- 500,000 HHs for 2016-2021
First ICB for Solar PV Systems Launched in March 2016

Total: **158,427** solar PV systems, in **12** lots

- **SHS**
  - 141,014 Nos
  - (30Wp, 45Wp, 60Wp)

- **School**
  - 1,564 Nos
  - (120Wp, 375Wp, 475Wp)

- **Health Center**
  - 328 Nos
  - (180Wp)

- **Religious Building**
  - 2,096 Nos
  - (120Wp)

- **Street Light**
  - 13,425 Nos
  - (70Wp)

Bid evaluation is under way.
A total of 354 bids for all 12 lots received

- Advertising the Bidding Document in Newspaper (8.2.2016)
- Pre-bid meeting (3.3.2016)
- Tender Opening (12.5.2016)
- RFP Pre-conference for IVA (18.8.2016)
- Contracting and Sample Approval (Nov-Dec, 2016)
- Pilot Installation (Dec, 2016)
- Supply and Installation (Jan, 2017)