



Notification - VCS 1495 - Selco clean energy products grouped project

Requirement	Compliance Details												
<p>Project Design and Implementation, including Monitoring Results</p>	<p>The purpose of this grouped project is to disseminate clean energy products to households, communities, institutions, and small and medium-sized enterprises (SMEs) in rural, urban, and semi-urban areas across various states in India. The clean energy products disseminated include solar lighting systems (SLS), solar water heating systems (SWHS), and solar photovoltaic (SPV) systems. These systems utilize solar energy and convert it into thermal or electrical energy, as applicable. The dissemination of these systems results in the displacement of fossil fuel-based energy consumption for meeting equivalent energy demand, thereby leading to greenhouse gas (GHG) emission reductions and contributing towards sustainable development. Recent performance monitoring (MP5¹) yielded following results:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Year</th> <th>No of Light Systems</th> <th>SWHS Quantity</th> <th>SPV Quantity</th> </tr> </thead> <tbody> <tr> <td>2014 to 2023</td> <td>38,462</td> <td>18,677</td> <td>15,041</td> </tr> </tbody> </table> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>System Type</th> <th>Usage Rate (%) for MP5</th> </tr> </thead> <tbody> <tr> <td>SWHS</td> <td>81.82%</td> </tr> </tbody> </table>	Year	No of Light Systems	SWHS Quantity	SPV Quantity	2014 to 2023	38,462	18,677	15,041	System Type	Usage Rate (%) for MP5	SWHS	81.82%
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<p>Risks, Costs, and Benefits to Stakeholders</p>	<p>Risks: The clean energy products i.e., solar lighting systems (SLS), solar water heating systems (SWHS), and solar photovoltaic (SPV) systems, are designed and installed in accordance with applicable safety standards and protocols, offering a sustainable and safe alternative to conventional fossil fuel-based energy sources.</p> <p>Costs: The clean energy products distribution/maintenance services are provided at a subsidized price against future carbon credits generated from the use of the disseminated systems under the grouped project activity.</p> <p>Benefits:</p> <ul style="list-style-type: none"> • Making clean energy products affordable to beneficiaries • Reduced energy expenses due to replacement of conventional fossil fuel-based energy sources • Improved access to reliable and clean energy services for households, communities, institutions, and SMEs • Reduced greenhouse gas emissions and environmental pollution using renewable energy sources • Generation of local employment during distribution, installation, operation, maintenance, and monitoring of clean energy systems • Improved quality of life through enhanced access to lighting, heating, and electricity services 												
<p>Benefit Sharing Mechanisms</p>	<p>The clean energy products distribution/maintenance services under the project are provided at a subsidized price against future carbon credits generated from the use of the disseminated systems. Thus, the project has a benefit-sharing feature with beneficiaries.</p>												
<p>Ongoing Free, Prior, and Informed Consent (FPIC) Process</p>	<p>The beneficiaries transfer rights or ownership of credits generated out of the use of the clean energy products unconditionally to the PP at the time of system distribution/installation through an agreement, thereby ensuring FPIC.</p>												
<p>Relevant Laws and Regulations on Workers' Rights</p>	<p>The PP ensures that all relevant national / local laws and regulations on worker's rights are followed and complied with.</p>												
<p>VCS Validation and Verification Process & Site Visit</p>	<p>The project is registered as VCS project with VERRA. The validation was performed by Carbon Check India Private Limited. The project is expected to undergo verification site visit for the MP5 issuance by VKU certification Pvt. Ltd. between 15 June 2026 to 15 July 2026.</p>												

¹ From 01 Jan 2023 to 31st Dec 2023