



SAARC Energy Centre, Islamabad, Pakistan



Overview of SAARC Energy Centre and Training Workshop

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Program Leader

5th-7th October, 2026 : Hybrid Mode | Galle Face Hotel, Colombo, Sri Lanka

Outline

- Introduction of the Centre
- Activities (Approved and Ongoing)
- Training Workshop on Financial Modeling for Renewable Energy Projects

Introduction of the Centre

- 1st Meeting of SAARC Energy Ministers (Islamabad, Oct 2005), agreed to establish SAARC Energy Centre in Pakistan
- Approved by 13th SAARC Summit (Dhaka, Nov 2005)
- SAARC Energy Centre (SEC) was established in March 2006 with the aim of :
 - *Strengthening region's capability in energy issues*
 - *Enhancing coordination in energy strategies of Member States*
 - *Facilitating intra-regional trade in energy*
 - *Promoting cooperation in energy efficiency and conservation*
 - *Promoting development of new and renewable energy resources*

Objectives

The major objective is to have a regional institution of excellence for the initiation, coordination and facilitation of SAARC Programmes in energy and

Enhance development of SAARC expertise in energy development and management

Provide technical inputs for the SAARC working group on energy, energy ministers' forum and other SAARC meetings on energy

Promote private sector investment and participation in energy activities of the region

Be a catalyst for the economic growth and development of the South Asia region

Spectrum of Activities

Power and Energy Trade

Energy, Transport &
Environment

Energy Efficiency & Renewable

Technology Transfer

Rural Electrification

Range of Activities:

1. Research Studies
2. Knowledge Sharing
Webinars
3. Training Workshops
4. Pilot / Special
Projects

Categorization of Activities (FY 2026)

Category of Activities	Total
Research Studies	8
Knowledge Sharing Webinars	14
Training Workshops	9
Special Projects	1
Total	32

Research Studies

- Analyze challenges and opportunities, and assess the techno-economic feasibility
- Contents and style is to guide the stakeholders (policy makers, professionals)
- In-depth, factual and concise research is preferred over generic appraisal
- Actionable Recommendations and a strategic way forward for the countries

Research Studies

- Ongoing Research Studies being undertaken include:
 - Study on 'Scope of Rooftop Solar in Rural Government Educational Institutions in Bangladesh'
 - Study on 'Integration of Renewable Energy Sources and Electric Vehicles into Electric Power System'
 - Study on 'Acquiring Green and Sustainable Financing for Energy projects'
 - Information and contents on Research Studies is available at
 - <https://www.saarcenergy.org/programmes-2026/>

Webinar Series 2026

- Series of Webinars on emerging and critical topics in the Energy sector
- Key issues and Specific challenges faced by the Energy sector of SAARC
- Provide insights into best practices and innovative solutions being adopted by the countries within and outside the SAARC region

Webinar Series 2026

- Completed Webinars include:
 - Empowering Women in Energy Sector through development of Gender inclusive Energy Policy Guidelines
 - Cyber Security Training and Auditing for Smart Grid
 - Market Strategies under Energy as a Service (EaaS)
 - Solar Net-metering: Challenges and Way Forward
 - Optimal Sizing and Placement of Batteries for Solar Acquisition
 - Scheduling of Wind and Solar power projects
 - Disposal and Recycling Methods for Storage Batteries and Solar Panels
 - Information and contents on completed and upcoming events is available at <https://www.saarcenergy.org/webinars2026/>¹⁰

Training Workshops

- Training Activities are need based; demand driven and relate to significant interests of the SAARC Member States.
- Training Workshops aim to strengthen technical, policy, and institutional capacities of key stakeholders in SAARC Region.
- Training through presentations, group discussions, sharing experiences and responding to question by the participants.

Training Workshops

- Completed one:
- SAARC Training workshop on EV and Charging Infrastructure on 27th -29th September 2026, Islamabad, Pakistan
- Upcoming Training Workshops include:
 - SAARC Training workshop on 'Energy Management in Residential and Commercial Buildings', tentatively schedule on 1st -3rd December 2026 in Male, Maldives
 - SAARC Training Workshop on 'Navigating the Energy Transition and its implication for SAARC region' tentatively schedule on 14-16 December 2026 in Kathmandu, Nepal
 - Information and contents on Training Workshops is available at <https://www.saarcenergy.org/programmes-2026/>

FM for Renewable Energy Projects: Overview

Rationale

Financially viable and environmentally sound exploitation of Renewable Energy (RE) is the need of the day for a sustainable future. RE projects such as solar, wind and hydro do not emit pollution into the environment. However, they require significant amount of capital cost, incur operational costs.

Objective

Provide participants with comprehensive knowledge and practical insights of financial modeling for RE Projects and to develop and analyze the financing options for renewable energy projects.

Programme Agenda at a Glance

DAY 1

Monday, 5th October

- Inaugural session with keynote & inaugural addresses
- Member State presentations : policy, regulation & Investment mechanisms for RE Projects
- Renewable Energy Technologies, Global Energy Trends and Regional Market Architecture
- Policy and Regulator Frameworks, Sources of Finance and the Risk-Return Profile of Renewable Energy Projects

Programme Agenda at a Glance

DAY 2

Tuesday, 6th October

- Fundamental of Project Finance and the Architecture of a Renewable Energy Financial Model
- Modeling Assumptions, Energy Yield Estimation and the Contractual Basis of the Cash Flow
- Building the Tariff Model: Inputs, Capital Cost and Revenue Blocks (Hands – On)
- Site Visit to Aitken Spence (10 MW Waste to Energy Project)

Programme Agenda at a Glance

DAY 3

Wednesday, 7th October

- Operating Costs, Debt Service and Return Components
- Debt sizing, Financial Statements, Scenario Testing and Presentation of Team Results
- Reflection and Feedback from delegates
- Certificate distribution and Closing of the Training Workshop

Resource Persons & Logistics

Experts/Speakers Engaged from National and International Market

- Dr. Tatania Lanshina , Program Lead, Agora Energiewende, Germany
- Dr. Irfan Yusuf, Energy and Climate Expert, Pakistan
- Dr. Narendra De Silva, General Manager, Lanka Electricity Company Pvt. Ltd., Sri Lanka
- Mr. Vivek Mishra, Energy Policy Expert, India

Venue

Galle Face 6, Galle Face Hotel, Colombo, Sri Lanka

Mode

Hybrid (physical & virtual) participation for all sessions

Participants

Delegates nominated by SAARC Member States & regional experts

Contact

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Thank You !