



SAARC Energy Centre

Islamabad, Pakistan

Agenda

SAARC Training Workshop on 'Electric Vehicle and its Charging Infrastructure'

27th-29th August, 2026 : Hybrid Mode | Ramada by Wyndham Hotel, Islamabad, Pakistan

Wednesday, 26th August 2026 — Arrival of Delegates from Member States	
Day 1 - Thursday, 27th August 2026	
0900 – 0930	Registration of Delegates
Inaugural Session	
0930 – 0945	Welcome Address <i>Director, SAARC Energy Centre, Islamabad</i>
0945 – 1000	Keynote Address <i>Director General, South Asia & SAARC Division, Ministry of Foreign Affairs, Government of Pakistan</i>
1000 – 1015	Inaugural Address <i>Managing Director, NEECA, Ministry of Energy (Power Division), Government of Pakistan</i>
<i>Distribution of Shields by Director, SAARC Energy Centre</i> <i>1015 – 1030</i>	
<i>Group Photograph and Tea/Coffee Break</i> <i>1030 – 1130</i>	
Technical Session 1 — Member States Presentations	
1130 – 1145	Introduction to SAARC Energy Centre and Overview of Training Workshop <i>Mr. Ahsan Javed, Program Leader, SAARC Energy Centre</i>
1145 – 1330	Member State presentations on existing Policy, Regulations, and status of EV technology (15–20 minutes each, incl. Q&A) <i>Delegates from SAARC Member States</i>
<i>Luncheon</i> <i>1330 – 1430</i>	
Technical Session 2 — EV Technology Overview and Global Market Trends	
1430 – 1500	EV Technology Overview and its Potential in the SAARC Region <i>Dr. Naveed Arshad, Professor and Director, LUMS Energy Institute, Pakistan</i>
1500 – 1530	Global and Asia-Pacific EV Market trends: Overview, Status, and Industry Forecast <i>Mr. Jack Gregory Crawford, Economic Affairs Officer, Transport Division, UNESCAP, Thailand</i> Q & A

Tea/Coffee Break 1530 – 1545	
Technical Session 3 — Policy, Incentives, and Regulatory Frameworks for EVs	
1545 – 1615	EV Policy and Regulatory Development <i>Mr. Muhammad Umar, Director, Power & Energy, NEECA, Pakistan</i>
1615 – 1700	EV Policy and its Impacts (Case Study: Southeast Asia) <i>Dr. Horizon Walker Gitano Briggs, CTO, Focus Applied Technologies, Malaysia</i> Q & A
Welcome Dinner hosted by SAARC Energy Centre 1930 onwards	
Day 2 - Friday, 28th August 2026	
Technical Session 4 — Fundamentals of EVs and Technology Development	
0930 – 1015	EVs vs. ICE Vehicles: Fundamental Design, Types, Charging Integration, and Implementation Challenges <i>Mr. Malik Muhammad Arslan, Energy Specialist, LUMS Energy Institute, Pakistan</i>
1015 – 1045	EV technology development (Power electronics, Electric motors, Drivetrains & Batteries) <i>Dr. Naveed Arshad, Professor and Director, LUMS Energy Institute, Pakistan</i> Q & A
Tea/Coffee Break 1045 – 1115	
Technical Session 5 — EV Batteries design and performance	
1115 – 1200	Battery chemistry and Performance (Lithium-ion, Solid-state, Sodium-ion); Operational process, Capacity and Range <i>Dr. Naveed Arshad, Professor and Director, LUMS Energy Institute, Pakistan</i>
1200 – 1230	Battery Safety and Sustainability (Manufacturing and end-of-life Disposal) <i>Dr. Horizon Walker Gitano Briggs, CTO, Focus Applied Technologies, Malaysia</i> Q & A
Luncheon and Jumma Prayers 1230 – 1400	
Technical Session 6 — Charging Station Fundamentals and Distribution Grid	
1400 – 1445	Powering the Transition: EV Charging Infrastructure (Types, Trends, Innovations, and Investment) <i>Mr. Malik Muhammad Arslan, Energy Specialist, LUMS Energy Institute, Pakistan</i>
1445 – 1530	EV Charging and the Grid: Tariff Structures, Load Impact, and Distributed Generation Integration <i>Mr. Imtiaz Ahmad, Deputy Director (R&D), Independent System and Market Operator, Pakistan</i> Q & A
Tea/Coffee Break 1530 – 1600	

Field Visit: ezBike manufacturing facility, Islamabad	
1600 – 1800	A field visit to a leading EV manufacturing facility in Islamabad has been arranged for the afternoon of Friday, 28th August 2026. The session will include a brief introductory presentation by the host company (ezBike) followed by a guided tour of the facility. Further details on the venue, timing, and transport will be shared with participants closer to the date. <i>SAARC Energy Centre</i>
Day 3 - Saturday, 29 th August 2026	
Technical Session 7 — Codes, Standards, and Business Models	
0930 – 1015	Global Standards and Testing of EVs <i>Dr. Horizon Walker Gitano Briggs, CTO, Focus Applied Technologies, Malaysia</i>
1015 – 1045	Scaling EVs in ASEAN: OEM Partnerships, Battery Swapping, and Private Investment Case Studies <i>Mr. Malik Muhammad Arslan, Energy Specialist, LUMS Energy Institute, Pakistan</i> Q & A
Tea/Coffee Break 1045 – 1100	
Technical Session 8 — Weighing the Trade-offs: Environmental and Economic Impacts of EVs	
1100 – 1130	Workforce Development and Skills Requirements (Insights from Southeast Region) <i>Mr. Jack Gregory Crawford, Economic Affairs Officer, Transport Division, UNESCAP</i>
1130 – 1215	Economic Considerations of EV Adoption: Costs, Financing, and Market Viability <i>Dr. Naveed Arshad, Professor and Director, LUMS Energy Institute</i> Q & A
Luncheon 1215 – 1330	
Technical Session 9 — Panel Discussion (Policy to Practice: Accelerating EV Adoption in SAARC)	
<i>Moderator: Mr. Abdul Rasheed Jakhio, Director, SAARC Energy Centre</i>	
1330 – 1500	a. Policy, Grid, or Market: Where Is the real bottleneck to EV adoption? b. Can Member States achieve EV Adoption targets by 2030? What Needs to Change? c. Grid Interconnection at Scale: Can the Network Absorb Mass EV Charging? d. Any others? Panelists: • NEPRA/PPIB • IESCO/ISMO • Local OEM • Academics Q & A
Valedictory Session	
1500 – 1515	Way Forward by the SAARC Energy Centre <i>Director, SAARC Energy Centre</i>

1515 – 1530	Valedictory Address <i>Chief Guest, Government of Pakistan (to be invited)</i>
1530 – 1545	Distribution of Certificates
1545 – 1600	Vote of Thanks <i>Delegate from Maldives</i>
Sunday, 30th August 2026 — Departure of Delegates from Islamabad	

Notes

1. *This agenda is tentative and subject to change; an updated version will be circulated closer to the event.*
2. *All timings are in Pakistan Standard Time (PKT, UTC+5).*
3. *Working language of the Training Workshop is English.*
4. *Delegates are requested to share their country presentations electronically with Mr. Ahsan Javed (ahsan@saarcenergy.org) by 25th Aug 2026.*
5. *Delegates attending the Training Workshop in Online mode are requested to join the sessions via the Zoom link [<https://us06web.zoom.us/j/82083765017?pwd=as6VssLi0IDbALCrrCo5qtYe3GW4xq.1&jst=1>] Meeting ID: [820 8376 5017] Passcode: [671631].*
6. *Each Member State delegation is requested to strictly observe the 15–20-minute limit (including Q&A) for their country presentation to keep the program on schedule.*
7. *For any logistical queries, contact: Mr. Ahsan Javed, Program Leader, SAARC Energy Centre (Cell: +92 333 517 2446, Email: ahsan@saarcenergy.org)*
8. *Abbreviations: SAARC – South Asian Association for Regional Cooperation; SEC – SAARC Energy Centre; EV – Electric Vehicle; LUMS – Lahore University of Management Sciences; UNESCAP – United Nations Economic and Social Commission for Asia and the Pacific; NEECA – National Energy Efficiency and Conservation Authority; NEPRA – National Electric Power Regulatory Authority; ISMO – Independent System and Market Operator; PPIB – Private Power and Infrastructure Board; IESCO – Islamabad Electric Supply Company.*