

3rd Quarter Newsletter 2019

Newsletter

SAARC Energy Centre



Mr. Mohammad Naeem Malik, Director SEC presenting souvenir to the Federal Minister for Energy, Mr. Omer Ayub Khan

About SAARC Energy Centre

Energy cooperation is a driver for the SAARC process leading to durable peace in the region. SAARC Energy Centre has been created through Dhaka Declaration in 2005, as the Special Purpose Vehicle to realize the vision of SAARC leaders to establish an Energy Ring in South Asia. It has started journey from 1st March 2006 in Islamabad. SAARC energy cooperation program provides a major substantive element for economic prosperity of South Asia through meeting the energy demand

of the countries. SAARC Energy Centre is converting energy challenges into opportunities for development.

It is the platform involving officials, experts, academia, environmentalists and NGOs to tap potentials of cooperation in energy sector including development of hydropower, renewable and alternative energy, promoting technology transfer, energy trade, energy conservation and efficiency improvement in the region.

Slogan:

Energy for Peace & Prosperity.

Vision:

Energy security for South Asia through development of indigenous, regional as well as Intra-regional resources by enhancing cooperation and optimal use of resources.

Mission:

Contribute as a regional Centre of Excellence on energy to fulfill the energy needs through sustainable and least cost energy solutions.

Goals:

1. Strengthen South Asia's capacity to collectively address global and regional energy issues.
2. Facilitate energy trade within the SAARC region, through the establishment of a regional interconnections and energy markets.
3. Promote the role of private sector in energy sector (i.e., production, transportation, trade, energy conservation).
4. Enhance regional human capital in energy sector.
5. Promote use of alternative and renewable energies/technologies in the region.
6. Induce the culture of energy conservation in the region.
7. Promote Transfer of Technology (ToT) in the energy sector in South Asia.
8. Contribute in providing regional energy data and information.
9. Undertake programs to achieve the above goals by approaching the Region and beyond.

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MESSAGE

from the
Secretary General

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Director SEC during Workshop

MESSAGE

from the
Secretary General



Amjad Hussain B. Sial

Home to about one fourth of the global population, South Asia, with tremendous human and natural resources, has great potential for socio-economic development. The region also has abundant energy resources, which are yet to be fully tapped. On the other hand, rapid urbanization and fast economic growth have led to unprecedented surge in the demand for energy, requiring effective collaboration among the Member States in energy generation, its efficient use, transmission, trade and integration of energy strategies.

The process of regional cooperation in energy began with the establishment of a Technical Committee on Energy in 2000. Recognizing that this vital area of cooperation required focused attention, the Council of Ministers established a specialized Working Group on Energy, replacing the erstwhile Technical Committee. Regional cooperation in energy received impetus with the identification of the concept of a “South Asia Energy Ring” during the Twelfth SAARC Summit in Islamabad in January 2004. In 2005, the leaders of SAARC decided to establish the SAARC Energy Centre, which has been working as a Centre of Excellence in initiating, coordinating and facilitating regional cooperation in energy.

The SAARC Framework Agreement for Energy Cooperation signed during the Eighteenth SAARC Summit in Katmandu in November 2014 is a milestone achievement. The Agreement is aimed at facilitating unrestricted cross border trade of electricity.

I wish to avail myself of this opportunity to commend the role being played by the SAARC Energy Centre (SEC) in promoting energy cooperation in the region.

I wish the Centre great success in its future endeavours.

Amjad Hussain B. Sial
Secretary General

MESSAGE

from the
Director, SEC



Mohammad Naeem Malik

Since its establishment, the Centre has paved way for the region to pool its vast knowledge and expertise and also bring latest international skills to capitalize on synergies in the energy sector.

The energy needs and priorities of the world have changed with the new economic developments, environmental regulations and political realignments. As the economies develop, we have to adopt more efficient technologies for provision of energy services at affordable prices. In line with the economic evolution, SAARC Energy Centre always kept itself abreast with the latest technological development and facilitated Member States in the same spirit.

As envisaged by the leaders of this Region SEC activities are focused on decreasing dependence on imported energy especially solid and liquid hydrocarbons. SEC programs on Promotion of Energy Conservation, mobilizing International and Regional Financing / Funding for Implementation of Renewable Energy Projects in the Member States, SAARC Energy Outlook 2030, Infrastructure needs and importance of enabling environment for road electric transport and trade etc are few examples. We are also focused on Training and capacity building of Member States.

The work programs of the Centre are demand driven and are decided based on the need of the countries. This edition will bring you an idea of latest energy developments and insight in South Asia. We present a brief look at each story as well as the opportunity where SEC took a proactive approach and emerged as a credible Energy Centre in the region. We encourage the reader to give input for next year's programs.

My sincere appreciation and thanks to Ms. Mehnaz Khurshid Gardezi, Editor- In -Chief of this issue and all those who contributed towards bringing out this edition.
Thank you.

Mohammad Naeem Malik
Director

Workshop on "Techniques on Energy Conservation and Efficiency in Buildings" in Sri Lanka



Director SEC during his
Welcome Remarks



Director SEC, Mr. Mohammad Naeem Malik
presenting souvenir to the Chief Guest, Mr.
Bangsa Jayah, Chairman Sri Lanka
Sustainable Energy Authority

SEC had successfully conducted a workshop on **"Techniques on Energy Conservation and Efficiency in Buildings"** in Sri Lanka from 26 - 28 August, 2019 in Dambulla, Sri Lanka. This workshop was attended by delegates of the SAARC Member States. During the three-day workshop, opportunities for energy savings residential, public, and commercial buildings were discussed in detail. All three primary ways to improve energy efficiency in residential, public, and commercial building i.e., improved design and construction techniques to reduce heating, cooling, ventilating, and lighting loads; Building upgrades & the replacement of energy-using equipment; and actively managing energy use; were also discussed in details.



Group photo of Workshop delegates

Workshop on “Participation of Private Sector in Overcoming Energy Poverty in SAARC Member States” in Sri Lanka



Delegates during Workshop

SEC successfully conducted a workshop on Participation of Private Sector in Overcoming Energy Poverty in SAARC Member States in Sri Lanka from 29 - 30 August, 2019 in Dambulla, Sri Lanka. This workshop was attended by delegates of all the SAARC Member States. During this two-day workshop, participants were given detailed understanding of various concepts of private sector finance as well as public-private partnerships to eradicate energy poverty in rural and urban communities. Moreover, energy poor markets and their requirements for private financing, distributed energy solutions for energy poor areas, challenges faced by private sector, government incentives for the private sector, and case studies along with success stories in overcoming energy poverty from South Asian private sector were discussed in detail.



Director SEC with the Chief Guest and the Guest of honor during lighting a traditional lamp to commence the workshop



Group photo of the delegates

SEC Awareness Session on Environment Conservation

SEC professionals during awareness session at Schools

SEC serves as an influential advocate for caring the environment by inspiring, informing and enabling masses to improve their quality of life. The Centre is actively engaged with academia and conducting awareness sessions regarding importance of clean environment. SEC professionals conducted an interactive session with the students of a public school in Islamabad and stressed on the need to join hands to fight the menace of pollution to save our environment.



SEC Professional during awareness sessions

Plastic ban

The Federal Government has approved and announced a ban on the usage of plastic bags on August 14, 2019. SEC has been conducting awareness workshops and campaigns for the last few years. In this connection Mr. Mohammad Naeem Malik, Director SEC has been meeting the Federal Minister of Climate Change, Heads of Capital Development Authority (CDA) and Metropolitan Corporation Islamabad (MCI) and other concerned.

Thank you, Government of Pakistan!



Participation in the regional on Climate Services for water and hydropower in South Asia

SEC was represented by Mr. Bhaskar Pradhan, Program Leader (Energy Trade) at a three-day regional workshop on 'climate services for water and hydropower in South Asia' from 24 - 26 September, 2019 organised by the International Centre for Integrated Mountain Development (ICIMOD) and the UK Met Office in Nepal.



SEC Professional during his presentation



Participants of the workshop

SEC Professional during awareness sessions

SEC official Mr. Ihsan Ullah Marwat during a media talk on July 5, 2019, discussing environment and energy related issues and their resolve





Mr. Mohammad Naeem Malik, Director SEC meets Mr. Amanullah Khan, Asistant Country Director, UNDP Pakistan.



Former Chairman OGRA, Mr. Munir Ahmed during a meeting with SEC team



Delegates of MET Office, UK and ICIMOD, Nepal visited Mr. Mohammad Naeem Malik, Director SEC on July 11, 2019.



SEC participation at Third Meeting of the Expert Working Group on Energy Connectivity in Thailand.



Group photo of participants

Engr. Ihsanullah Marwat, Research Fellow (Energy Efficiency) attended the Third Meeting of the Expert Working Group on Energy Connectivity, held on August 29, 2019, organized by the Economic and Social Commission for Asia and the Pacific (ESCAP) in Bangkok, Thailand.

Visit of JICA Pakistan team



Mr. Mohammad Naeem Malik, Director SEC meets JICA Pakistan team. Both sides discussed the possibilities of collaboration on energy and environment .



JICA team with SEC Professionals



JICA team with SEC Professionals

A Webinar session on Promotion of Energy Conservation in Municipalities of SAARC



SAARC Energy Centre, Islamabad is organizing a Webinar on "Promotion of Energy Conservation in Municipalities of SAARC"

The webinar discussed about Energy conservation opportunities in vehicle routing to collect Municipal Solid Waste (MSW), Waste-to-Energy Options in Municipal Solid Waste Management and Financing Municipal Energy Conservation/ Efficiency Projects. The experts during the course of the webinar had suggested solutions and recommendations for effective implementation energy conservation and efficient techniques in Municipalities. The webinar was attended by officials from municipalities/ local governments/urban local bodies and relevant Government departments of SAARC Member States. Research organizations, academia, associated industry and entrepreneurs were also present in the webinar.

Nepal's Constitutional and National Day Celebrations at SEC



Director SEC with his team during Nepal's Constitutional and National Day Celebrations at SEC.

SEC training of Afghanistan professionals



Director SEC with the Federal Minister for Energy and Chairman NEPRA during National Anthem of Pakistan

SEC had successfully conducted Training for Professionals of Afghanistan Public Private Partnership Unit and Afghanistan Electricity Regulatory Authority on Power Regulatory System from 16 - 20 September 2019 in Islamabad Pakistan in collaboration with NEPRA Pakistan. This workshop was attended by six Afghan delegates from the Ministry of Energy and Water and Ministry of Finance. During the five-day training, lectures and field visits were conducted. The classroom lectures were conducted at NEPRA Tower while field visits to NPCC, IESCO, PPIB, SkyElectric and CPPA were also conducted.

During the five-days training different aspects of a power regulatory system were discussed, starting from the theoretical concept of a regulatory system to a completely decentralized power systems. NEPRA members and officials from the respective departments presented their best practices and lessons learnt. During the field visits, each organization gave an overview of their systems and also discussed opportunities for collaboration.



Director SEC presenting a souvenir to H.E. Ms. Sewa Lamsal, Ambassador of Nepal to the Islamic Republic of Pakistan



Afghan trainees/delegates with Guests



IESCO Visit of Afghan trainees

Dissemination workshop on Smart Grids in Bhutan



Dr. Tanvir Ahmad, Programme Leader (Technology Transfer) SEC during his address

SEC had successfully conducted a Dissemination Workshop for the study on, "Development of Roadmap for Implementation of Smart Grid: Concepts, Practices and Technologies in SAARC" held on September 30 - October 1, 2019 in Thimphu, Bhutan. This workshop was attended by delegates of all the SAARC Member States. During the two-day workshop, different aspects of smart grids were discussed in detail. Findings of the study were shared with the delegates from the member states.



During workshop



Dr. Tanvir Ahmad, SEC Programme Leader (Technology Transfer) presenting a souvenir to the Chief Guest Mr. Sonam Tobjey CEO, Bhutan Power Corporation, Ltd.



Group photo of workshop delegates



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