

## Concept Paper

### SAARC Webinar on “Sharing Australian Experiences in Solar PV Technology”

Tuesday, February 26: 1100–1430 hrs Pakistan Standard time (PKT)

#### **Background:**

Solar photovoltaic (PV) systems are seeing continued expansion, with grid-scale, commercial and residential rooftop installations all playing a part in the overall growth of this important energy sector. Australia is one of the top ten installers of solar PV systems, with its capacity now crossing the 2 percent threshold of global capacity. This puts the country in a small group of countries that are now seeing a significant portion of electrical demand drawn from solar PV energy. This was partly possible due to introduction of effective policies by Australian government and subsequent initiatives/actions which took their Solar PV sector very high in comparison to other Asia Pacific countries. Moreover, the Australian continent has the highest solar radiation per square meter of any continent and consequently some of the best solar energy resource in the world. In Australia, the regions with the highest solar radiation are the desert regions in the northwest and center of the continent.

#### **Introduction:**

The webinar will consist of presentations from experts having knowledge and of the experiences and initiatives of Australian State and Federal Governments in Solar PV technology. Since Australia remains one of the successful examples around globe for using solar PV technology; this is in-part due to various initiatives undertaken by its governments at all levels. Therefore, the webinar will discuss in detail the policies formulated by the Australian governments for overcoming barriers to the market integration and up-taking of Solar technology; the necessary reforms to renewable energy targets; and the large scale programmes initiated by the Government in collaboration with industry such as Solar Panel Validation Initiative, Solar Towns Programme, Solar energy management system, interactive live Solar PV map and deployment of central battery storage for a separate neighborhood.

#### **Objectives:**

The overall objective of this webinar is to highlight Australian experiences in Solar PV with the SAARC Member States. The webinar will share best practices, case studies and provide participants with information on successful policy interventions and large scale programmes/projects implemented in field of Solar PV by Australia.

#### **Major Aspects /Topics to be covered during the Webinar:**

The following best practices of Solar PV in Australia shall be covered in the webinar:

- a) Rooftop Solar PV Systems
- b) Solar Towns programme
- c) Solar Energy Management (SEM) System for Utilities
- d) Solar Panel Validation scheme
- e) Interactive live Solar PV map
- f) Grid connected Solar PV with Lithium-ion storage project
- g) Other Government policy actions

#### **Professional Resource:**

Experts on Australian government policies, industry and technology shall be engaged during the webinar. They shall deliver their presentations during the webinar and respond to questions by the participants.

#### **Venue of the Workshop**

The Webinar shall be broadcasted from SEC from 1100-1430 hrs (PKT) on Tuesday, February 26, 2019.



SAARC Energy Centre  
Islamabad

### **Tentative Agenda**

## **SAARC Webinar on “Sharing Australian Experiences in Solar PV Technology”**

***Tuesday, February 26, 2019; 1100–1430 hrs Pakistan Standard time (PKT)***

1100 – 1105	Welcome and Introduction <i>Mr. Ahsan Javed, Research Fellow (Renewable Energy), SAARC Energy Centre</i>
1105 – 1115	Opening remarks <i>Mr. Merrille Gonnetilleke, Chairman Governing Board, SAARC Energy Centre</i>
1115 – 1130	Introduction to the speakers, Setting the scene – a brief outline of Australia’s PV sector in 2019 <i>Mr. Michael Williamson, Section Chief, Energy Division, UNESCAP, Bangkok, Thailand</i>
1130 – 1215	Presentation 1 – How solar installer training accreditation and solar product accreditation schemes ensure Australia’s solar revolution maintains quality and safety standards (includes 15 mins Q & A) <i>Mr. Demian Netakhan, Director of Enhar Pty Ltd, Victoria, Australia</i>
1215 – 1300	Presentation 2 – An overview of Australia’s policy journey for Solar PV (includes 15 mins Q & A) <i>Dr. Anna Bruce, Senior Lecturer in the School of Photovoltaic and Renewable Energy Engineering, University of NSW, Sydney, Australia</i>
1300 – 1345	Presentation 3 – The role of the Australian States in accelerating Solar PV uptake (includes 15 mins Q & A) <i>Dr. Adrian Panow, Director of Deakin Energy, Victoria, Australia</i>
1345 – 1415	Knowledge sharing session
1415 – 1425	Wrap up and conclusion <i>Mr. Michael Williamson</i>
1425 – 1430	Vote of thanks and Closing of Webinar <i>Mr. Ahsan Javed</i>

### **Information for the participants:**

1. All times mentioned in agenda are according to Pakistan Standard Time (PKT). The participants from other Member States of SAARC and Australia may attend Webinar by following their own national time. The time conversion for all countries is given below for reference:

Country	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Sri Lanka	Australia
Local time	(PKT-00:30)	(PKT+01:00)	(PKT+01:00)	(PKT+00:30)	PKT	(PKT+00:45)	(PKT+00:30)	(PKT+06:00)

2. The participants can ask questions to presenters by typing questions or clicking to the raised hand option into the Attendees pane of the main window of GotoWebinar software. You may send in your questions at any time during the presentations; we will collect these and address them during the Q & A session at the end of each presentation. You may also discuss your queries during the knowledge sharing session of webinar.
3. All participants can also submit comments/views and/or observations on the webinar to SAARC Energy Centre through email to Mr. Ahsan Javed ([ahsan@saarcenergy.org](mailto:ahsan@saarcenergy.org)) before 5<sup>th</sup> March, 2019.