

Capacity-Building Workshop on the Integration Costs of Wind and Solar Power

30-31 July 2024, Bristol Hotel, Amman, Jordan

Agenda

Day 1: Tuesday, July 30, 2024	
08:30 – 09:00	Registration
09:00 – 09:15	Opening Session and Welcoming Remarks
	<ul style="list-style-type: none"> – Mr. Nasser Ali Al-Mohannadi, Secretary General, Arab Union of Electricity (AUE) – Ms. Radia Sedaoui, Chief, Energy Section (ES), Climate Change and Natural Resources Sustainability Cluster (CCNRSC), ESCWA
09:15 – 09:30	Setting the scene and tour de table
	<ul style="list-style-type: none"> – Mr. Jil Amine, Economic Affairs Officer, ES, CCNRSC, ESCWA
09:30 – 10:00	Session 1: Introduction
	<p>This session will introduce integration costs in general along with their purpose, definition, and key discussion points.</p> <ul style="list-style-type: none"> – Dr. Ravi Segal, Expert, ESCWA – Q&A (5 mins)
10:00 – 10:55	Session 2: Generation (part 1)
	<p>This session will focus on integration costs associated with power generation technologies.</p> <ul style="list-style-type: none"> – Dr. Ravi Segal, ESCWA
10:55 – 11:10	Coffee Break
11:10 – 12:00	Session 2: Generation (part 2)
	<ul style="list-style-type: none"> – Dr. Ravi Segal, ESCWA – Q&A (15 mins)
12:00 – 13:00	Session 3: Transmission (part 1)
	<p>This session will focus on integration costs associated with transmission networks.</p> <ul style="list-style-type: none"> – Dr. Osama Saadeh, Expert, ESCWA
13:00 – 14:00	Lunch Break
14:00 – 14:45	Session 3: Transmission (part 2)
	<ul style="list-style-type: none"> – Dr. Osama Saadeh, ESCWA – Q&A (15 mins)
14:45 – 16:30	Session 4: Integration Challenges Group Work
	<p>This session will split the participants into three working groups where they will deliberate about their experiences with national-level technical and financial challenges being faced due to higher integration rates of renewables. Each group will nominate a rapporteur who will present the group's findings.</p> <p><u>Facilitated by:</u></p> <ul style="list-style-type: none"> – Dr. Ravi Segal, ESCWA – Dr. Osama Saadeh, ESCWA – Mr. Jil Amine, ESCWA
16:30 – 16:45	Coffee Break and End of Day 1

Day 2: Wednesday, July 31, 2024	
09:00 – 10:45	Session 5: Distribution
	<p>This session will focus on the integration costs associated with power distribution networks.</p> <ul style="list-style-type: none"> – Dr. Osama Saadeh, ESCWA – Q&A (15 mins)
10:45 – 11:00	Coffee Break
11:00 – 12:45	Session 6: Grid Operation and Planning Aspects
	<p>This session will focus on grid operation and planning aspects.</p> <ul style="list-style-type: none"> – Dr. Ravi Segal, ESCWA
12:45 – 13:45	Lunch Break
13:45 – 15:30	Session 7: Integration Solutions Group Work
	<p>This session will split the participants into three working groups where they will deliberate on potential solutions, based on what they learned throughout the workshop, to address national-level technical and financial challenges being faced due to higher integration rates of renewables. Each group will nominate a rapporteur who will present the group's findings.</p> <p><u>Facilitated by:</u></p> <ul style="list-style-type: none"> – Dr. Ravi Segal, ESCWA – Dr. Osama Saadeh, ESCWA – Ms. Radia Sedaoui, ESCWA
15:30 – 16:15	Session 8: Open Discussion on the Way Forward
	<p>This session will enable the participants to share other challenges and issues they are facing or predict to face in the future that are not related to the integration costs of wind and solar power. This will serve to inform AUE and ESCWA about potential topics to consider for capacity building in the future.</p> <p>The session will also provide an opportunity to participants who wish to share national and/or regional success stories and lessons learned related to the integration of renewable energy.</p> <ul style="list-style-type: none"> – Moderated by Mr. Ahmed Al Dohni, Head of Renewable Energy, NEPCO
16:15 – 16:25	Closing Remarks and Group Photo
	<ul style="list-style-type: none"> – Ms. Radia Sedaoui, ESCWA – Mr. Nasser Ali Al-Mohannadi, AUE
16:25 – 16:40	Coffee Break and End of Day 2 and Workshop