



Atoms for Peace and Development

الوكالة الدولية للطاقة الذرية
国际原子能机构
International Atomic Energy Agency
Agence internationale de l'énergie atomique
Международное агентство по атомной энергии
Organismo Internacional de Energía Atómica

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In reply please refer to: **EVT1904488**
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The Secretariat of the International Atomic Energy Agency (IAEA) presents its compliments to the IAEA's Member States and has the honour to draw their attention to the **Technical Meeting on Potential Schemes for Licensing Nuclear Cogeneration Plants** (hereinafter referred to as "event") to be held at the IAEA's Headquarters in Vienna, Austria, from **1 to 3 September 2020**.

The purpose of the event is to assess issues related to the coupling of nuclear power plants with other non-electric application plants, such as desalination plants and hydrogen production plants; to collect best practices and procedures for licensing such plants from existing nuclear cogeneration projects and assess available technologies suitable for coupling with nuclear power plants using waste heat; and to evaluate the advantages and disadvantages of coupling schemes, the overall safety and manoeuvrability of cogeneration plants, and cost reduction strategies for such plants.

The attached Information Sheet provides further details of the event.

The event will be held in English.

Member States are invited to designate one participant to represent the Government at this event. Member States are strongly encouraged to identify suitable women participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Upon specific request, such assistance may be offered to normally one participant per country, provided that, in the IAEA's view, the participant will make an important contribution to the event. The application for financial support should be made at the time of designating the participants using the attached Grant Application Form (Form C).

It should be noted that compensation is not payable by the IAEA for any damage to or loss of personal property. The IAEA also does not provide health insurance coverage for participants in IAEA events. Arrangements for private insurance coverage on an individual basis should therefore be made. The IAEA will, however, provide insurance coverage for accidents and illnesses that clearly result from any work performed for the IAEA.

Designations should be submitted to the IAEA through the competent national authority (Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) not later than **16 July 2020** using the attached Participation Form (Form A). Completed and authorized Participation Forms should be sent either by email to: Official.Mail@iaea.org or by fax to: +43 1 26007 (no hard copies needed). Copies should be sent by email to the Scientific Secretary of the event, Mr Ibrahim Khamis, Division of Nuclear Power, Department of Nuclear Energy (Email: I.Khamis@iaea.org), and to the Administrative Secretary, Ms Mercedes Nicole Córdova Jurak (Email: M.N.Cordova-Jurak@iaea.org). The Scientific Secretary of the event will liaise with the participants directly concerning further arrangements, including travel details, as appropriate, once official designations have been received.

Should Governments wish, in addition, to appoint one or more observers to assist and advise the designated participants, they are kindly requested to inform the IAEA of the names and contact details of any such observers by the above date. In accordance with the established rules, Governments are expected to bear the cost of attendance of any observers they may send to IAEA events. Compensation is not payable by the IAEA for any damage to or loss of observers' personal property or for illness, injury or death occurring while travelling to or in connection with their attendance at IAEA events.

The Secretariat of the International Atomic Energy Agency avails itself of this opportunity to renew to the IAEA's Member States the assurances of its highest consideration.



2020-04-14

Enclosures: Information Sheet
Participation Form (Form A)
Grant Application Form (Form C)



IAEA

International Atomic Energy Agency

Atoms for Peace and Development

Technical Meeting on Potential Schemes for Licensing Nuclear Cogeneration Plants

**IAEA Headquarters
Vienna, Austria**

1–3 September 2020

Ref. No.: EVT1904488

Information Sheet

A. Introduction

With the growing interest in nuclear cogeneration, i.e. using nuclear power plants not only for electricity generation but also to provide simultaneously electricity and process heat for other industrial applications such as district heating, hydrogen production, seawater desalination or other industrial facilities; many challenges have to be addressed which mainly related to the coupling between the nuclear power plant and the industrial facilities. There are various potential schemes for licensing such nuclear cogeneration systems. Each may have advantages and disadvantages. Licensing the industrial plant as part of the overall licensing process of the nuclear cogeneration system is considered a complex undertaking for both newcomer countries with limited experience on regulations as well as operating countries having stringent regulatory process for licensing nuclear power plants. The licensing process for nuclear cogenerations systems becomes more complex if these systems are considered in similar fashion to the licensing process of conventional power plants i.e. the industrial plant to be considered as an integral part of the NPP and undergoes similar licensing process. Few Member States, when coupled

industrial facilities to operating NPPs, considered the licensing process similar to the licensing of any other industrial facilities since the coupling of the two systems does not jeopardize the overall safety of NPPs.

This technical meeting will tackle various aspects of the licensing approaches for nuclear cogeneration facilities, summarize lessons learned of previous experience, and draft best potential recommendations for licensing of such systems. The subject of this meeting has been requested by several participants of other technical meetings on nuclear cogeneration, especially participants from newcomer countries.

B. Objectives

The purpose of this event is to: assess issues related to the coupling of nuclear power plants with other non-electric application plants, such as desalination plants and hydrogen production plants; to collect best practices and procedures for licensing such plants from existing nuclear cogeneration projects and assess available technologies suitable for coupling with nuclear power plants using waste heat; and to evaluate the advantages and disadvantages of coupling schemes, the overall safety and manoeuvrability of cogeneration plants, and cost reduction strategies for such plants.

C. Working Language(s)

The working language of the event will be English with no interpretation provided. All communications, abstracts and papers must be submitted in this language.

D. Expected Output

The expected output of this event is a generic draft report, covering:

1. Mapping potential schemes for licensing nuclear cogeneration systems;
2. Better understanding of the advantages and disadvantages of such schemes and their effects on the deployment of nuclear cogeneration systems during both: retrofitting and new build; and
3. A meeting report summarizing the discussions conducted during the meeting on the topic.

E. Participation and Registration

All persons wishing to participate in the event have to be designated by an IAEA Member State or should be members of organizations that have been invited to attend.

In order to be designated by an IAEA Member State, participants are requested to send the **Participation Form (Form A)** to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) for onward transmission to the IAEA by **16 July 2020**. Participants who are members of an organization invited to attend are requested to send the **Participation Form (Form A)** through their organization to the IAEA by above deadline.

For Member States receiving technical cooperation assistance, applications for financial support should be made at the time of designating the participant.

Designating Governments will be informed in due course of the names of the selected candidates and will at that time be given full details of the procedures to be followed with regard to administrative and financial matters.

Please note that the IAEA is in a transition phase to manage the entire registration process for all regular programme events electronically through the new InTouch+ (<https://intouchplus.iaea.org>) facility, which is the improved and expanded successor to the InTouch platform that has been used in recent years for the IAEA's technical cooperation events. Through InTouch+, prospective participants will be able to apply for events and submit all required documents online. National authorities will be able to use InTouch+ to review and approve these applications. Interested parties that would like to use this new facility should write to: InTouchPlus.Contact-Point@iaea.org.

F. Expenditures and Grants

No registration fee is charged to participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Upon specific request, such assistance may be offered to normally one participant per country, provided that, in the IAEA's view, the participant will make an important contribution to the event.

The application for financial support should be made using the **Grant Application Form (Form C)**, which has to be stamped, signed and submitted by the competent national authority to the IAEA together with the **Participation Form (Form A)** by **16 July 2020**.

It should be noted that compensation is not payable by the IAEA for any damage to or loss of personal property. The IAEA also does not provide health insurance coverage for participants in IAEA events. Arrangements for private insurance coverage on an individual basis should therefore be made. The IAEA will, however, provide insurance coverage for accidents and illnesses that clearly result from any work performed for the IAEA.

G. Venue

The event will begin on **Monday, 1 September 2020**, and will be held at the Vienna International Centre (VIC) where the IAEA's Headquarters are located. Exact details of the venue will follow in direct correspondence between the IAEA organizers and the participants. Participants must make their own travel and accommodation arrangements.

General information on the VIC and other practical details, such as a list of hotels offering a reduced rate for IAEA participants, are listed on the following IAEA web page: <http://www-pub.iaea.org/iaeaevents/GeneralInfo/Guide/VIC>.

Participants are advised to arrive at Checkpoint 1/Gate 1 of the VIC one hour before the start of the event on the first day in order to allow for timely registration. Participants will need to present an official photo identification document in order to be admitted to the VIC premises.

H. Visas

Participants who require a visa to enter Austria should submit the necessary application to the nearest diplomatic or consular representative of Austria at least four weeks before they travel to Austria. Since Austria is a Schengen State, persons requiring a visa will have to apply for a Schengen visa. In States where Austria has no diplomatic mission, visas can be obtained from the consular authority of a Schengen Partner State representing Austria in the country in question.

I. IAEA Contacts

Scientific Secretary:

Mr Ibrahim Khamis

Nuclear Power Technology Development Section
Division of Nuclear Power
Department of Nuclear Energy
International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA

Tel.: +43 1 2600 22822

Fax: +43 1 26007

Email: I.Khamis@iaea.org

Administrative Secretary:

Ms Mercedes Nicole Córdova Jurak

Nuclear Power Technology Development Section
Division of Nuclear Power
Department of Nuclear Energy
International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA

Tel.: +43 1 2600 22815

Fax: +43 1 26007

Email: M.Cordova-Jurak@iaea.org

Subsequent correspondence on scientific matters should be sent to the Scientific Secretary and correspondence on other matters related to the event to the Administrative Secretary.

**IAEA**

International Atomic Energy Agency

Participation Form

Technical Meeting on Potential Schemes for Licensing Nuclear Cogeneration Plants

IAEA Headquarters, Vienna, Austria

1–3 September 2020

To be completed by the participant and sent to the competent official authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA, or National Atomic Energy Authority) of his/her country for subsequent transmission to the International Atomic Energy Agency (IAEA) either by email to: Official.Mail@iaea.org or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretary I.Khamis@iaea.org and to the Administrative Secretary M.Cordova-Jurak@iaea.org.

Please attach a passport copy or other document of identification (ID).

Participants who are members of an invited organization can submit this form to their organization for subsequent transmission to the IAEA.

Deadline for receipt by the IAEA through official channels: 16 July 2020

Family name: (e.g. Smith)		First name(s): (e.g. John)		Mr/Ms
Institution:				
Full address:				
For urgent communications please indicate:		Tel.:		
		Fax:		
		Email:		
Nationality:		Designating Government or organization:		
Mailing address (if different from address indicated above):				
Do you intend to submit a presentation? Yes <input type="checkbox"/> No <input type="checkbox"/>				
Title:				

Grant Application Form

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IAEA Headquarters, Vienna, Austria

1–3 September 2020

To be completed by the applicant and sent to the competent official authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA, or National Atomic Energy Authority) of his/her country for subsequent transmission to the International Atomic Energy Agency (IAEA) either by email to: Official.Mail@iaea.org or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretary I.Khamis@iaea.org and to the Administrative Secretary M.Cordova-Jurak@iaea.org.

Deadline for receipt by the IAEA through official channels: 16 July 2020

Family name: (e.g. Smith)	First name(s): (e.g. John)	Mr/Ms:
Mailing address:	Tel.:	
	Fax:	
	Email:	
Date of birth (yy/mm/dd):	Nationality:	

1. Education (post-secondary):

Name and place of institution	Field of study	Diploma or Degree	Years attended	
			from	to

2. Recent employment record (Starting with your present post):

Name and place of employer/ organization	Title of your position	Type of work	Years worked	
			from	to

3. Description of work performed over the last three years:

4. Institute's/Member State's programme in field of event:

Date: _____ **Signature of applicant:** _____

Date: _____ **Name, signature and stamp of Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority** _____