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Excellence Enhancement Centre

FOR INDIAN POWER SECTOR

(An Initiative of Indo-German Energy Cooperation)

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CERTIFIED
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Ref: EEC/Workshop/127/2026/Nov/159 **Dated: November 13, 2026**

Subject: Workshop on "Flexible Thermal Power Plants: Plant Health Check – Damage Mechanisms, Lifetime Monitoring and Case Studies", 18-19 November 2026

Sir/Madam

The Indo – German Energy Forum Support Office (IGEF-SO) in association with Excellence Enhancement Centre for Indian Power Sector (EEC) and vgbe energy, the European technical association for energy plant operators is organizing a one-and-a-half- day specialized hybrid workshop titled " Plant Health Check – Damage Mechanisms, Lifetime Monitoring and Case Studies" under the activities of IGEF Subgroup - I on " Flexibilisation of Existing Thermal Power Plants."

The workshop will be held in hybrid mode at Eschborn Conference Room, GIZ India Office, B5/2, Safdarjung Enclave, New Delhi-110029.

It is requested that participants from your organization may join the workshop online through the virtual participation link as below:

https://teams.microsoft.com/meet/3901984528074626?p=a6SB96tUs9aFBf3vFK

Meeting ID: 3901984528074626
Passcode: mw3EL7Pn

The workshop program schedule is attached at annexure- A for your reference.

We look forward to your participation and in welcoming your representatives to the workshop.

Regards,

Yours faithfully,

Rajeev Khanna
(Advisor, EEC)

To,

1. CMDs/MDs/ CEOs of All Generating Companies
2. HOP of Generating Station

Copy to:

1. Co- Director, IGEF
2. Dr. Claudia Weise, VGBe

Flexibility Workshop
"Plant Health Check – Damage Mechanisms, Lifetime Monitoring and Case Studies"

Date: 18th and 19th November 2026

Venue: Eschborn Conference Room, GIZ India office, B5/2, Safdarjung Enclave, New Delhi 110029

Day 1 (18 November)

Time	Content	Presenter
14:00 – 14:10	Welcome by IGEF-SO	Mr. Daniel Schuett
14:10 – 14:30	Role of flexible operation in the energy system	Prof. Dr. Claudia Weise
14:30 – 15:00	Damage analysis as a key lever for successful power plant operation	Dr. Christian Ullrich
15:00 – 15:15	Coffee/Tea Break	
15:15 – 15:45	Damage mechanisms (1): High-temperature corrosion	Dr. Christian Ullrich Daniel Berek
15:45 – 16:15	Damage mechanisms (2): Strain induced corrosion cracking	Dr. Christian Ullrich Daniel Berek
16:15 – 16:45	Damage mechanisms (3): Thermal shock	Dr. Christian Ullrich Daniel Berek

Day 2 (19 November)

Time	Content	Presenter
09:30 – 10:00	Damage mechanisms (4): Hot water corrosion	Dr. Christian Ullrich Daniel Berek
10:00 – 10:30	Damage mechanisms (5): Thermal fatigue cracking	Dr. Christian Ullrich Daniel Berek
10:30 – 11:00	Lifetime monitoring in boiler tubes and steam pipes	Dr. Christian Ullrich Daniel Berek
11:00 – 11:15	Coffee/Tea Break	
11:15 – 12:45	Software-based lifetime monitoring in boilers and turbines tubes and steam pipes	Umang Swaroop Siemens/Omterra
12:45 – 13:30	Lunch	
13:30 – 14:15	Importance of water chemistry for flexible plant operation	Dr. Christian Ullrich Daniel Berek

Time	Content	Presenter
14:15 – 15:15	Case Studies	Dr. Christian Ullrich Daniel Berek
15:15 – 15:30	Coffee/Tea Break	
15:30 – 16:00	Lifetime assessment before flexibilization	Prof. Dr. Claudia Weise
16:00 – 16:15	Closing	IGEF-SO and vgbe