

From: Director NPMU {({?&G6? ?(*@?./B.)} <dir.npmu.nsgm@gov.in>

Sent: 06 June 2022 16:20

To: vijay.madan@tsdsi.in; bindoo@tsdsi.in

Cc: Atul Bali <atulbali@powergrid.in>

Subject: Cloud Interoperability for Smart Grids - Way Forward - reg.

Dear Sir/Madam,

As you are aware, a workshop was organized by NSGM jointly with TSDSI on "5G and Cloud Interoperability for Smart Grid" in August 2019 to deliberate on evolving opportunities to leverage emerging technologies in 5G and Cloud for Smart Grids. The workshop was a success and few takeaways were as follows –

- Exploring power sector use cases for testing with CCICI Cloud Interoperability Test Bed (proposed)
- Deep dive workshops on exploring 5G for Smart Grids
- Workshop/deliberations on exploring Cloud Interoperability for Smart Grids as well as experience sharing and learnings

As a follow up, discussions were also held with key stakeholders but the onset of Covid hampered the way forward.

However, noting the launch of RDSS and focus back to cloud based infrastructure, it is quite pertinent to take the deliberations further and evolve a strategy for cloud interoperability in near future.

Considering the background mentioned above, as an immediate step to move further and to develop an action plan, it is requested that TSDSI shall submit a brief report on:

- Present Status of Cloud Infrastructure (esp. in Power Sector), Key players, and Cloud Interoperability issues
- Use Case of Cloud Interoperability in Power/Smart Grid
- Way forward

An urgent action is solicited in this regard.

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सादर,

निदेशक एन.पी.एम.यू. कार्यालय

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