Dear Sir,

As discussed following are the particulars for charging station:

Assumptions:

Number of buses: 100

Bus travelling per day: 250km

Typical Battery Capacity: 250 kWh

Charger capacity: 120 kW

Total downtime: 12 Hrs in 24 Hrs

Number of Charging Station: 5 nos

Total number of chargers: 37 nos

Cost per charger: Rs. 30 Lakh

Area per charging station:

Width: 50 mtrs

Depth: 25 mtrs.

Costing:

Total investment on charging stations: Rs. 23.5 Crore Total investment on chargers: Rs. 15 Crore Expected subsidy: Rs. 2.6 crore (considering Rs. 7Lac/charger) Expected Cost per km: Rs. 26/- (with subsidy)

In case any query please let me know!

regards,

rajesh

--

Dr. Rajesh Kumar Panda

Sr. Engineer, Smart Grid

Power Grid Corporation of India Ltd., Gurgaon [rajeshpanda@powergridindia.com](mailto:rajeshpanda@powergridindia.com), [rajesh.panda43@gmail.com](mailto:rajesh.panda43@gmail.com) Mobile # +91-8800791486, Landline # +91-124-282-3239 [www.powergridindia.com](http://www.powergridindia.com)

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From: Sudeep Patra [sudeep.patra@dimts.in]

Sent: Saturday, November 25, 2017 9:37 AM

To: Dr. Rajesh Kumar Panda {डा॰ राजेश कुमार पांडा}

Subject: RE: POWERGRID Report- EV Charging Infrastructure: reg

Thanks a lot Dr Rajesh

-----Original Message-----

From: Dr. Rajesh Kumar Panda {डा॰ राजेश कुमार पांडा} [<mailto:rajeshpanda@powergridindia.com>]

Sent: 24 November 2017 23:42

To: Sudeep Patra <[sudeep.patra@dimts.in](mailto:sudeep.patra@dimts.in)>

Cc: S.V.P.Selvakumar {एस.वी.पी. सेल्‍वाकुमार} <[victor@powergridindia.com](mailto:victor@powergridindia.com)>

Subject: POWERGRID Report- EV Charging Infrastructure: reg

Dear Sir,

PFA report on "EV Charging Infrastructure".

Regards,

rajesh

--

Dr. Rajesh Kumar Panda

Sr. Engineer, Smart Grid

Power Grid Corporation of India Ltd., Gurgaon [rajeshpanda@powergridindia.com](mailto:rajeshpanda@powergridindia.com), [rajesh.panda43@gmail.com](mailto:rajesh.panda43@gmail.com) Mobile # +91-8800791486, Landline # +91-124-282-3239 [www.powergridindia.com](http://www.powergridindia.com)

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दावात्याग : यह ईमेल पावरग्रिड के दावात्याग नियम व शर्तों द्वारा शासित है जिसे <http://apps.powergridindia.com/Disclaimer.htm> पर देखा जा सकता है।

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