

Paris Session 2022



Charging infrastructure is the main incentive
for the widespread introduction of EV

Study Committee C5

PS3: working with innovation and disruption— preparing for the
future

PS3 Questions 2. What policies are driving innovation across different
jurisdictions when it comes to tariffs, DERs, EVs etc., in markets and how
can they be enhanced to drive more adoption across the board.

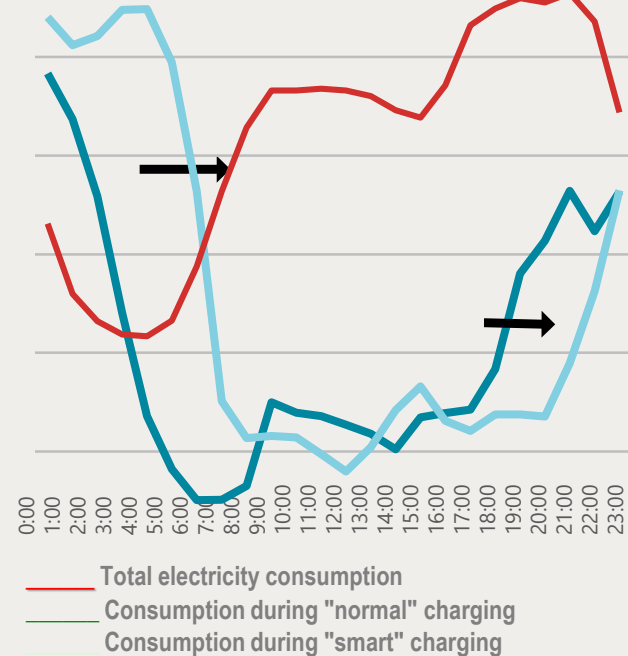
Remizova Tatiana, Russia

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Group Discussion Meeting

The development of electric charging infrastructure (along with its own production of EV and subsidizing their purchase) is the main driver of the spread of EVs in the country

- The growth of the share of electric vehicles should be provided by charging and power grid infrastructure
- The target is 1 charging station for 10 electric vehicles
- To achieve the planned growth of electric vehicles in Russia, it is required to create up to 4 thousand electric filling stations by 2025, changing the power grid infrastructure is not yet required.

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PS3 Questions 2. What policies are driving innovation across different jurisdictions when it comes to tariffs, DERs, EVs etc., in markets and how can they be enhanced to drive more adoption across the board.

Country	Tools to support the development of charging and network infrastructure by the state
China	<ul style="list-style-type: none">➤ Grants to city authorities➤ Public-private partnership➤ Programs of electric grid companies
USA	<ul style="list-style-type: none">➤ Grants to city authorities➤ Public-private partnership
Norway	<ul style="list-style-type: none">➤ Subsidies/tenders for financing infrastructure construction by municipalities
Netherlands	<ul style="list-style-type: none">➤ Subsidies for financing regional and city programs for the development of charging infrastructure
France	<ul style="list-style-type: none">➤ Grants for municipalities to install charging stations

The creation of charging infrastructure should be carried out with the support of the state:

- Without state support, the costs of creating charging stations will be borne by the subjects of the electric power industry, which will lead to an increase in the tariff for electric energy
- In order to develop a network of electric charging stations and prevent tariff increases, it is necessary to subsidize the creation of an charging stations and the use of other support tools

In Russia, the volume of support is several times lower than the volume of demand

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