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The Auxiliary Heating and Current Drive Systems on The Tokamak T-15 Upgrade

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The auxiliary Heating and Current Drive systems of the T-15upgrade tokamak are presented. The NBI system will consist of three hydrogen NB injectors 6 MW total power at pulse duration up to 30 s. The ECRH and CD system will consist of 7 gyrotrons 6 MW total RF launched power at pulse duration up to 30 s. The LHH and CD system will be able to launch 4 MW RF power with 30 s duration.

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Author: Dr ROY, Igor (Institute of Tokamak Physics, National Research Centre Kurchatov Institute)

Co-authors: Dr BARSUKOV, Alexander (Institute of Tokamak Physics, National Research Centre Kurchatov Institute); Dr PANASENKOV, Alexander (Institute of Tokamak Physics, National Research Centre Kurchatov Institute); Dr SAVELIEV, Alexander (Ioffe Physical Technical Institute); Dr SIDOROV, Anton (Ioffe Physical Technical Institute); Prof. GUSAKOV, Evgeniy (Ioffe Physical Technical Institute); Dr TILININ, Gennady (Institute of Tokamak Physics, National Research Centre Kurchatov Institute); Mr ANASHKIN, Igor (Institute of Tokamak Physics, National Research Centre Kurchatov Institute); Dr IRZAK, Michail (Ioffe Physical Technical Institute); Dr SHCHERBININ, Oleg (Ioffe Physical Technical Institute); Dr KHVOSTENKO, Peter (Institute of Tokamak Physics, National Research Centre Kurchatov Institute); Dr KHITROV, Sergey (Ioffe Physical Technical Institute); Dr DYACHENKO, Valerij (Ioffe Physical Technical Institute)

Presenter: Dr ROY, Igor (Institute of Tokamak Physics, National Research Centre Kurchatov Institute)

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