

Recent activities of superconducting power application in Japan

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Abstract - FY2000, Japanese government has started three new projects on superconductive power application. Two are succeeding projects of flywheel energy storage and superconducting generator. The other one is fully new project on ac application of superconductivity. Therefore, there are four national projects in Japan on power application of superconductivity, including SMES project.

Though each project will be reviewed in detail in my talk, outlines are as follows:

SMES: FY1999-FY2003, carried by ISTEK

Superconducting generator: FY2000-FY2003, carried by Super-GM

AC application: FY2000-FY2004, carried by Super-GM

Flywheel energy storage: FY2000-FY2004 carried by ISTEK