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The Probabilistic Future of the Icelandic Control Room

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Short-term scheduling and real-time control of the power system is about managing risk, of ensuring a high reliability of the grid and preparing for the unexpected. Landsnet contributed to the collaborative R&D project GARPUR, cofunded by the European Commission. The GARPUR project designed, developed, assessed and evaluated a new probabilistic reliability criteria. Landsnet's main focus was on system operation and the implementation of the new criteria in real-time operation and performed pilot tests in real life context. The GARPUR project finished in late 2017 and Landsnet has continued to explore the practical application of the methodology in the control room.