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## Management of Wind Farms in a Hydro-based System

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### Abstract

Hydro-Québec is counting on the complementary development of hydro and wind energy projects and has made this a major development direction for the coming years. An international leader in the generation and transmission of electricity, Hydro-Québec is banking on technological innovation to become a world reference on the integration of wind energy in large-scale power systems. Mr. Jacques G. Martel, Managing Director of Hydro-Québec's research institute, will present an overview of this major project, the associated challenges, and how Hydro-Québec intends to realize its ambition of becoming a reference in this field.