TORONTO — The Independent Electricity System Operator says wind output in Ontario reached new highs this week.

Electricity generation from Ontario's commercial wind farms hit 24,022 megawatt hours on Wednesday.

Wind power provided almost six per cent of the province's electricity needs and powered nearly 900,000 homes on Wednesday.

Spokesman Bruce Campbell says wind power is an important contributor to Ontario's supply mix.

On Oct. 26, wind generators produced 1,056 megawatts of electricity -- a new record for hourly output.

The IESO says that represents a capacity factor of 91 per cent and is more power than is produced by a large nuclear generator.