

SVENSK POLITIK

Nuclear power park planned outside Nyköping

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Klimat- och miljöminister Romina Pourmokhtari (L). Foto: Roger Turesson

A park with smaller nuclear reactors, SMR, is planned outside Nyköping. The idea is that the reactors will be able to supply electricity in the early 2030s.

The announcement is welcomed by Minister of Climate and Environment Romina Pourmokhtari (L).

The company Kärnfull Next is currently investigating the possibilities for commercial nuclear energy in Studsvik's industrial area and preliminary results show good conditions.

"The Studsvik area seems well suited to become

Sweden's first new facility outside the existing three," says the company's CEO Christian Sjölander, according to a press release.

Small modular reactors, SMRs, have an output of up to about 300 megawatts (MW), compared to Sweden's most powerful reactor, Oskarshamn 3, which is 1,400 MW.

The Tidö parties want to see more nuclear power and the government has proposed that the ceiling for ten nuclear reactors in the country and the geographical restriction be removed from spring 2024. Pourmokhtari has previously said that at least ten are needed reactors for the next 20 years.

"We need a doubling of our electricity production if the industrial and transport sectors are to cope with their transition. I hear every day from individual actors that they can reduce their emissions sharply if they only have access to clean electricity, says Romina Pourmokhtari to DN.

These are projects that can take ten years – how will the electricity issue be solved until then?

"This is the case when it comes to infrastructure, and there are also long time horizons for offshore wind turbines. But SMR reactors in particular do not take as long to set up as a conventional nuclear power plant, says the minister.

A number of small reactors are planned in the area and a decision on financing is expected in the second half of 2024. Then you can also start by applying for a permit, but that process alone can take several years.

The company Studsvik is positive about the collaboration with Kärnfull Next, but is clear that the feasibility study is not complete.

"It is currently too early to say what this may mean for Studsvik, as the conditions have not yet been fully investigated and there are many years left until a possible establishment of an SMR in the Studsvik area", comments Camilla Hoflund, CEO of Studsvik.

Facts. Nuclear power in Sweden

- Today, six nuclear power reactors are in operation in Forsmark, Oskarshamn and Ringhals. Together they account for about 30 percent of the country's electricity production.
- According to the Tidö agreement, it will be allowed to build more and new reactors, also in other locations.
- The coalition behind the agreement (M, KD, SD, L) also wants to make investments in nuclear power profitable through comprehensive credit guarantees and introduce pricing in the electricity market that favors nuclear power.

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