

# Swiss to vote on gradual nuclear phaseout, energy makeover

May 21 2017, by Nina Larson

---



Switzerland could gradually replace the power from its ageing nuclear reactors with renewable sources

The Swiss will vote in a referendum Sunday on a planned overhaul of the country's energy system by gradually replacing the power from its ageing nuclear reactors with renewable sources.

The new energy strategy has been in the making since shortly after

Japan's Fukushima nuclear plant was destroyed in the March 2011 tsunami disaster, when the Swiss government decided to gradually close its [nuclear plants](#).

Instead, it aims to increase reliance on hydroelectric power as well as renewables like solar, wind, geothermal and biomass.

Early polls indicated broad support for the plan, but the most recent survey, published on May 10, showed the "yes" side slipping to 56 percent—a drop of five points from late March.

According to the latest poll, 37 percent of those questioned meanwhile planned to vote "no" to the new law, up from just 30 percent previously.

Voting stations open at different times across Switzerland, but will all close by noon (1000 GMT) Sunday.

Most Swiss voters meanwhile have already cast their ballots by post in the weeks leading up to the referendum, which is part of the country's famous system of direct democracy.

The government's 2050 energy strategy aims to decommission Switzerland's five ageing reactors, which today produce around a third of the country's electricity, as they reach the end of their safe operational lifespan.

But since all of Switzerland's nuclear plants have open-ended operating licences, there is no clear cut-off date determining when they should be shut down.

Last November, Swiss voters rejected a call to speed up the phaseout of the plants, which wanted to limit their operational lifespan to 45 years, in a move that would have forced three of the five reactors to close this

year.

## 'Cold shower'?

While the new energy plan does not contain a clear timetable for the nuclear phaseout, it does contain ambitious targets for reducing energy consumption and for improving energy efficacy.

Compared to levels seen in 2000, it aims to cut the average [energy consumption](#) per person per year by 16 percent by 2020 and by 43 percent by 2035.

It also calls for a rapid increase in the use of renewable power sources.

The Swiss parliament supports the new law, with the exception of the country's largest political party, the populist Swiss People's Party (SVP), which requested Sunday's referendum.

SVP maintains the energy shift would be too expensive, would threaten Switzerland's energy supply and would "disfigure" the country's pristine natural landscape with more wind turbines and solar panels.

The party has campaigned heavily against the plan, maintaining that it would cost around 200 billion Swiss francs (\$205 billion, 179 billion euros) to implement until 2050.

This, it claims in campaign posters plastered around the country, would amount to 3,200 Swiss francs per four-person household per year in additional energy costs and taxes, with no guarantee of hot water.

"Who wants to pay 3,200 francs more... for a cold shower?" the posters ask.

The government has rejected that claim, maintaining that the additional cost per household would be about 40 Swiss francs per year compared to today's prices.

And it has stressed that this cost could easily be offset by improving [energy](#) efficiency in buildings, which reduces heating costs.

© 2017 AFP

Citation: Swiss to vote on gradual nuclear phaseout, energy makeover (2017, May 21) retrieved 20 April 2024 from <https://phys.org/news/2017-05-swiss-vote-gradual-nuclear-phaseout.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.