

Klimatavdelningen

Konfidentialitet
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Knowledge exchange on rooftop solar PV

Thank you for your questions to the Swedish Energy Agency.

First, the requirements regarding that local government need to create external companies to manage their own and local electricity production. However, for the installation of PV on local government they need to address public procurement. More information could be found through the Swedish Association of Local Authorities and Regions (SKR) [Solenergi - möjligheter för offentliga lokaler | SKR](#).

1 Are local governments in Sweden able to install photovoltaic installations or other renewable energy installations on their buildings for the purpose of self-consumption of the produced electricity?

Yes, there are already PV installations on several public building connected municipalities and county councils in Sweden. See for example (unfortunately in Swedish):

- [Producera förnybar el | Klimatkommunerna](#)
- [Solceller, tio inspirerande exempel | Offentliga fastigheter | SKR](#)

2 If the answer to questions 1 is yes; are there any special rules/limitations/requirements or other conditions for local governments renewable energy installations on their buildings for the purpose of self-consumption in Sweden that would not apply to comparable private installations?

No, as for other buildings, building and construction permits applies. However, there are differences in tax rules. Public buildings that are managed by local government exempted from VAT can invest in a solar cell plant for their own consumption and also sell the excess electricity. If part of

the activity is not VAT, they must register the business for VAT. Sale of surplus electricity is counted as such a taxable activity and must be included in the amount. More information about current rules we direct to [the Swedish Tax Agency](#).

3 If the answer to questions 2 is yes; what are these special rules/limitations/requirements or other conditions for local governments?

See answer on question 2 regarding VAT.

4 Are there any general rules/limitations/requirements or other conditions for renewable energy installations on buildings for the purpose of self-consumption in Sweden that would also apply to local governments?

Upcoming rules to be implemented through revised Energy Performance of Buildings Directive (EPBD) will set standards also applied on local governments. As it aims towards increased deployment of solar technologies on all new buildings and certain existing non-residential buildings where technically and economically feasible, and ensuring that new buildings are solar-ready (fit to host solar installations). There is an ongoing [government assignment](#) given to the Swedish National Board of Housing, Building and Planning looking at how the implementation should be done in Sweden.

5 If the answer to question 4 is yes; what are these general rules/limitations/requirements or other conditions?"

In summary, there is no specific rules applied to renewable energy installations on buildings connected to local government. Building, tax and upcoming EU-directive is applied for such buildings as well as for other types of buildings and actors.

This answer has been formulated by analyst Elin Larsson and coordinated with the unit manager Fredrik Svartengren.

Detta beslut är elektroniskt signerat i Energimyndighetens ärendehanteringssystem och saknar därför underskrift

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Emne: AW: Voluntary industry agreements to promote biodiversity when establishing RE

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Lieber Herr Aagard,

es war schön, Sie gestern bei der Konferenz in der dänischen Botschaft persönlich kennenzulernen!

Untenstehend schicke ich Ihnen in Rot unsere Antworten auf die Anfrage der dänischen Energieagentur zum PV-Ausbau auf Dächern. Bezüglich der Anfrage zu Biodiversität in Verbindung mit dem Ausbau von erneuerbare Energien bitte ich noch um etwas Geduld.

Answers by the Federal Ministry for Economic Affairs and Climate Action to the Danish Energy Agency's inquiry regarding rooftop PV:

1. Are local governments in Germany able to install photovoltaic installations or other renewable energy installations on their buildings for the purpose of self-consumption of the produced electricity?

Yes

2. If the answer to questions 1 is yes; are there any special rules/limitations/requirements or other conditions for local governments renewable energy installations on their buildings for the purpose of self-consumption in Germany that would not apply to comparable private installations?

No (federal level), local governments: unclear

3. If the answer to questions 2 is yes; what are these special rules/limitations/requirements or other conditions for local governments?

4. Are there any general rules/limitations/requirements or other conditions for renewable energy installations on buildings for the purpose of self-consumption in Germany that would also apply to local governments?

Yes

5. If the answer to question 4 is yes; what are these general rules/limitations/requirements or other conditions?"

In Germany self-consumption is the electricity that is produced and consumed at the same time (no "net metering") by the same natural or legal person and consumed without use of the public grid. The self-consumption of renewable energy is subject to several privileges under German law (in transposition of EU law requirements), i.e. regarding certain notification obligations or energy tax.

Mit freundlichen Grüßen
im Auftrag
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