

Application of connection of Type A power-generating facility to the low-voltage network

Application of connection of Type A power-generating facility to the low-voltage network (attached to pre-registration)

The pre-registration concerns a Type A power-generating facility which must meet all requirements of Commission Regulation (EU) 2016/631 establishing a network code on requirements for grid connection of generators, as well as the related Swedish regulation EIFS 2018:2 establishing generally applicable requirements for grid connection of generators. It is the facility owner's responsibility to ensure that the power-generating facility meets these requirements. Waiting for updated regulations the same rules shall be applied to energy storages.

A Type A power-generating facility is a facility with a maximum continuous capacity of between 0.8 kW and 1500 kW.

The grid operator is entitled to require a Type A power-generating facility owner to undertake compliance tests and simulations according to a repeat plan or general scheme or after any failure, modification or replacement of any equipment that may have an impact on the power-generating facility's compliance with the requirements of the above Regulation.

The power-generating facility owner may rely upon equipment certificates issued by an authorized certifier to demonstrate compliance with the above requirements.

The attached pages with questions must be completed and signed by the responsible registered electrical installation company and by the facility owner, and attached to the notification.

The application concerns an addition/change to an existing production and/or energy storage facility

Fill in information about how the total facility will be designed after addition/change

Information on existing consumption facility

Name

Mobile number

Facility address

Facility-ID

Electrical meter fuse – existing

Electrical meter fuse – desired

Information on existing consumption facility

Power source:

Wind

Sun, panel power _____ kW

Water

Biofuel

Battery _____ kWh

Vehicle battery _____ kWh

Supplemented with battery _____ kWh

Make and type designation (inverter)

Number of inverters (qty)

Total rated power (inverters) (kVA/kW)

Total desired agreed input power (kVA/kW)

Total capacity of any battery (kWh)

Maximum short-circuit current (A)

Power factor (cos φ)

The facility can be used for back-up power (island operation)

Connection:

Single phase

Three-phase*

*Three-phase connection is always recommended, single-phase connection should not exceed 3 kW

Is the inverter listed on "Rikta rätt" (Reviewed by Swedenergy)?

Yes

No

| If the answer is No, ALP Appendix 1 must also be filled in.

The power-generating facility is designed as a fixed connection on a dedicated final circuit

Switching devices for the power-generating facility are accessible for the grid

Indoors in the basement

Indoors in the distribution board

Outdoors in façade cabinets

We hereby certify that the above information is correct

Facility owners signature

Signature

Name

Telephone

Signature

Name

Registered electrical installation company

Telephone

The signed application can be scanned or photographed and attached to the pre-registration digitally.