



Steps for Interconnection with Cedar Falls Utilities (CFU)

- 1) Complete and submit Application for Energy Exchange (attached) accompanied with the following supporting documentation:
 - One-line wiring diagram
 - Spec sheet for the inverter
 - Site sketch
- 2) CFU Engineering reviews and approves request by sending a signed copy of the application back to you.
- 3) Complete the installation with appropriate City of Cedar Falls permits and inspections (<https://www.cf1stop.com/>).
- 4) After installation is complete, schedule a witness test and meter installation by contacting CFU Energy Services at energyservices@cfunet.net or 319-268-5273.
- 5) Enjoy your new renewable energy system.

Please contact CFU Energy Services Department with questions.

energyservices@cfunet.net

319-266-1761



Application for Energy Exchange

Please submit all documents to:
energyservices@cfunet.net
or mail to 1 Utility Pkwy, PO Box 769, Cedar Falls, IA 50613

Connecting Party Information

Customer Name: _____ Utility Account Number: _____

Installation Address: _____

Phone: _____ Email: _____

I certify the information in all submitted documents is accurate to the best of my knowledge. I understand that if I add more panels, inverters, or batteries to this existing installation, I will need to submit an updated application to CFU. I understand and agree with the Energy Exchange Obligations and Terms (pages 31-32 in the [Electric Rate Schedule](#)).

Signature: _____ Date: _____

Consulting Engineer or Contractor Information

Representative Name: _____ Company Name: _____

Mailing Address: _____

Phone: _____ Email: _____

I certify the information in all submitted documents is accurate to the best of my knowledge.

Signature: _____ Date: _____

Overall System Information

What type of system will be installed? Solar Wind Stored Energy (e.g. Tesla Powerwall)

Will a transfer switch be installed? Yes No

Maximum power output (AC): _____ kW Maximum energy storage (if applicable): _____ kWh

Does this system meet all applicable Standards and Codes (IEEE1547, IEEE 1547.1, UL, NEC, etc.)? Yes No

Estimated in-service date: _____

Once installation is complete and before operation:

Schedule a witness test and meter installation by contacting CFU Energy Services at energyservices@cfunet.net or 319-268-5273.

For CFU Use Only

Contingent Approval to Interconnect the Generating Facility

Interconnection of the generating facility is approved contingent upon the Energy Exchange Obligations and Terms and upon a successful witness test.

CFU Engineering Approval: _____ Date: _____

Solar Panel Information

Panel Manufacturer: _____ Panel Model Number: _____

Total kW (DC) of array: _____ kW

Location: Ground Mount Roof Mount

Inverter Information

Inverter Manufacturer: _____ Inverter Model Number: _____

Type: Synchronous Induction Inverter Other: _____

Phase: Single Phase Three Phase

Rating: _____ kW (AC)

Rating: _____ kW (DC)

Rating: _____ kVA

Rated Voltage: _____ Volts

Rated Output: _____ VA

Rated Current: _____ Amps

Rated Frequency: _____ Hertz

Power Factor: _____

Efficiency: _____

Max Fault Current: _____ Amps

THD: _____

Stored Energy Information

Battery Manufacturer: _____ Battery Model Name/Number: _____

Maximum power output (AC): _____ kW Maximum energy storage: _____ kWh

Location of transfer switch: Integrated with inverter External

Number of battery units: _____

Wind System Information

Turbine Manufacturer: _____ Turbine Model Number: _____

Total kW (DC) of turbine: _____ kW

Required Supporting Documentation

Submit the following documents with this application:

- One-line wiring diagram
- Spec sheet for the inverter
- Site sketch