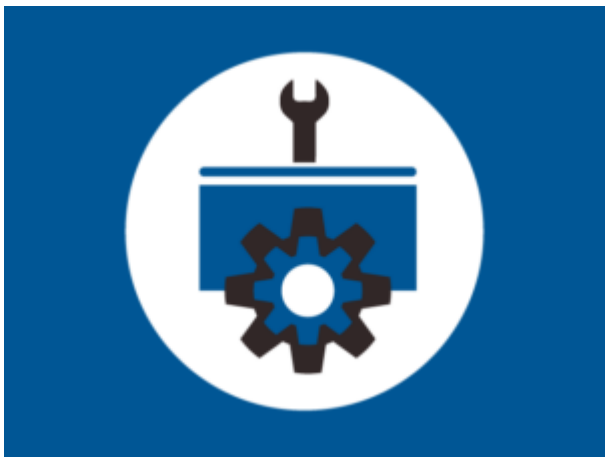
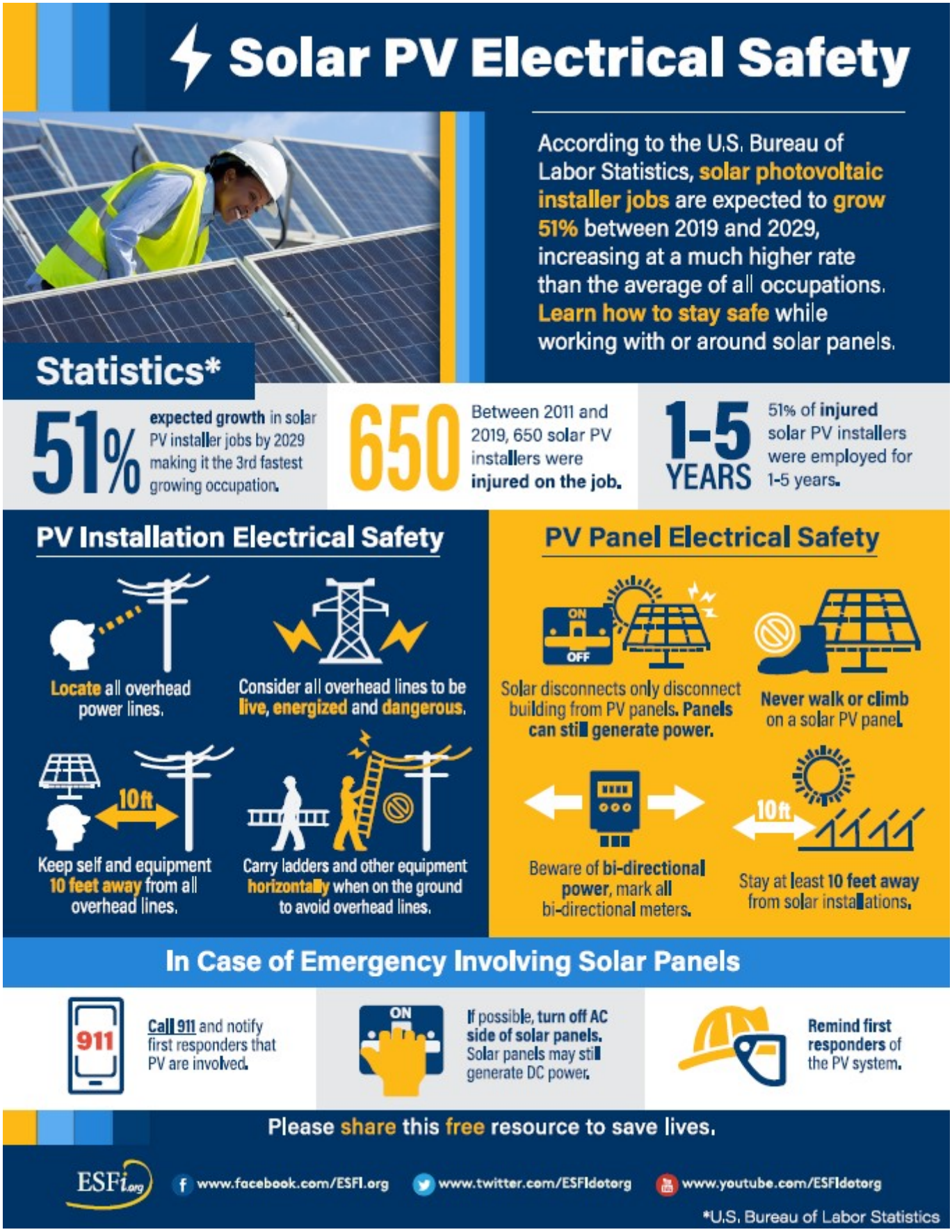
Solar PV Electrical Safety Infographic





According to the U.S. Bureau of Labor Statistics, solar photovoltaic (PV) installer jobs are expected to grow 51% between 2019 and 2029, increasing at a much higher rate than the average of all occupations. Learn how to stay safe while working with or around solar panels.

Statistics

- 51% expected growth in solar PV installer jobs by 2029, making it the 3rd fastest growing occupation
- Between 2011 and 2019, 650 solar PV installers were injured on the job
- 51% of injured solar PV installers were on the job for 1-5 years

PV Installation Electrical Safety

- Locate all overhead power lines
- Consider all overhead lines to be live, energized, and dangerous
- Keep yourself and equipment 10 feet away from all overhead power lines
- Carry ladders and other equipment horizontally when on the ground to avoid overhead power lines

PV Panel Electrical Safety

- Solar disconnects only disconnect buildings from PV panels. Panels can still generate power
- Never walk or climb on a solar PV panel
- Beware of bi-directional power, mark all bi-directional meters
- Stay at least 10 feet away from solar installations

In Case of Emergency Involving Solar Panels

- Call 911 and notify first responders that PVs are involved
- If possible, turn off the AC side of solar panels. Solar panels may still generate DC power
- Remind first responders of PV systems

Source: *Republished with permission from Electrical Safety Foundation International (ESFI)*