

FLORIDA POWER & LIGHT COMPANY

Solar Competition and EnergyWhiz Expo

As the state's largest producer of solar power, Florida Power & Light Company is committed to advancing solar energy affordably and responsibly for its customers now and in the future. That's why the company is partnering with the Florida Solar Energy Center (FSEC) to host a solar expo and competition, creating an environment for the next generation of engineers to demonstrate their science, technology, engineering, art and mathematics (STEAM) skills. Students from DeSoto, Charlotte, Manatee and Sarasota counties are invited to compete for prizes in the middle of the new FPL Manatee Solar Energy Center, 762 acres filled with more than 338,000 solar panels.

Monday, Feb. 20, 2017 | 9 a.m. – 3 p.m.

FPL MANATEE SOLAR ENERGY CENTER | 10870 CORBETT JOHN ROAD, PARRISH, FL 34219

Junior Solar Sprint

GRADES 4-8

Each team produces a model-sized solar-powered car that is judged on technology, craftsmanship, innovation and performance.

Teams of 2-3 students

2 divisions
(Elementary and Middle School)



Solar Cook-off

GRADES K-12

Combines engineering, construction and culinary arts. Students design, build and then use their cooker to produce an original dish.

Teams of 2-5 students

3 divisions
(Elementary, Middle and High School)



Solar Energy Innovation

GRADES 9-12

Student teams design, engineer and market full-scale, solar-powered devices that have real world applicability

Teams of 2-6 students

1 division
(High School)



TEACHERS SOLAR WORKSHOP

Saturday, Jan. 14, 2017 | 9 a.m. – 3 p.m.

GIRL SCOUT GULF COAST EVENT AND CONFERENCE CENTER | 4740 CATTLEMEN ROAD, SARASOTA, FL 34233

FPL is sponsoring a workshop and it's all about solar! This six-hour, hands-on workshop provides teachers with the know-how to facilitate solar projects with their students in preparation for the Junior Solar Sprint, Solar Energy Cook-off and/or Solar Energy Innovations competitions. In addition to learning about photovoltaics and solar thermal technology, teachers will work in teams to design and build solar projects that can be replicated in their classrooms.

Workshop Registration

www.fsec.ucf.edu/go/professionaldevelopment

FPL Competition Info

www.fsec.ucf.edu/go/fplexpo

