



POWER PLAYSM

PRESENTED BY



Raytheon
Technologies

For engineers, creators, and inventors, energy choice is a balancing act. While participating in POWERPLAYSM presented by Raytheon Technologies, teams must focus on making the right energy decisions and find innovative ways to unlock their robot's full potential as they race to build and complete circuits—testing the limits of power, performance, energy, and endurance.



FIRST SM

PRESENTED BY **Qualcomm**

firstinspires.org/robotics/ftc

GAMEPLAY



- **0:30 Autonomous:**

Robots operate using only pre-programmed instructions and sensor inputs to secure junctions, navigate to alliance substations and terminals, and earning bonuses by parking completely in a signal zone.

- **2:00 Driver-Controlled:**

Controlled by their human players, robots earn points by scoring cones in terminals, and securing cones on ground, low, medium, and high junctions.

- **0:30 End Game:**

In the final 30 seconds of the game, robots race to complete a circuit, park in a terminal, and convey junction ownership by scoring cones or capping beacons.

