smart energy
by connectivity standards alliance

Building Zigbee Smart Energy Devices

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Your specific product implementation

smart energy profile

Smart Energy device profile defines types, attributes, commands, and behavior to support energy functions

Zigbee PRO

Zigbee PRO Network Stack delivers connectivity and enables features for the product

802.15.4

IEEE 802.15.4 physical radio and MAC layer drives communication over low-rate wireless network (represented by silicon chip from your selected vendor)

1 **Device Type**
Determine the device type you are looking to build defined by the Smart Energy specification

2 **Device Profile**
Implement mandatory and/or optional clusters for your device type

3 **Security**
Implement support for CBKE

4 **Test Lab**
Work with an Alliance Authorized Test Lab to certify your Smart Energy product

5 **Alliance Certificate**
Apply for and receive Alliance certificate for your product

6 **Certicom Certificate**
Present proof of Alliance certification to receive certificate used during CBKE from Certicom