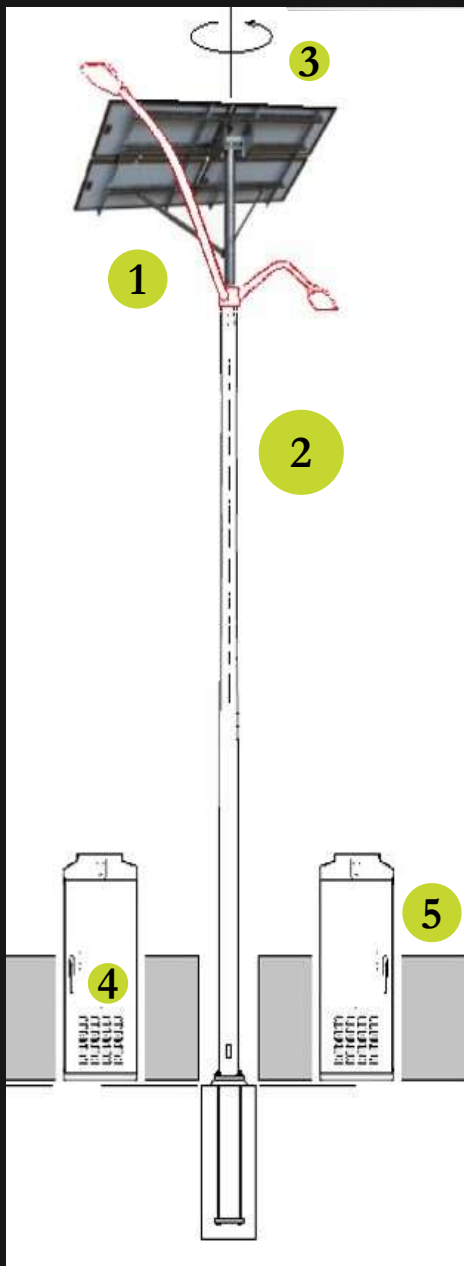


Off-Grid Solar Lighting Project

by: Andy Liao, District 7 Project Management
Yi Tsau, District 7 Traffic Design (Electrical)




Innovation Highlights

- 1 Bifacial Solar Panels

Up to **30%**
More Energy Production

- 2 Universal Pole & Solar Panel Mounting Design

Owned by Caltrans

- 3 Smart System


Remote Data
Collection & Monitor

- 4 Tamper Resistant Locking Mechanism



- 5 Uses No Sole-Source Components

Lower Price
Easier to Maintain