

PG&E LED Streetlight Turnkey Program

Customer Orientation –

Customer Energy Solutions
Pacific Gas and Electric Company

January 2014





A Picture is Worth...



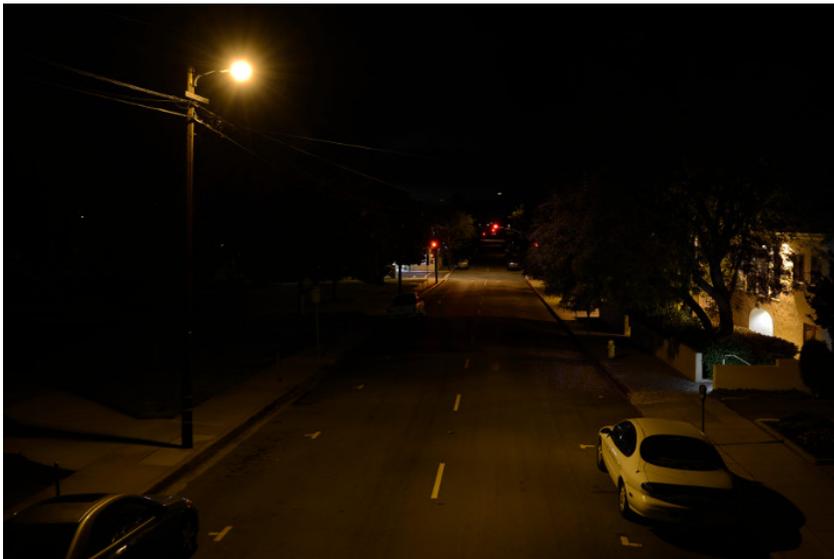
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...a Thousand Words





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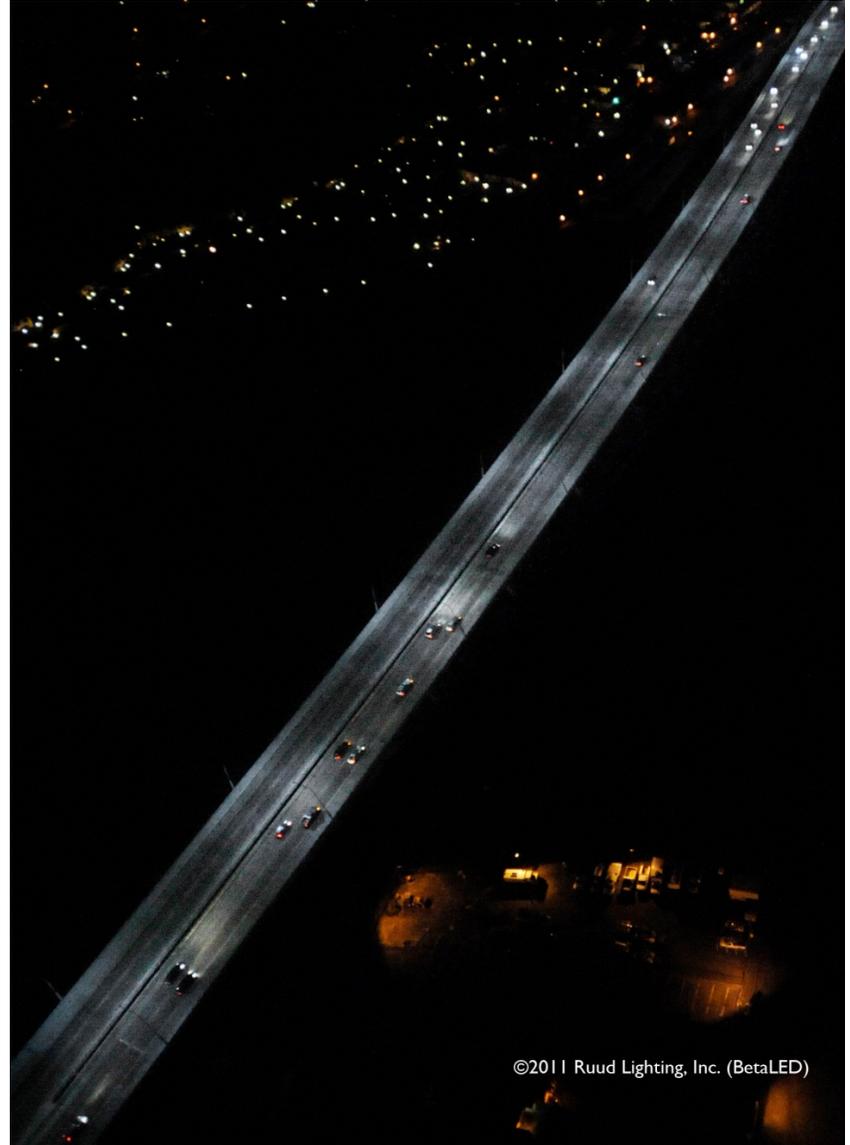
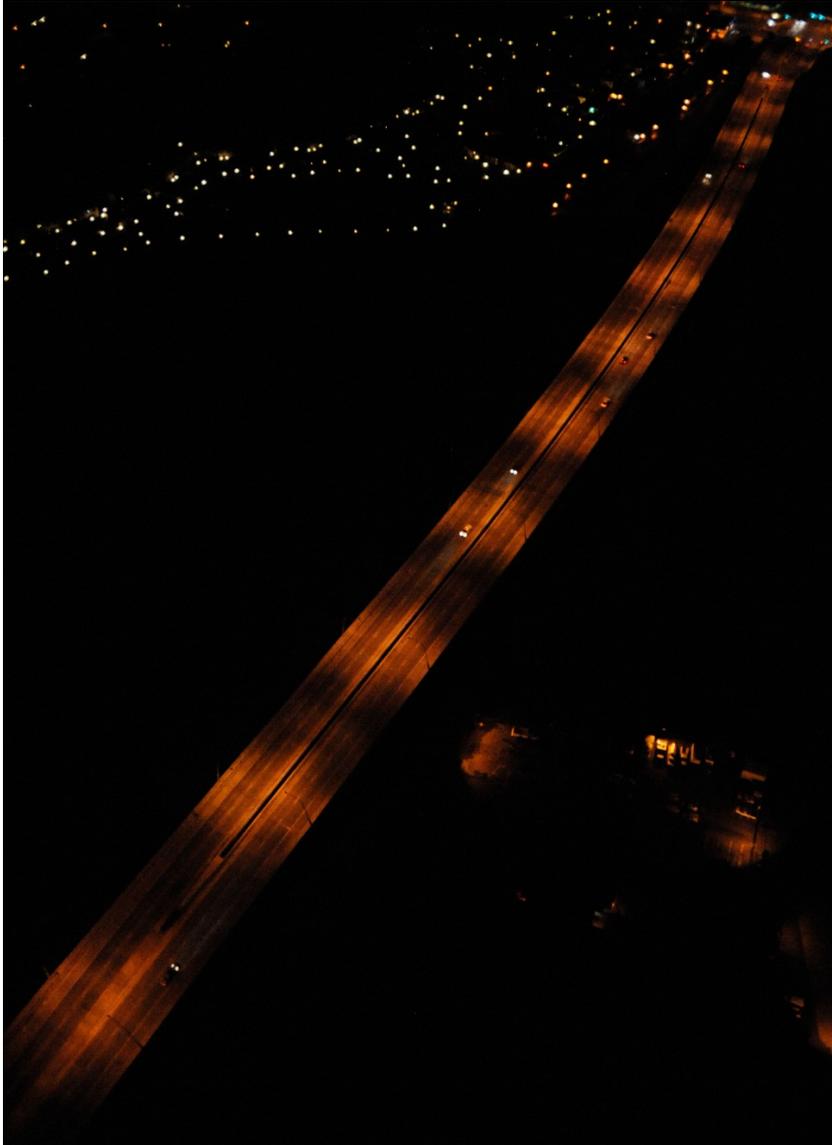
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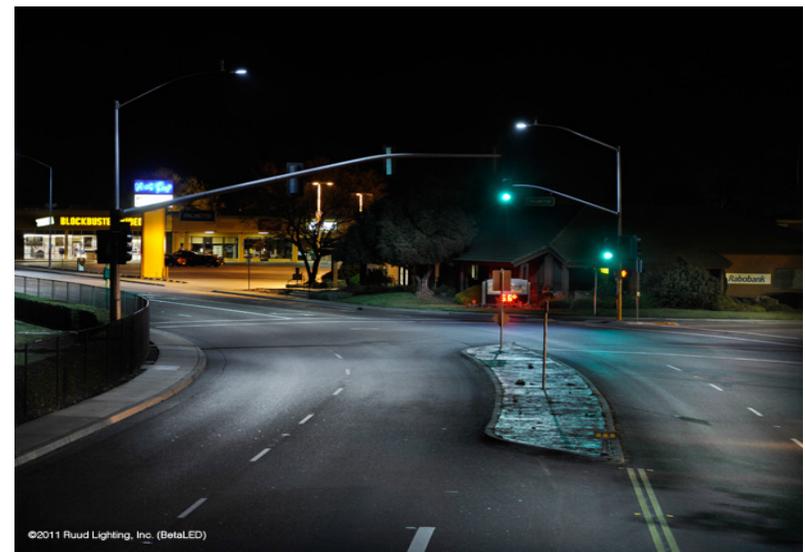


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Benefits

- **Mainstream Acceptance**
- **Improved Night Visibility**
- **Lower Energy Consumption**
- **Significantly Longer Lifespan**
- **Reduced Maintenance Costs**
- **Lower Environmental Footprint**
- **Instant-on with No Run-up or Re-strike Relays**
- **RoHS Compliance**
- **Less Attractive to Nocturnal Insects**
- **Easy to Design Non-glare Lighting Equipment**
- **If Financed, Paid from Energy Savings**



Turnkey Scope of Work

Design: PG&E consults on the LED lighting selection as well as the optimal scope of the project

Purchasing: All purchased fixtures meet PG&E's high standards of quality, are competitively priced and qualify for rebates

Construction/Installation: A competitive bid process is utilized, work is completed in 90-120 days and union or union friendly contractors are used to assure prevailing wages

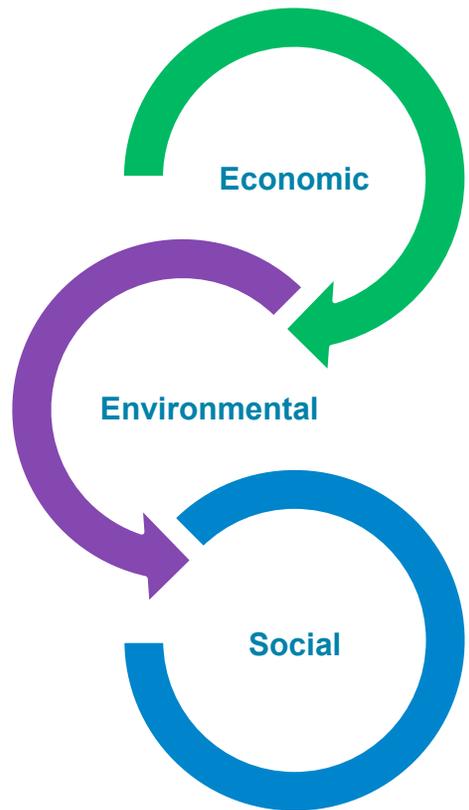
Quality Control: A PG&E inspector and PG&E trained subcontractors are utilized; 10 year manufacturer's warranty and 1 year guarantee of PG&E workmanship

Disposal: PG&E takes care of disposing/recycling existing lights

Administration: PG&E manages all aspects of the project from solicitation of material and contractor bids to installation and rebate applications, tagging, GIS data as well as rate change processing



Triple Bottom Line



Economic

- 2/3 reduction in bill
- Rebate
- Aligned with Fiscal Health & Sustainability Goals

Environmental

- Reduced energy use
- Reduced carbon footprint
- Aligned with Night Sky Ordinance & Climate Action Plan

Social

- Better clarity & color distinction
- Increased reliability