# **Interconnection Process at SDG&E**



Ken Parks, Customer Generation Manager



# Making Things Easy for Our Customers

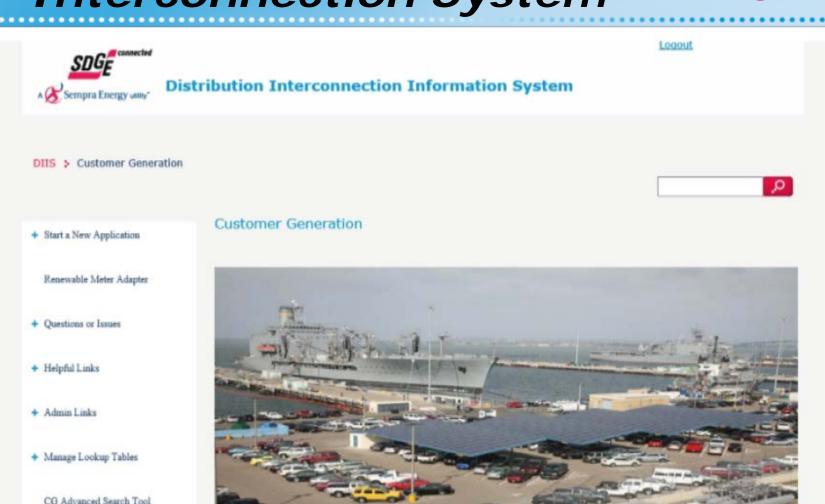


- Distribution Interconnection Information System (DIIS)
  - Transparency/efficiency
  - Viewed by stakeholders as best-in-class
- FastTrack Interconnection Process
  - Environmentally friendly lower carbon footprint
  - One of the quickest in the state
- Automated Online Payments
  - Flexibility
  - Convenience
- Automated authority having jurisdiction electrical release process

# Distribution Interconnection System

+ Reverse Power Flow





**Issued US Patent - April 2017** 

#### **DIIS Features and Benefits**



#### **Features**

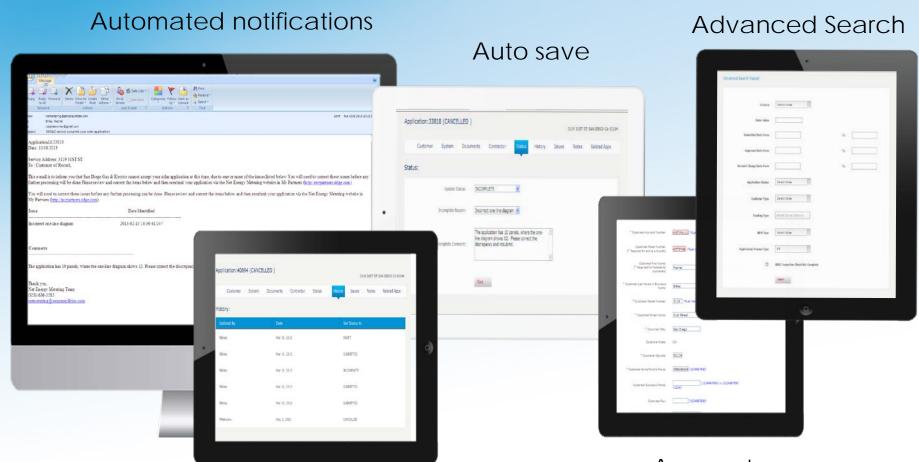
- DIIS was launched in 2013
- Key: Transparency
  - Efficiency
  - Customer Experience
- Empowers contractors to manage their own business through self-service tools and monitor every milestone within SDG&E's control

#### **Benefits**

- Over 130,000 applications processed
- Nearly 80,000 through Fast Track process – Currently 79%
- Average approval time is three days
- Nearly ½ million avoided miles driven thanks to Fast Track

## DIIS Capabilities Overview





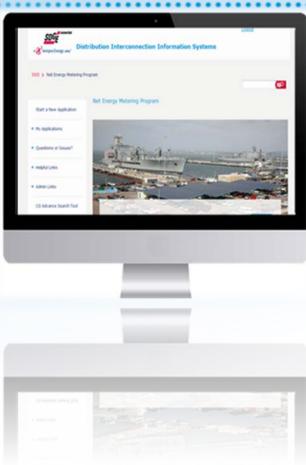
History tracking

Account Verification

# Continuous Improvement Many Enhancements to Date

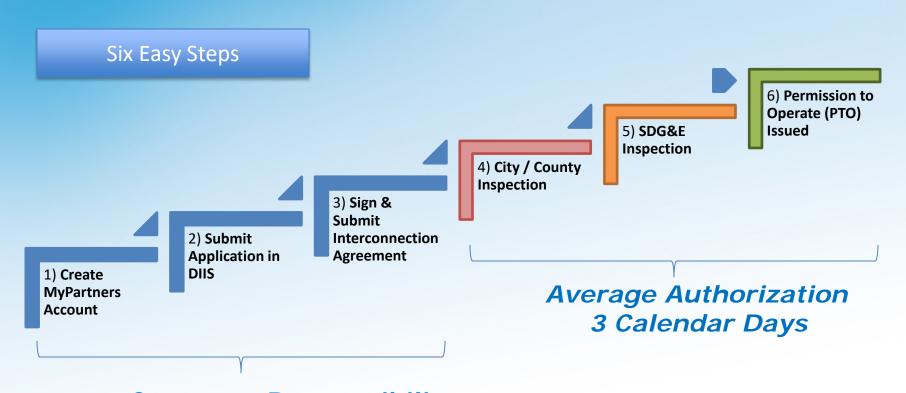


- GoSolar website reader for inverters/modules
- Remote Meter Configuration (RMC)
- CPUC mandated fields
- Transformer loading
- NEM paired with storage
- Digital signatures >30kW
- Automated approvals
- NEM-Successor Tariff
- PayPal/Braintree integration
- City electrical inspection releases
- Standard Rule 21 Application Fully automated
- Backup generator tracking



# Automated Application Process



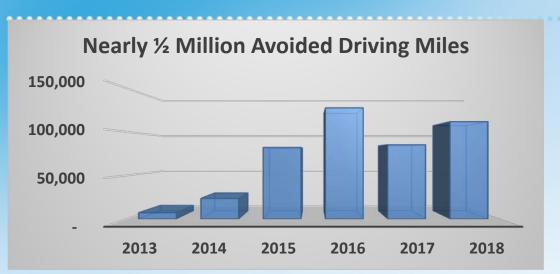


Customer Responsibility

SDG&E's automated process has eliminated many of the administrative type application deficiencies that existed prior to its implementation.

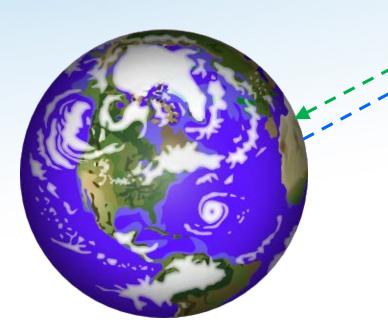
### Fast Track

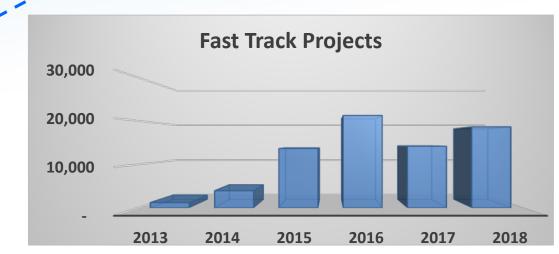






Nearly 500,000 Avoided Miles





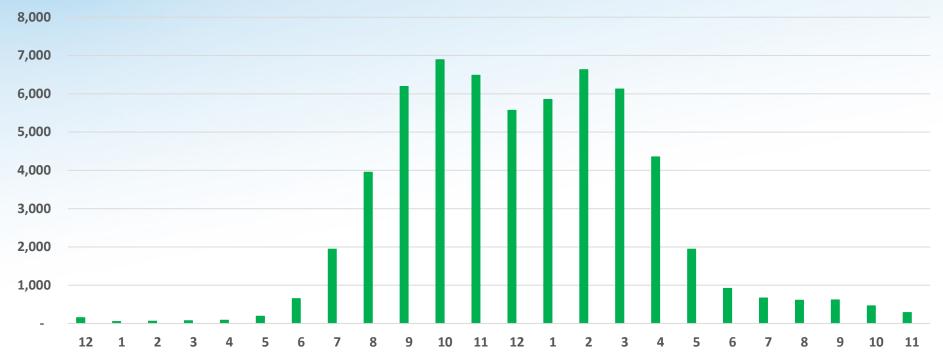
# **Automated Online Payment**



- Easy Convenient Flexible
  - Available 24/7 everyday
  - Processed over 60,000 payments
  - Avoided paper check processing

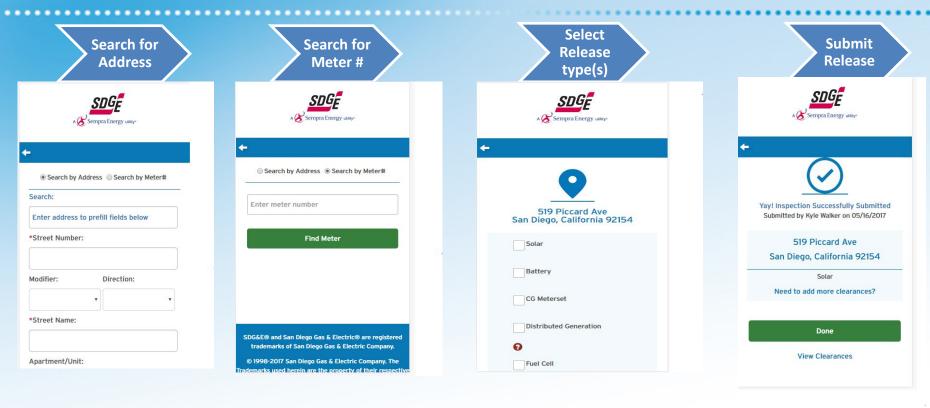


#### **NEM Payments by Hour**



## Automated Electrical Release Process





- More efficient way of sending electrical releases for generation (no need for double entry)
- When user is typing in address or electric meter number, the system autocompletes to assist with data entry
- ✓ Ability to concurrently submit multiple electrical releases at the same location (solar, battery, meter set, fuel cell, etc.)

### Thank You!



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