



& WILDFIRE SAFETY

# 2022 Public Safety Power Shutoff (PSPS) Preparedness

August 1, 2022



# Introduction

Kevin Geraghty, Chief Operating Officer & Chief Safety Officer

# SDG&E Committed to Risk Reduction



## WMP Progress

**45%**

Reduced fault rate on the distribution system

**84%**

Reduced fault rate on the transmission system

**100%**

of HFTD drone inspections completed in 2022

**100%**

Ignition reduction when sensitive relay settings enabled

**100%**

Ignition reduction from fuses in HFTD

**12,500**

Trees per year with enhanced vegetation clearance

## Reducing wildfire risk & PSPS impacts through:

- **Advanced risk modeling & situational awareness** leveraging artificial intelligence
- **Continued grid hardening** by increasing strategic undergrounding & covered conductor to achieve further reductions on distribution fault rate
- **Increased customer support** by expanding AFN support services & leveraging renewable resources
- **Ongoing preparation** through EOC exercises, community outreach, public education & public safety partnerships



# **Grid Hardening & Mitigation Efforts**

Jonathan Woldemariam, Director of Wildfire Mitigation



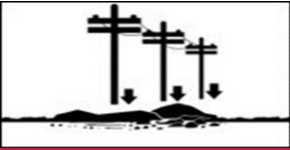
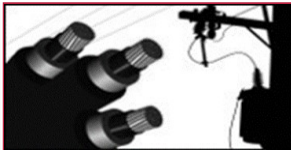
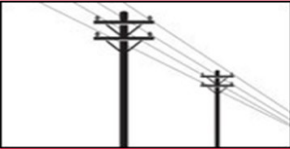

# PSPS Mitigations – Projections & Results



*Reduced Number of Customers Impacted*

3-Year Proposed Total	2022 Projected Total	2021 Total	2020 Total
30,830	7,145	9,961	13,724

*\*YTD as of 6/30*

	2022 Projections	YTD* 2022 Results	Since 2020		2022 Projections	YTD* 2022 Results	Since 2020
 <b>PSPS Sectionalizing</b>	10 Locations  4,607 Customers	6 Locations  7,508 Customers	34 Locations  22,589 Customers	 <b>Situational Awareness</b>	8 Camera Installations  20 Weather Station Upgrades  6 Air Quality Sensors	3 Camera Installations  3 Weather Station Upgrades  5 Air Quality Sensors	21 Camera Installations  76 Weather Station Upgrades  <b>New</b> Air Quality Sensors
 <b>Strategic Undergrounding</b>	65 Miles  2,533 Customers	11.07 Miles  708 Customers	41.5 Miles  518 Customers	 <b>Covered Conductor</b>	60 Miles	12.6 Miles	43.1 Miles
 <b>Microgrids</b>	2 Locations  5 Customers	1 Location  1 Customer	6 Locations  578 Customers	 <b>Traditional Hardening</b>	5 Miles	24.66 Miles	438.5 Miles

# Wildfire Mitigations – Projections & Results

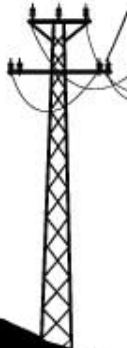


	2022 Projections	YTD* 2022 Results	Since 2020
Asset Replacement	4,861 Assets	3,440 Assets	13,813 Assets
Inspections	61,694 Inspections	53,244 Inspections	199,490 Inspections
Vegetation Inspections	250K Inspections	162K** Inspections	1.2M Inspections
Enhanced Clearances	12,500 Trees Removed/Trimmed	5,462 Trees Removed/Trimmed	35.1K Trees Removed/Trimmed



\*YTD as of 6/30

\*\*Most trees in HFTD have been inspected at least once but will be inspected twice by Sept



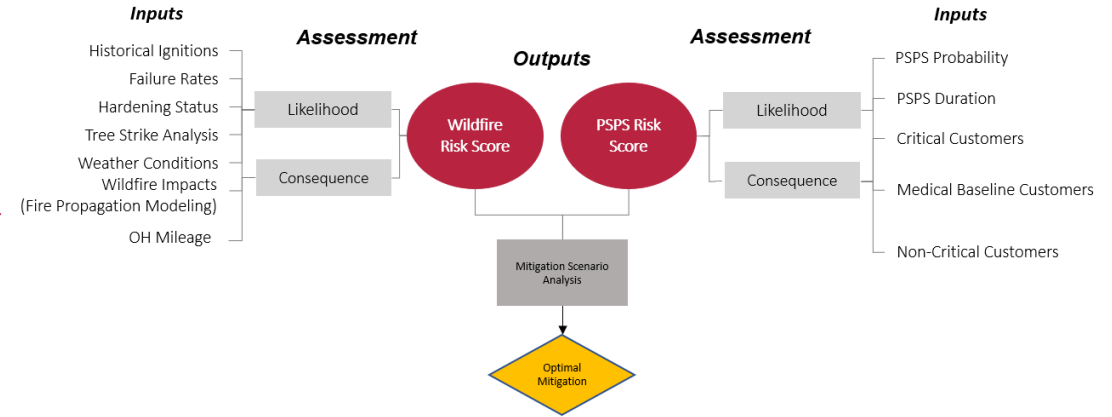
# Risk Assessment Overview



## 2022 Advancements - Wildfire Next Generation Systems (WiNGS)

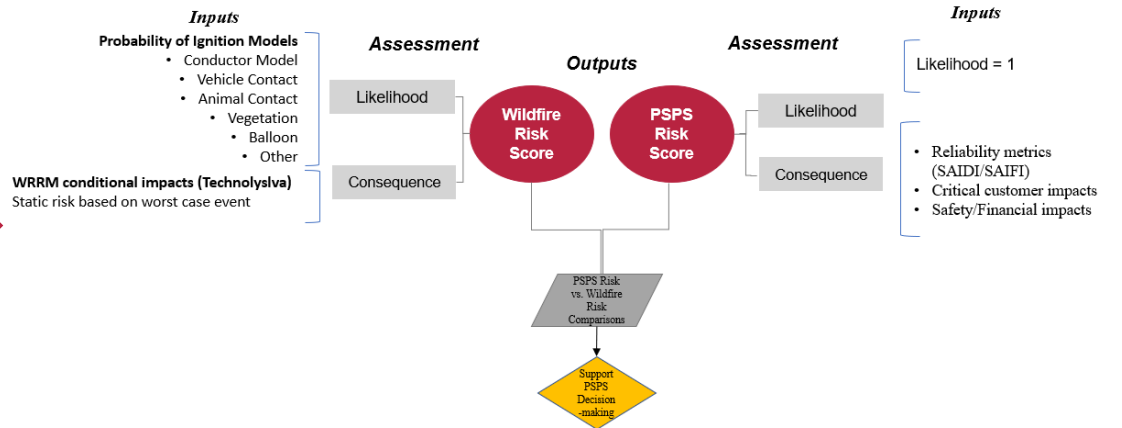
### Planning

- WiNGS Planning 2.0 complete for continued prioritization efforts
  - Development of segment-specific lifecycle cost savings methodology
  - Improved assessment of projected hardening increasing specificity of the way hardening phases are defined
  - Implemented update/refresh of all model attributes for improved risk assessment (e.g., WRRM, mitigation cost/mile estimates, historical ignitions, UG contingency factor, etc.)

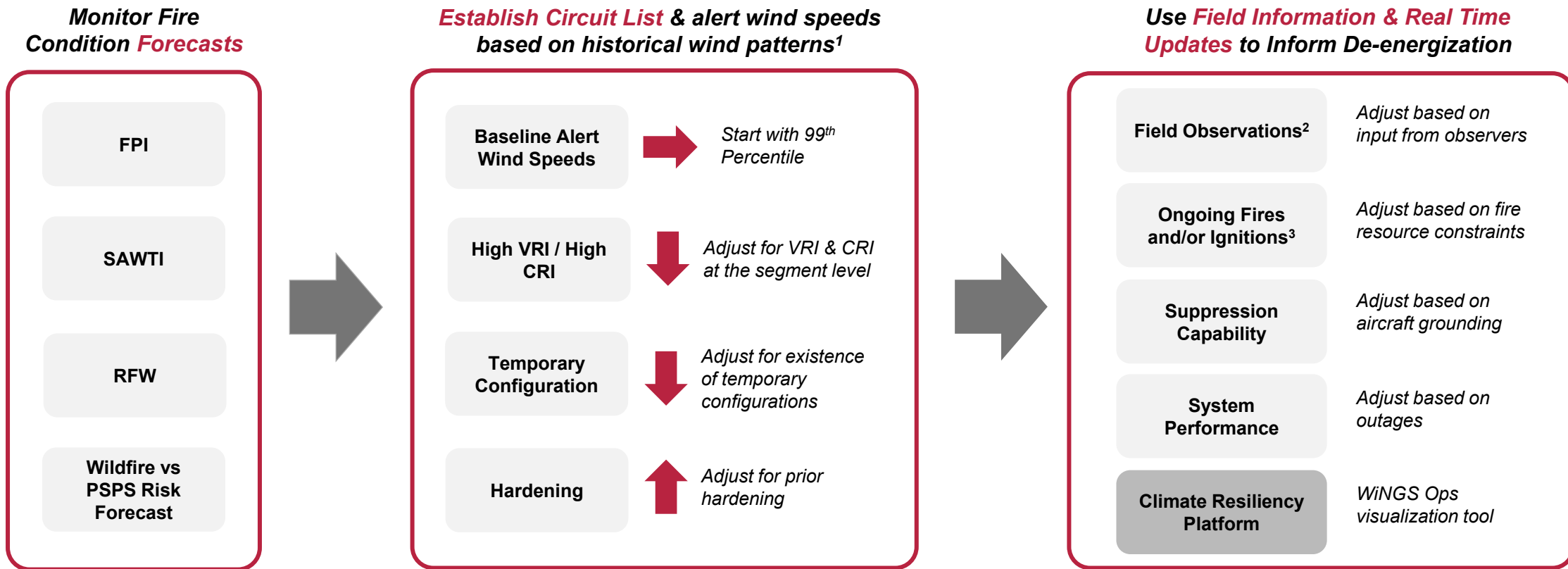


### Operations

- Introduced a new wind-based vegetation PoF model, expected to be deployed in AWS Expanded PSPS Risk model to incorporate vulnerable (AFN) customers
- Developed a user-friendly, interactive & automatic risk platform to help anticipate, prepare for & react to EOC activations
- Cloud-based deployment of machine learning models to allow for process improvements
- Retrospective analysis of WiNGS Ops as used in PSPS decision-making process



# PSPS Decision-Making Framework



- 1) If fire potential is not extreme, it can also inform adjustments to alert wind speeds
- 2) Field observations do not change alert speeds
- 3) Ongoing fires do not adjust alert speeds, but rather adjusts our PSPS decision making when reaching alert speed

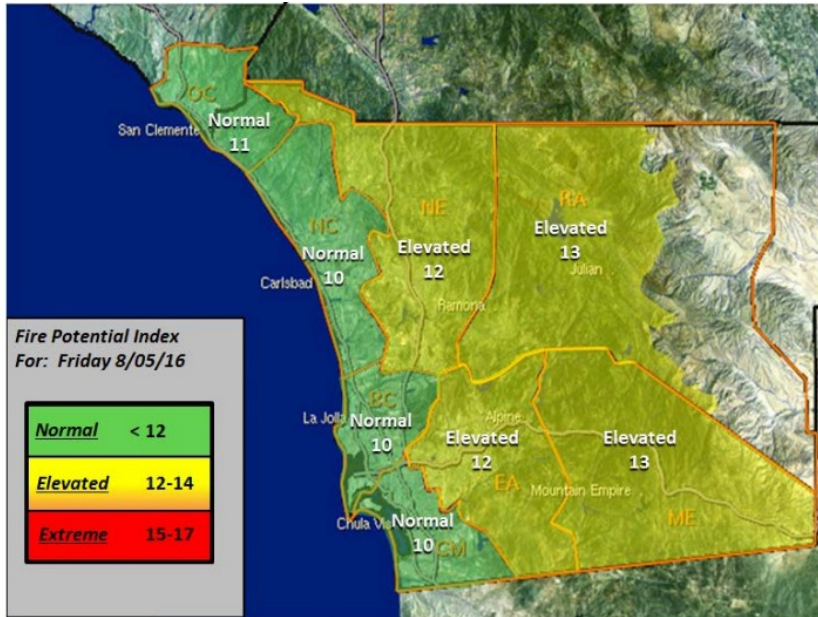




## **Sensitive Relay Profiles (Fast Trip)**

Jonathan Woldemariam, Director of Wildfire Mitigation

# SDG&E SRP Background



## Seven Day FPI Outlook:

	Today 8/04	Fri 8/05	Sat 8/06	Sun 8/07	Mon 8/08	Tue 8/09	Wed 8/10	Thu 8/11
ME	Elevated 12	Elevated 13	Elevated 13	Elevated 13	Elevated 13	Elevated 13	Elevated 13	Elevated 13
RA	Elevated 12	Elevated 13	Elevated 13	Elevated 13	Elevated 13	Elevated 13	Elevated 13	Elevated 13
EA	Elevated 12	Elevated 12	Elevated 12	Elevated 12	Elevated 12	Elevated 13	Elevated 13	Elevated 13
NE	Elevated 12	Elevated 12	Elevated 12	Elevated 12	Elevated 12	Elevated 13	Elevated 13	Elevated 13
OC	Normal 11	Normal 11	Normal 11	Normal 11	Normal 11	Normal 11	Normal 11	Normal 11
NC	Normal 10	Normal 10	Normal 10	Normal 10	Normal 10	Normal 10	Normal 10	Normal 10
BC	Normal 10	Normal 10	Normal 10	Normal 10	Normal 10	Normal 10	Normal 10	Normal 10
CM	Normal 10	Normal 10	Normal 10	Normal 10	Normal 10	Normal 10	Normal 10	Normal 10

Normal	Elevated	Extreme
< 12	12-14	15-17

## Outage Response & Restoration

### Application

- When extreme fire weather conditions or PSPS events are forecasted

### Dedicated Response Crews & Resources

- During Extreme FPI / PSPS Events, dedicated crews staffed for restoration & readiness response .
- Line SCADA crews are staffed 24/7 ready to respond to collect relay event records.
- Records are sent to System Protection Engineering for review.
- Records help determine proper operation & help with determining fault location.
- Feedback from Engineering provided to the operations teams for better situational awareness.

### Automatic Testing / Reclosing / Step Restoration

- Protocols for testing / reclosing / restoration are no different between SRP & non-SRP conditions when under Extreme FPI / PSPS conditions.
- Automatic testing is not performed & reclosing is disabled.
- Patrol is required & step restore is performed for all outages.

### Outage Customer Support & Communications

- SDG&E does not alter communications to customers when SRP is enabled.
- Outage response is no different for SRP outages versus non-SRP outages during an event
- SDG&E staffs 24/7 System Protection support to review all SRP outages in real time to provide situational awareness to our operations teams in support of faster restorations



## **PSPS Education and Outreach**

Zoraya Griffin, Senior Communications Manager

# Public Awareness & Communications



Augmented & diverse communications tools used to inform customers before & during a PSPS

## Before



Year-long public education campaign • TV, Radio, streaming radio, social media, digital, print PSAs • **Online Influencers** • Wildfire Safety Fairs & In-community events • **In-community newsletters**, newspapers & social media pages • Community bulletins/posters in stores, supermarkets, laundromats, barber shops • **Airport, train & bus depots video monitor messaging** • **Athletic events/stadium ads** • Increased media and journalist education effort • **Message amplification by CBOs & partners** • Public education **in-language & accessible communications** • Simplified PSPS & Wildfire Safety webpages • Power outage & preparedness videos • Multiple customer & CBO surveys & research • Dedicated Spanish communications team

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## During

Leverage 20+ diverse communications platforms • Hyper-local outreach via Nextdoor & social media • Media & journalist outreach • PSPS mobile app & radio PSAs • In-community & roadside signage & flyer distribution • Message amplification by CBOs & partners • Customer notification refinement to accommodate in-language & AFN customers



**Public Safety Power Shutoff**  
Forecasted weather conditions could affect the power lines that serve local communities. We are actively monitoring the potential for adverse weather conditions. These conditions may require us to turn off the power for public safety. If we do turn off power, it will stay off until we can safely restore it. Find more information at the [Public Safety Power Shutoff Page](#).

**SDGE** San Diego Gas & Electric

Residential Businesses More Info

My Account Customer Service Pricing Plans Electric Vehicles Pay Bill Savings Center Solar

For real-time outage information, check out our [Outage Map](#).

**Public Safety Power Shutoffs**  
We are actively monitoring the potential for adverse weather conditions. These conditions may require us to turn off the power for public safety.

Are you impacted? Enter your address to find out:

● At risk ● De-energized

Current Customers Affected		Potential Customers Affected	
Communities Shut Off	Number of Customers Shut Off	Potential Communities	Potential Number of Customers
<ul style="list-style-type: none"> <li>Descanso</li> <li>Dulzura</li> <li>Jamul (portions of)</li> <li>Potrero</li> <li>Valley Center</li> </ul>	<b>2,726</b>	<ul style="list-style-type: none"> <li>Boulder</li> <li>Crestwood</li> <li>Jacumba</li> <li>Pine Valley</li> <li>San Marcos (portions of)</li> </ul>	<b>5,293</b>

Community	Facility	Address
Descanso	Descanso Branch Library	9545 River Dr, Descanso, CA 91916
Potrero	Potrero Community Center	24550 Highway 94, Potrero, CA 91963
Jacumba	Jacumba Highland Community Center	44645 Old Highway 80, Jacumba, CA 91934

**Resources for Individuals with Access and Functional Needs**  
We have partnered with 2-1-1 San Diego and 2-1-1 Orange County to assist individuals with access and functional needs (AFN), for more information dial 2-1-1 or visit their website: [211sandiego.org](http://211sandiego.org) or [211oc.org](http://211oc.org).

**Sign up for Alerts**  
Stay informed by signing up for outage notifications.

Rates & Regulations FERC Standards of Conduct - Order 717 CPUC Postings Total Electric Rates  
Energy Data Request Energy Innovation Center Major Projects Careers

# PSPS Website Overview



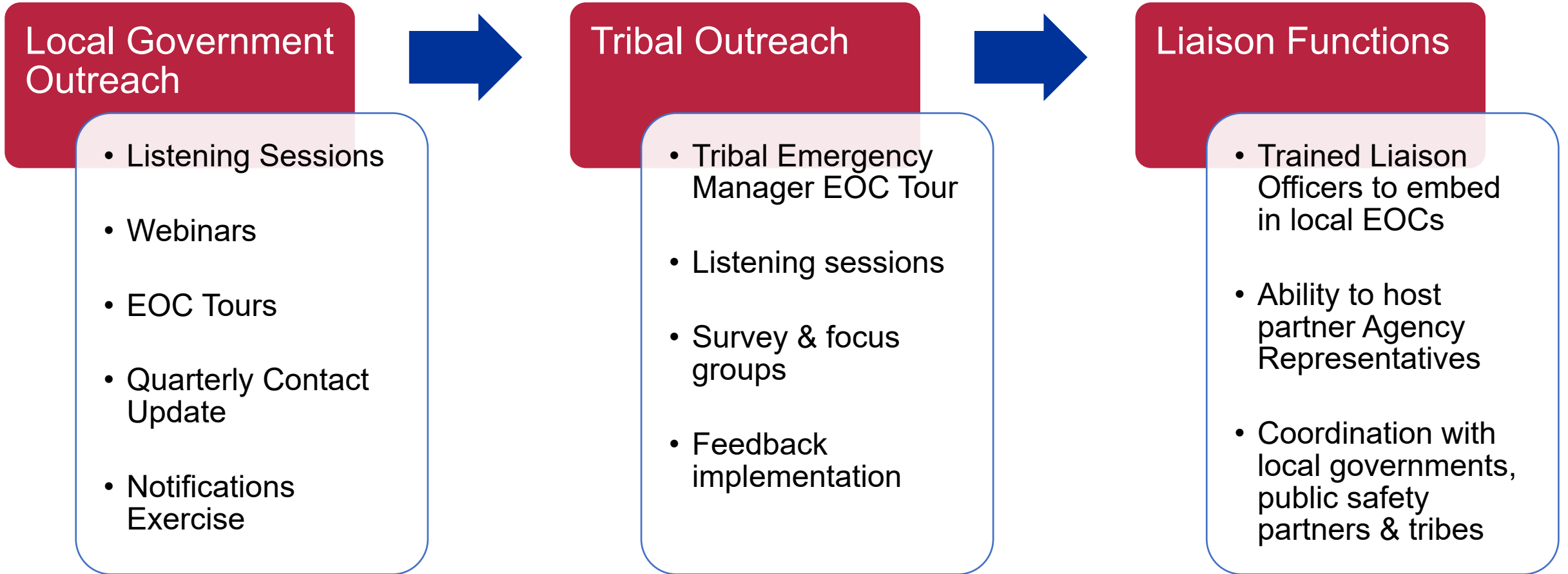
## Key Features & Content

- **Address lookup tool**
  - Customers can input their address & see if they are at risk, de-energized, patrolling or re-energized.
- **Map** with affected areas (heat map technology; AFN)
- **Customers & communities** at risk & shut off
  - Updated in real-time as customers are de- & re-energized
- **Community Resource Centers (CRCs)**
  - CRC look-up (customers input their address to find closest CRCs)
  - Addresses, amenities, hours & more information.
- **AFN** resources, landing page & personalized experience.

## 2022 Enhancements & Outlook

- **Accessibility:** Partnered with Center for Accessible Technology (C4AT) to build best-in-class accessible website & mobile app; implemented AudioEye tool.
- Utilized **customer feedback** from 2021 event, e.g., adding Google map links to CRCs & font size for customers affected.
- Improved **mobile experience**, better layout elements & font sizing.
- Website is built on Amazon Web Service's (AWS) cloud infrastructure.
  - Web servers auto-scale based on traffic & bandwidth needs increase.
- Utilizes a Content Delivery Network (CDN) and Web Application Firewall (WAF) to ensure stability & performance ("Black Friday" performance)
- Coded "lite" to help low-bandwidth customers

# Partner Outreach & Engagement





# **AFN/MBL & Customer Resources**

Danielle Kyd, AFN Customer Strategy Manager

# AFN Expanded Support in 2022



## Data

Enhanced database of individuals with AFN + self-identification campaign



## PSPS Support

Renewed & expanded partnership opportunities



## Accessibility

24/7 on-demand American Sign Language (ASL) comms., fully accessible websites & notifications



## Community Partners

45 dedicated High Fire Threat District partners - increased support



## Medical Baseline

Trained In Home Support Services Staff to increase outreach & dedicated marketing campaigns



## Marketing + Research

Robust marketing campaign & dedicated AFN research panel



# AFN PSPS Support



## Community Resource Centers

Enhanced support including privacy screens, signage, dedicated parking & on-site ASL interpretation



## Tribal Communities

Southern Indian Health Council (SIHC) & Indian Health Council (IHC) partners provide resiliency items, generators & other needs to tribal communities



## Centralized Resource Hub

211 San Diego and 211 Orange County connect customers to resources & direct support from 1,000+ orgs (24/7/365, in 200+ languages)



## Food Support

SD Food Bank & Feeding SD partners provide mobile food pantries at rural, tribal & PSPS sites, with warm food provided as needed



## Transportation

FACT paratransit partnership provides accessible transportation to customers' location of choice



## Hotel Stays

Salvation Army partnership provides no-cost hotel stays



# Partnering with Community-Based Organizations (CBOs)

- Enhanced PSPS engagement efforts targeting trusted CBOs located in or reach customers in HFTD
- Wildfire Safety Fairs located in Ramona, Julian, Alpine & Valley Center
- Mini-Wildfire Safety Fairs in targeted communities within HFTD





# Community Resource Center (CRC) Plan

Mark Mezta, Fire Science & Climate Adaptation Manager

# CRC Operational Strategy



## Locations & Support Offerings:

- **11 indoor CRCs** are available\*
- **3 new mobile CRCs** available for deployment
- **Standard Services** are provided at each location
- **Enhanced Offerings** are available, if needed
  - Warm meals
  - Cell phone charging
  - Power inverters
  - Blankets

*\*Net change from 2021 is zero. Boulevard replaced Jacumba due to greater community benefit.*



Comprehensive Site List: <https://www.sdge.com/wildfire-safety/community-resource-centers>






# Backup Generation Programs

Jon Kochik, Customer Integrated Solutions Manager

# Backup Generator & Battery Programs



Program	Generator Grant Program	Generator Assistance Program	Standby Power Programs
<p><b>Overview</b></p>	<p>Portable backup battery provided to qualifying MBL &amp; AFN customers in the HFTD at no charge (active Aug-Dec)</p> 	<p>Portable fuel generator &amp; backup battery (portable power station) rebates for qualifying HFTD customers, additional rebate for CARE customers (active Aug-Dec)</p> 	<p>Provides a permanent generator to customers that have a high risk of experiencing a PSPS</p> 
<p><b>2022</b></p>	<ul style="list-style-type: none"> <li>• Target: <b>600 - 700</b> batteries</li> <li>• Including AFN with disabilities, temp-sensitive &amp; self-identified</li> <li>• Online customer request form</li> <li>• Continuing to evaluate program options for 2022 &amp; 2023</li> </ul>	<ul style="list-style-type: none"> <li>• Target: <b>1,250</b> rebates</li> <li>• Update rebate process to allow purchase at additional retailers</li> <li>• Include more models with safety features to qualified product list</li> <li>• Higher rebates for portable power stations</li> </ul>	<ul style="list-style-type: none"> <li>• On track towards 3yr target of <b>900</b></li> <li>• Integrate &amp; test non-fossil fuel solutions</li> <li>• Continue to expand mobile home parks, schools, critical facilities &amp; Community Resource Centers candidates</li> </ul>
<p><b>Program Results to Date</b></p>	<ul style="list-style-type: none"> <li>• <b>3,802</b> delivered since 2019</li> <li>• Streamlined process for active PSPS deliveries &amp; Indian Health Council</li> <li>• <b>98%</b> of customers very satisfied, <b>94%</b> very prepared</li> </ul>	<ul style="list-style-type: none"> <li>• <b>2,040</b> rebates provided since 2020</li> <li>• <b>88%</b> of customers are somewhat to very satisfied with rebate process</li> </ul>	<ul style="list-style-type: none"> <li>• <b>558</b> residential generators installed, with <b>367</b> currently in process</li> <li>• <b>7</b> commercial installed, with <b>15</b> currently in process</li> <li>• Began installation of Mobile Home Park resilience solution (solar + battery)</li> </ul>



# Critical Facilities & Infrastructure Plan

Alex Moffat, Manager of Business Services

# Critical Facilities & Infrastructure (CFI)



## Outreach

- Annual assessment of **1,400** unique CFI customers' emergency preparedness
  - Revised emergency preparedness survey
  - Updates to **27k+** CFI accounts (contacts, BUG capabilities, emergency preparedness)
  - Inform customers of resiliency & emergency preparedness



## Dedicated CFI website

- [www.sdge.com/psps-critical-facilities](http://www.sdge.com/psps-critical-facilities)



## Partnerships

- Partnered with Telcos to ensure SDG&E's 800 numbers are not listed as SPAM



## Webinars

- Two webinars planned with Critical Facilities & Infrastructure - late July & early August



## Resources

- SDG&E does not provide emergency backup generation
- Emergency backup generation is considered during incidents where health, life or safety of the community is at risk





# Notification Plan & PSPS Exercise Reports

Mona Freels, Emergency Services Manager

# Notification Plan Overview



## In-language translations

- PSPS notifications translated into 22 prevalent languages & American Sign Language (ASL) video



## Consistency across platforms

- Develop customized talking points for each audience to ensure "OneVoice" communications



## Coordination with stakeholders

- Coordination with public safety partners is key to achieving operational coordination & synchronized messaging



## Lessons learned

- The After-Action Review (AAR) is used to identify, document & incorporate PSPS-related decisions & actions into the continuous process, quality improvement & learning cycle

## Objectives

- Develop strategies to ensure timely notifications are made as prescribed
- Promptly acknowledge the incident with a commitment to provide stakeholders more information
- Speak with "OneVoice" to provide a consistent message to all stakeholders
- Be transparent by proactively offering a continuous stream of updated & relevant information
- Reach all stakeholders by communicating across every possible channel
- Tell our story leveraging visual communications & third-party support to help tell that story

# PSPS Exercises



## Notification Functional Exercise May 24-26

- 3-day operations-based exercise focusing on PSPS notification & communication procedures
- Scenario encompassed all PSPS Stages
- Validated notification & communication procedures & tested applicable systems

## Tabletop Exercise June 27

- Discussion-based meeting validating PSPS decision making & operational coordination
- 100 Participants encompassing both SDG&E personnel & Public Safety Partners
- Focus on real-time de-energization decision making & AFN coordination

## EOC Functional Exercise August 15

- Operations based exercise involving EOC activation & PSPS operational response
- Planning process integrated with public safety partners
- Validating improvements made from the Notification Functional Exercise





# PSPS Opportunities



Improvement Opportunity	2022 Programmatic Responses
<ul style="list-style-type: none"> <li>The primary public safety partner notification system degraded forcing the successful use of back-up processes with no impact to notifications.</li> </ul>	<ul style="list-style-type: none"> <li>The technical problem was identified &amp; corrected.</li> <li>Currently updating documentation &amp; training to ensure responders can activate secondary protocols.</li> </ul>
<ul style="list-style-type: none"> <li>Segments of the PSPS notification process were not completed in sequence.</li> </ul>	<ul style="list-style-type: none"> <li>Successfully piloted an approval process &amp; codifying into documentation &amp; training.</li> </ul>
<ul style="list-style-type: none"> <li>Increased number of new Emergency Operations Center responders.</li> </ul>	<ul style="list-style-type: none"> <li>Incorporated basic EOC procedures into Summer Readiness Training.</li> <li>Developing targeted training for new responders.</li> </ul>
<ul style="list-style-type: none"> <li>Limited sandbox environments strain exercise realism.</li> </ul>	<ul style="list-style-type: none"> <li>Developing a proposal to design training environments for applicable systems.</li> </ul>

# PSPS Portal – Partner View



Public Safety Power Shutoffs are in effect.

▲ Potentially Impacted
● Currently Impacted

5,293 Customers    655 Medical Baseline (MBL)    N/A Critical Facilities    1,538 Customers    112 Medical Baseline (MBL)    97 Critical Facilities

Impacted Areas

Community Name	Status	Devices Affected	Copy
Alpine	●	10 devices (2 currently impacted, 8 potential outage)	📄
East San Juan Capistrano	●	10 devices (2 inspecting, 3 currently impacted, 5 potential outage)	📄
Fallbrook	●	11 devices (8 inspecting, 3 currently impacted)	📄
Oceanside	●	8 devices (8 potential outage)	📄
San Clemente	●	3 devices (3 currently impacted)	📄

Outage Map

Search capability

Can show only one status at a time

Expandable rows

Public Safety Power Shutoffs are in effect.

▲ Potentially Impacted
● Currently Impacted

5,293 Customers    655 Medical Baseline (MBL)    N/A Critical Facilities    1,538 Customers    112 Medical Baseline (MBL)    97 Critical Facilities

Impacted Areas

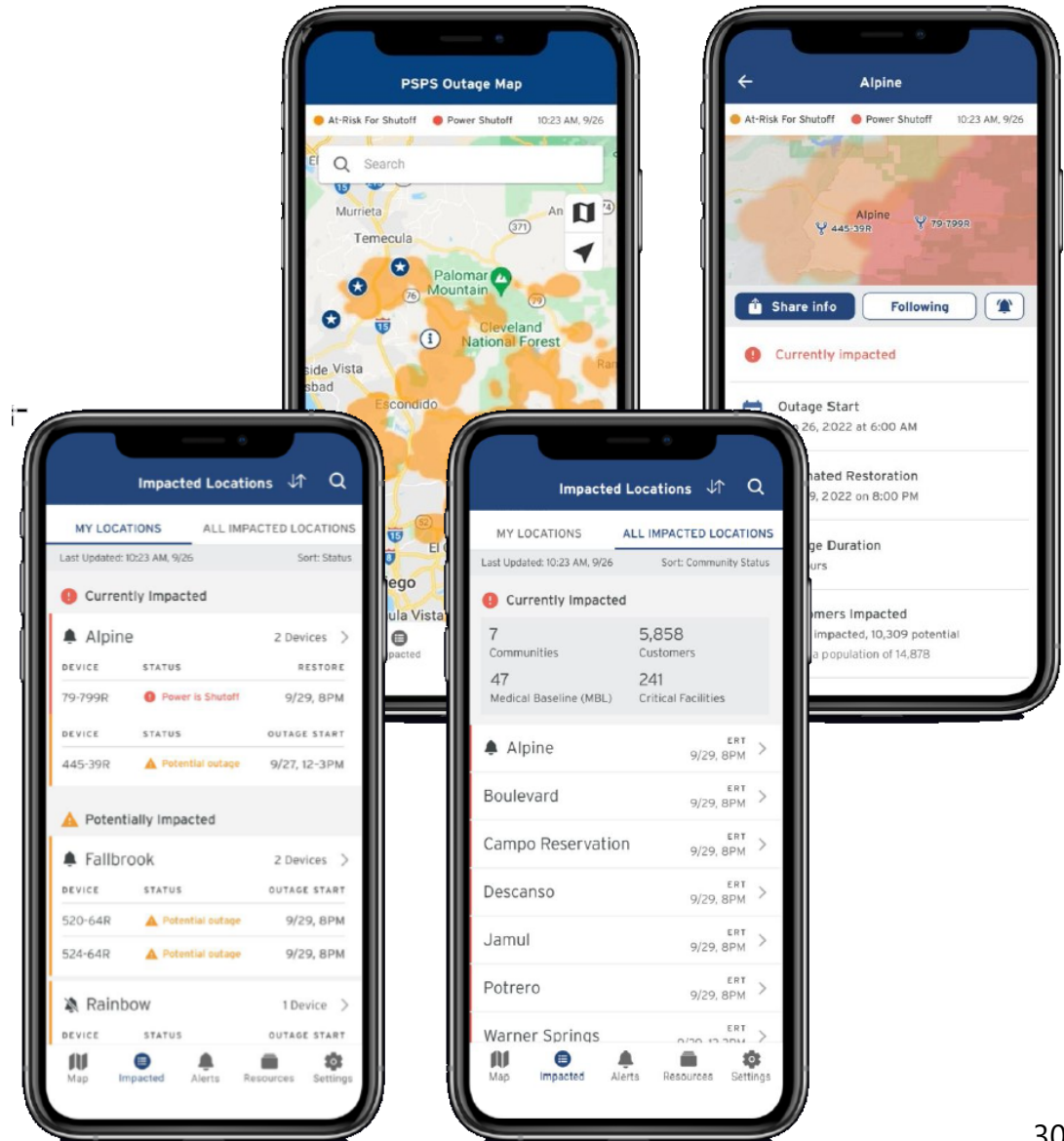
Community Name	Status	Devices Affected	Copy
Alpine	●	10 devices (2 currently impacted, 8 potential outage)	📄
Sectionalizing Device	Status	Est Outage Start Date/Time	Est Restoration Date/Time
73-765R	● Currently impacted	Sun 5/30/21 at 3:30 PM PT	Mon 5/31/21 at 1:00-5:00 PM PT
1166-18R	● Currently impacted	Sun 5/30/21 at 3:30 PM PT	Mon 5/31/21 at 1:00-5:00 PM PT
1458-454	▲ Potential outage	Sun 5/30/21 at 3:00 - Mon 5/31/21 at 4:00 PM PT	Mon 5/31/21 at 1:00-5:00 PM PT
357-1299R	▲ Potential outage	Sun 5/30/21 at 3:00 - Mon 5/31/21 at 4:00 PM PT	Mon 5/31/21 at 1:00-5:00 PM PT
367-147R	▲ Potential outage	Sun 5/30/21 at 3:00 - Mon 5/31/21 at 4:00 PM PT	Mon 5/31/21 at 1:00-5:00 PM PT
73-643R	▲ Potential outage	Sun 5/30/21 at 3:00 - Mon 5/31/21 at 4:00 PM PT	Mon 5/31/21 at 1:00-5:00 PM PT
78-26R	▲ Potential outage	Sun 5/30/21 at 3:00 - Mon 5/31/21 at 4:00 PM PT	Mon 5/31/21 at 1:00-5:00 PM PT
AL-12KV-355	▲ Potential outage	Sun 5/30/21 at 3:00 - Mon 5/31/21 at 4:00 PM PT	Mon 5/31/21 at 1:00-5:00 PM PT
AL-12KV-357	▲ Potential outage	Sun 5/30/21 at 3:00 - Mon 5/31/21 at 4:00 PM PT	Mon 5/31/21 at 1:00-5:00 PM PT
LL-12KV-1166	▲ Potential outage	Sun 5/30/21 at 3:00 - Mon 5/31/21 at 4:00 PM PT	Mon 5/31/21 at 1:00-5:00 PM PT
East San Juan Capistrano	●	10 devices (2 inspecting, 3 currently impacted, 5 potential outage)	📄
Fallbrook	●	11 devices (8 inspecting, 3 currently impacted)	📄

Each community now has several rows nested underneath to display incoming sectionalizing device data

# Public Safety Partner Mobile App



- Going live Sept. 2022
- Near real-time mapping capability with a link to secure GIS portal
- Ability to “follow” multiple jurisdictions
- Ability to customize push notifications
- Devices listed by community with impact information
- Resource page for additional resources
  - Social media kit
  - 24/7 contact information
  - Community flyer





# Improvements to Data Accuracy in Post-event Reporting

Jonathan Woldemariam, Director of Wildfire Mitigation

# Enterprise Notification System (ENS) Incident Reports



## Report Types

- Pre-Incident
- End of Day
- Post-Incident
- Ad-Hoc

## At-Risk Meters Detailed Statistics:

- Types: Life Support, Commercial, AFN
- Communication Attempts
- Community / Tribal Lands
- Zip Code

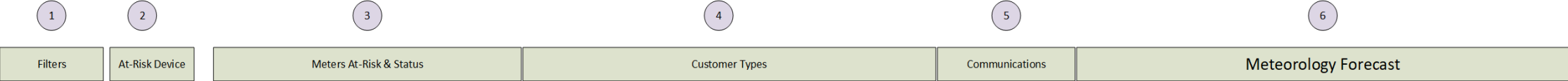
Enterprise Notification System's PSPS Interface

The screenshot shows the 'SDG&E Demo Event' interface. On the left, there are filter panels for 'Filters', 'Groups & Devices (All)', 'Power Status', 'Meter Types', 'Communities (All)', 'Temporary Config', 'Forecasted Peak Gust Time', 'Forecasted Peak Gust Speed', '99th Percentile Wind Speed', '95th Percentile Wind Speed', 'Alert Speed', 'Vegetation Risk Index (VRI)', and 'Weather Station (All)'. A central summary box shows 38 At-Risk Devices, with 13446 Total Forecasted Meters and 12560 Total Actual Meters. Below this is a table of At-Risk Devices with columns for Groups & Devices, At-Risk, Device Status, Total Forecasted Meters, Total Actual Meters, Affected Meters, Unique Restored Meters, Residential Meters, Commercial Meters, Critical Facilities, and Unique Critical Facilities.

## Dashboard Sections

1. **Filters** – Time of Day and Meteorology Filters
2. **At-Risk Devices** – Devices associated with the weather data
3. **Meter Status** – Real-time state of devices
4. **Customer Types** – Flags associated with meters
5. **Communications** – Communications delivered to devices
6. **Meteorology Forecast** – Forecast data
7. **Event Summary** – Summary data for the Event

Medical Baseline	Communities	Tribal Lands	Latest Activation Name	Latest Activation Time	Temp Config	Peak Gust Day 1	Peak Gust Day 2	Peak Gust Day 3	99th Percentile Wind Speed	95th Percentile Wind Speed	Alert Speed	VRI	Weather Station	Tier	District
5	Valley Center	San Pascual Reservation	--	--	⊖	37 mph LATE EVENING	39 mph EARLY MORNING	34 mph AFTERNOON	44 mph	34 mph	44 mph	Medium	Lower Hellhole Canyon	Tier-3	NE
12	Valley Center	San Pascual Reservation	--	--	⊖	37 mph LATE EVENING	39 mph EARLY MORNING	34 mph AFTERNOON	44 mph	34 mph	44 mph	Medium	Lower Hellhole Canyon	Tier-3	NE
7	Escondido	--	--	--	⊖	46 mph LATE EVENING	52 mph EARLY MORNING	51 mph AFTERNOON	51 mph	43 mph	45 mph	Low	Redwood	Tier-3	NE
3	Jamul	--	--	--	⊖	50 mph LATE EVENING	52 mph EARLY MORNING	53 mph AFTERNOON	55 mph	43 mph	45 mph	Low	Clay Mountain	Tier-3	EA
9	El Cajon	--	--	--	⊖	49 mph LATE EVENING	46 mph EARLY MORNING	42 mph AFTERNOON	50 mph	36 mph	45 mph	Medium	Sequoia Truck Trail	Tier-3	EA
14	Alpine	--	--	--	⊖	49 mph LATE EVENING	46 mph EARLY MORNING	42 mph AFTERNOON	50 mph	36 mph	45 mph	Medium	Sequoia Truck Trail	Tier-3	EA
123	Alpine	--	--	--	⊖	44 mph LATE EVENING	47 mph EARLY MORNING	44 mph AFTERNOON	48 mph	36 mph	45 mph	Medium	Victoria	Tier-2, Tier-3	EA
22	Alpine	Vejas Reservation/Coyupique Reservation	--	--	⊖	39 mph LATE EVENING	43 mph EARLY MORNING	43 mph AFTERNOON	46 mph	37 mph	35 mph	Medium	Vejas	Tier-2, Tier-3	EA
15	Warner Springs	--	--	--	⊖	39 mph LATE EVENING	47 mph EARLY MORNING	26 mph AFTERNOON	41 mph	33 mph	41 mph	Low	Chihuahua Valley	Tier-2	RA
32	Pauma Valley	La Jolla Reservation/Pauma and Yuma Reservation	--	--	⊖	49 mph LATE EVENING	46 mph EARLY MORNING	45 mph AFTERNOON	49 mph	39 mph	45 mph	Medium	Poomacha	Tier-3	NE
27	Palomar Mountain	La Jolla Reservation/Pauma and Yuma Reservation	--	--	⊖	42 mph LATE EVENING	45 mph EARLY MORNING	47 mph AFTERNOON	46 mph	36 mph	35 mph	Medium	Crestline	Tier-3	NE





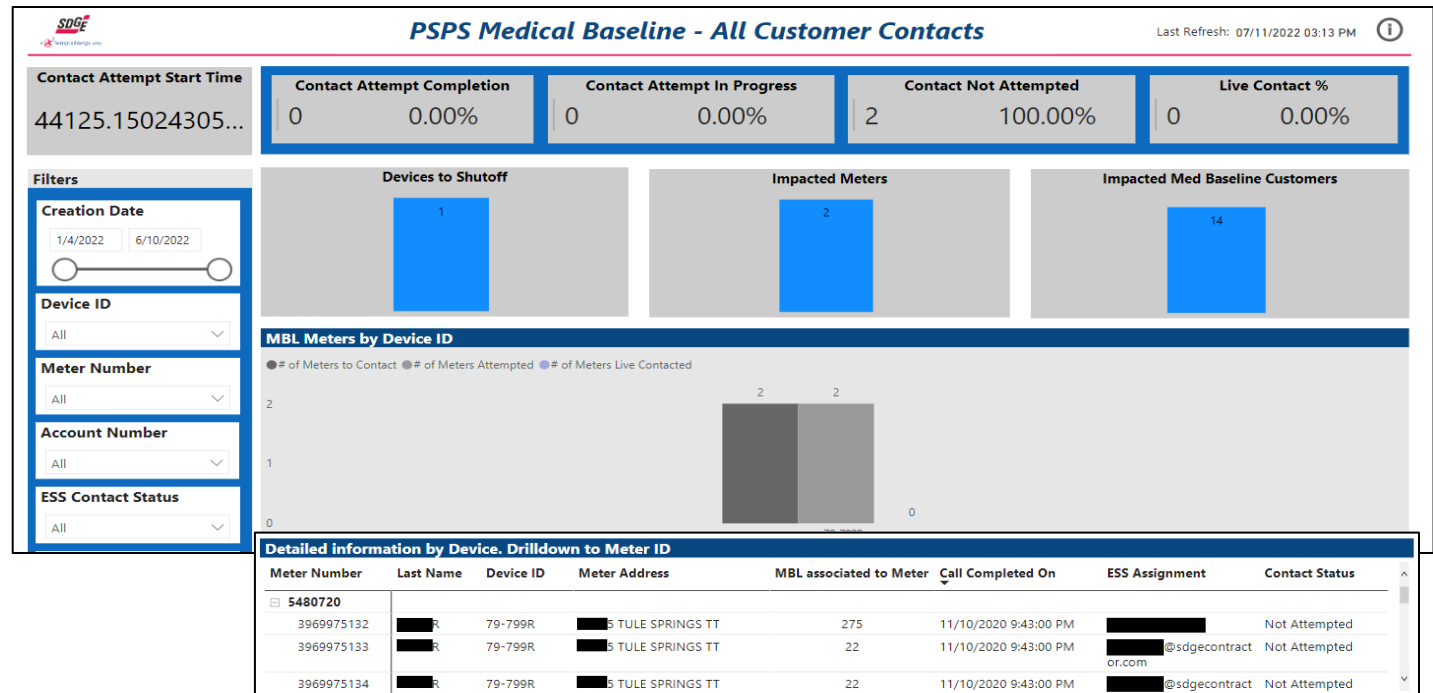
# ENS Dashboard & MBL Automation



- Event Specific Portal dedicated to At-Risk device communications and statistics.
- Events have unique URL for EOC Responders.
- Outbound Communication Activation Reports are generated by administrator & are available for EOC responders in the Portal.
- Not contacted Medical Baseline data is imported into a **Medical Baseline Dashboard**.

## The Dashboard provides visibility to:

- Agent has been assigned
- Contact attempts
- Positive contact
- Ticket created to deliver door knock



**Thank you**