



Welcome and Introductions

Administrative Remarks

- Safety and emergency information
- Attendance
- Raise hand feature and chat use
- Cell phone and microphone etiquette

A screenshot of a mobile application interface for an attendance form. The top section has a blue header with the title "SDG&E's Public Safety Power Shutoff Tabletop Exercise Attendance" in white. Below the header, a white box contains a thank-you message: "Thank you for joining SDG&E's Public Safety Power Shutoff (PSPS) Tabletop Exercise (TTX). We kindly ask that you complete the short form below to ensure your attendance is captured." followed by three dots. The form consists of two numbered questions: "1. Enter your first and last name:" and "2. Enter your agency or organization:". Each question is followed by a white text input field with a light gray border and the placeholder text "Enter your answer". A vertical scrollbar is visible on the right side of the form area.

For questions or assistance during the exercise, please contact Amanda Wight at 630-715-3565.

Schedule



Time	Topic
9:00 a.m. – 9:15 a.m.	Welcome and Introductions
9:15 a.m. – 9:30 a.m.	Exercise Overview
9:30 a.m. – 10:10 a.m.	Module 1 - Stage 1: Activating PSPS Protocols/Potential to De-energize
10:10 a.m. – 10:15 a.m.	<i>Break</i>
10:15 a.m. – 11:00 a.m.	Module 2 - Stage 2: Decision to De-energize and Stage 3: De-energization Initiated
11:00 a.m. – 11:35 a.m.	Module 3 - Stage 4: Initiating Re-energization Protocols and Stage 5: All PSPS Lines Re-energized
11:35 a.m. – 11:40 a.m.	<i>Break</i>
11:40 a.m. – 11:55 a.m.	Hot Wash
11:55 a.m. – 12:00 p.m.	Final Remarks

Exercise Overview

Exercise Overview



- **Scope:** Three-hour, virtual, discussion-based exercise
- **Purpose:** The purpose of this exercise is to test SDG&E's understanding of Emergency Operation Center (EOC) activities during a PSPS activation and how coordination and communication with external partners will occur.
- **Structure:** Plenary, module structure
- **Scenario:** PSPS

Objectives with Aligned SDG&E Capabilities



Objective	SDG&E Capability
Identify PSPS response procedures and how to maintain coordination with our local and state public safety partner agencies during a PSPS event.	Operational Coordination
Discuss the communication processes for notification to public safety partners, access and functional needs and vulnerable populations, and affected customers during a PSPS event.	Operational Communication
Demonstrate the channels and processes of decision-making for de-energization and re-energization during a PSPS event.	Operational Coordination

Exercise Guidelines and Assumptions



- This exercise will be held in an open, no-fault environment.
- Respond to the scenario using your knowledge of current plans and capabilities and insights derived from your training and experience.
- Issue identification is not as valuable as suggestions and recommended actions that could improve processes moving forward. Problem-solving efforts should be the focus.
- The exercise scenario is plausible.
- Certain aspects of this exercise need to be simulated including weather.
 - Real-world PSPS dashboard will be demonstrated during this exercise. This system is tied to real-world weather data. Therefore, the weather provided in the exercise brief will not align to what is shown in the PSPS dashboard. This is an exercise artificiality.
- This exercise will include jumps in time to ensure SDG&E can cover various response phases of a PSPS event. The facilitator will identify when jumps in time occur.
- Please use plain language and refrain from acronyms and technical terminology.

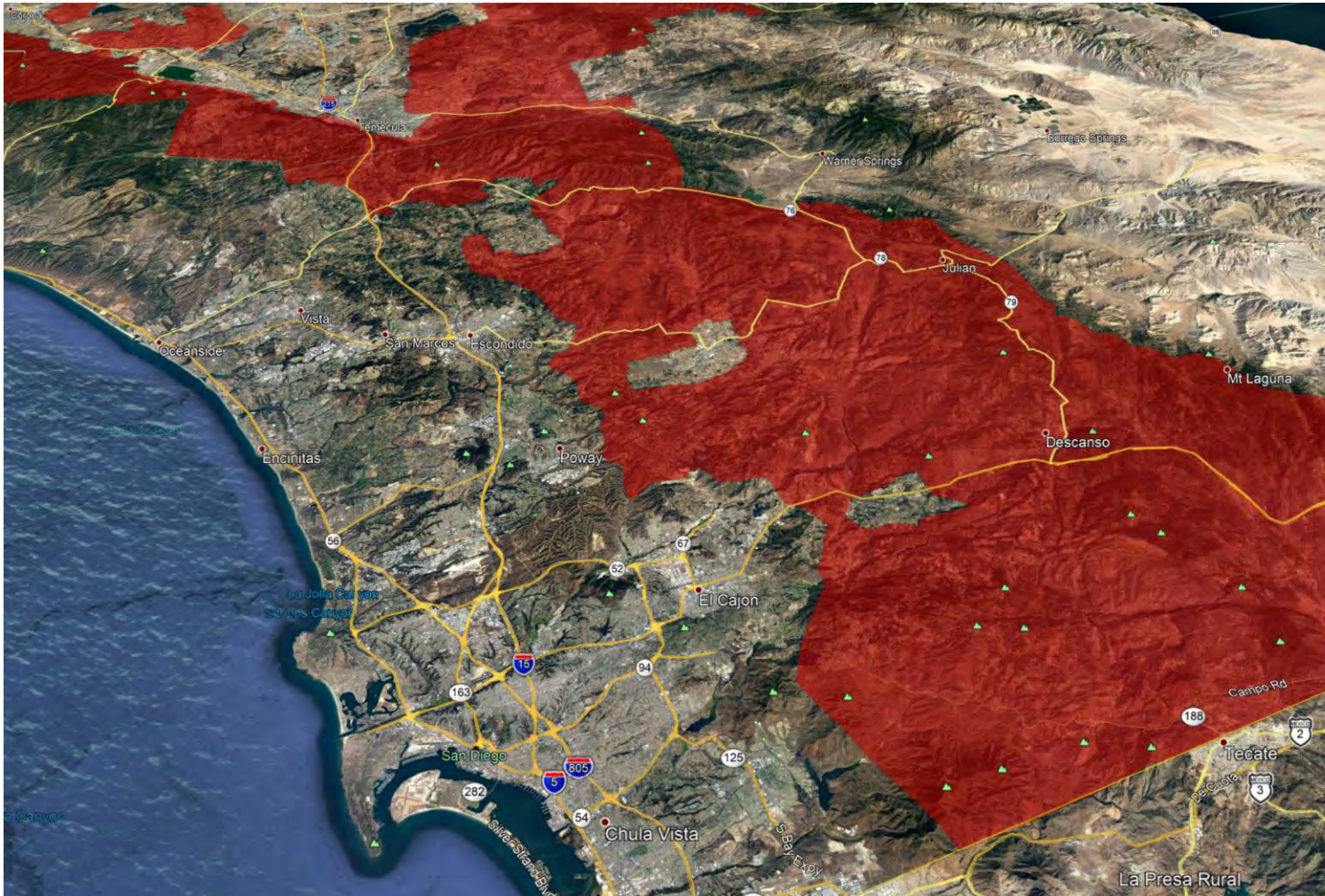
Questions?

Module 1

Stage 1: Activating PSPS Protocols/ Potential to De-energize

Scenario

Module 1 Exercise Scenario



Weather Update



6/27/2022

- Models trended slightly stronger last night
- Short-lived, moderate strength Santa Ana
- Peak wind gusts of 35-50 mph across backcountry areas...isolated higher in typical wind-prone areas of Tier 3

EXERCISE ONLY

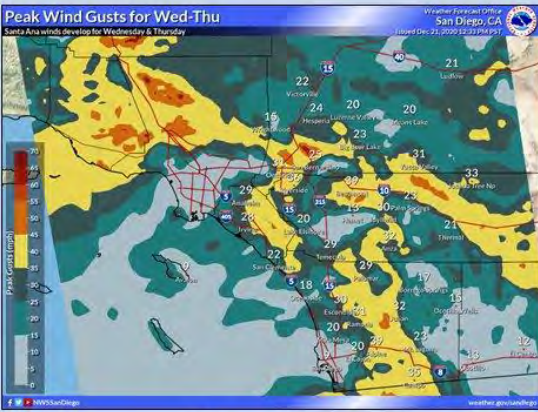
Partner Products





Red Flag Warning

Peak Wind Gusts for Wed-Thu
Santa Ana winds develop for Wednesday & Thursday



Timing

8 AM Wednesday – 12 PM Thursday

Impacts

Any fires that develop could spread rapidly

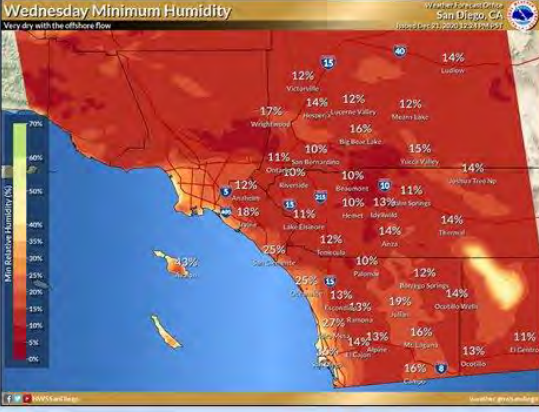
Winds

East to Northeast 15-25 mph with gusts to 40 mph. Isolated gusts to 60 mph below passes and canyons

Humidity

Minimum relative humidity near 10 percent away from the coast

Wednesday Minimum Humidity
Very dry with the offshore flow




National Weather Service | San Diego, CA


Forecast issued at: 6:54 AM on 6/27/2020 Valid for: 6:54 AM

Zone 3: San Diego

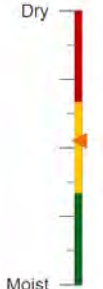
Threat Level



Wind Strength



Fuel Moisture



Zones	Mon/Jun 27	Tue/Jun 28	Wed/Jun 29	Thu/Jun 30
Zone 1: LA-Ventura				
Zone 2: Orange-Inland Empire				
Zone 3: San Diego				
Zone 4: Santa Barbara				

SAWTI

EXERCISE ONLY

Fire Potential Index (FPI) Outlook 6/28 – 7/04



Seven Day FPI Outlook:

	Tue 06/28	Wed 06/29	Thu 06/30	Fri 07/01	Sat 07/02	Sun 07/03	Mon 07/04
ME	Elevated 12	Extreme 15	Elevated 14	Elevated 12	Elevated 12	Normal 11	Normal 9
RA	Elevated 12	Extreme 15	Elevated 14	Elevated 12	Elevated 12	Normal 11	Normal 9
EA	Elevated 12	Extreme 15	Elevated 14	Elevated 12	Elevated 12	Normal 11	Normal 9
NE	Elevated 12	Extreme 15	Elevated 14	Elevated 12	Elevated 12	Normal 11	Normal 9
OC	Elevated 12	Extreme 15	Elevated 13	Normal 11	Normal 10	Normal 9	Normal 9
NC	Normal 11	Elevated 14	Elevated 13	Normal 11	Normal 10	Normal 9	Normal 9
BC	Normal 11	Elevated 14	Elevated 13	Normal 11	Normal 10	Normal 9	Normal 9
CM	Normal 11	Elevated 14	Elevated 13	Normal 11	Normal 10	Normal 9	Normal 9

- No changes to FPI during the event
- Cloudy skies but relative humidity in teens, pockets of single digits
- Fuel moistures fairly dry
- Small amount of green grass

EXERCISE ONLY

Event Timing

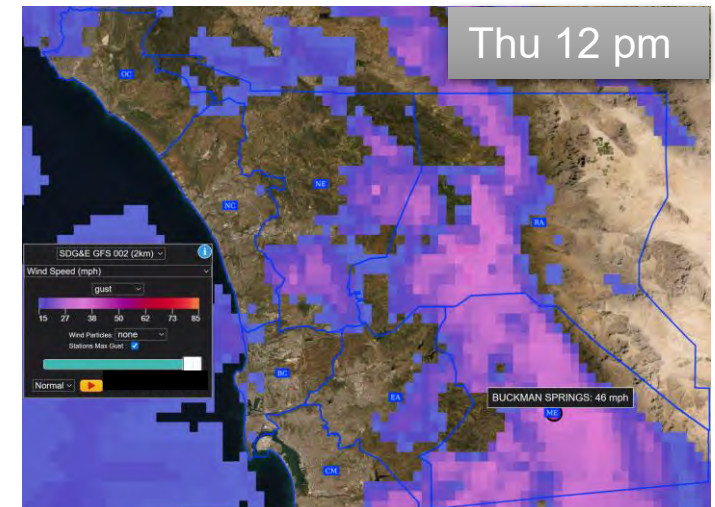
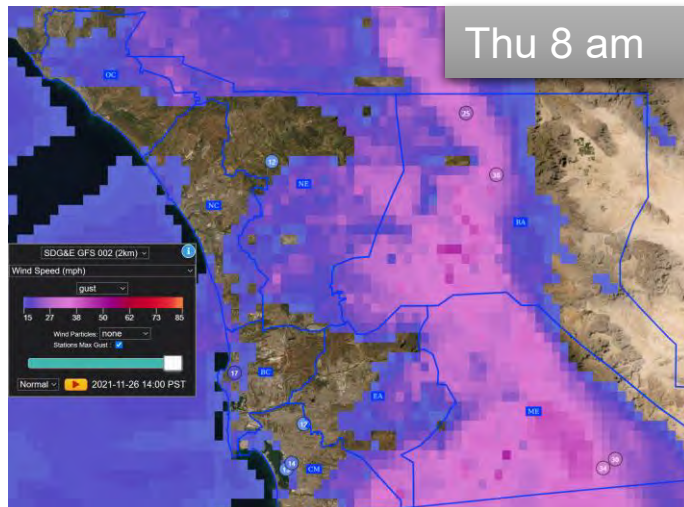
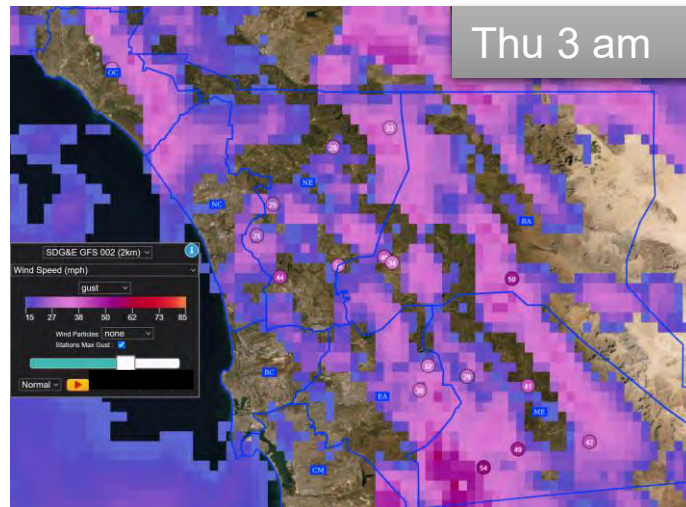
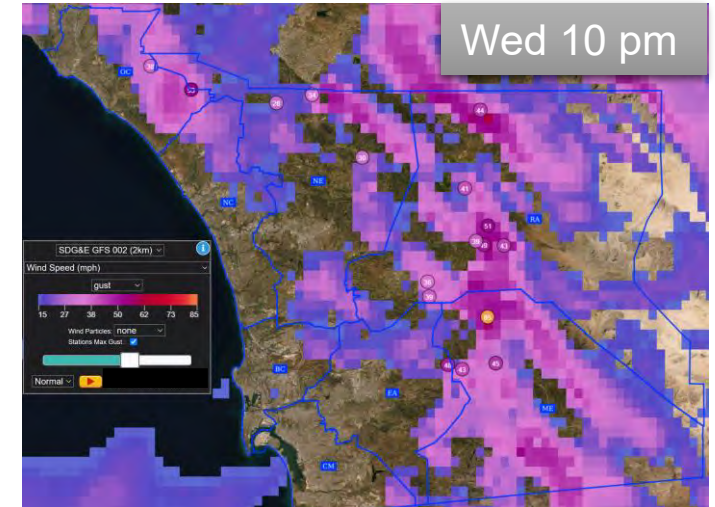
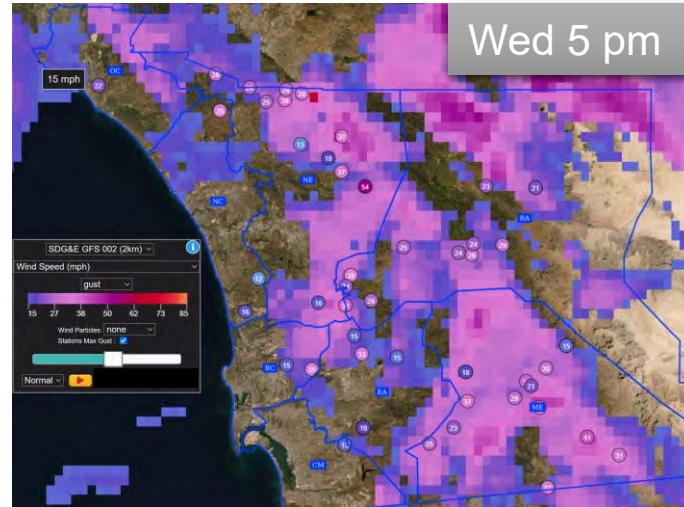
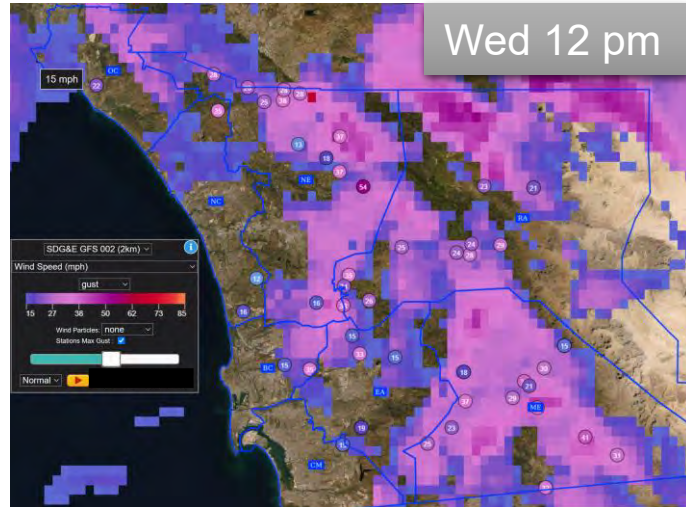


- **Start:** Winds turn easterly Wednesday am, increase through the afternoon
- **Peak:** Ramp up after sunset, peak in overnight hours
- **End:** Decrease late morning, subside by early afternoon

EXERCISE ONLY

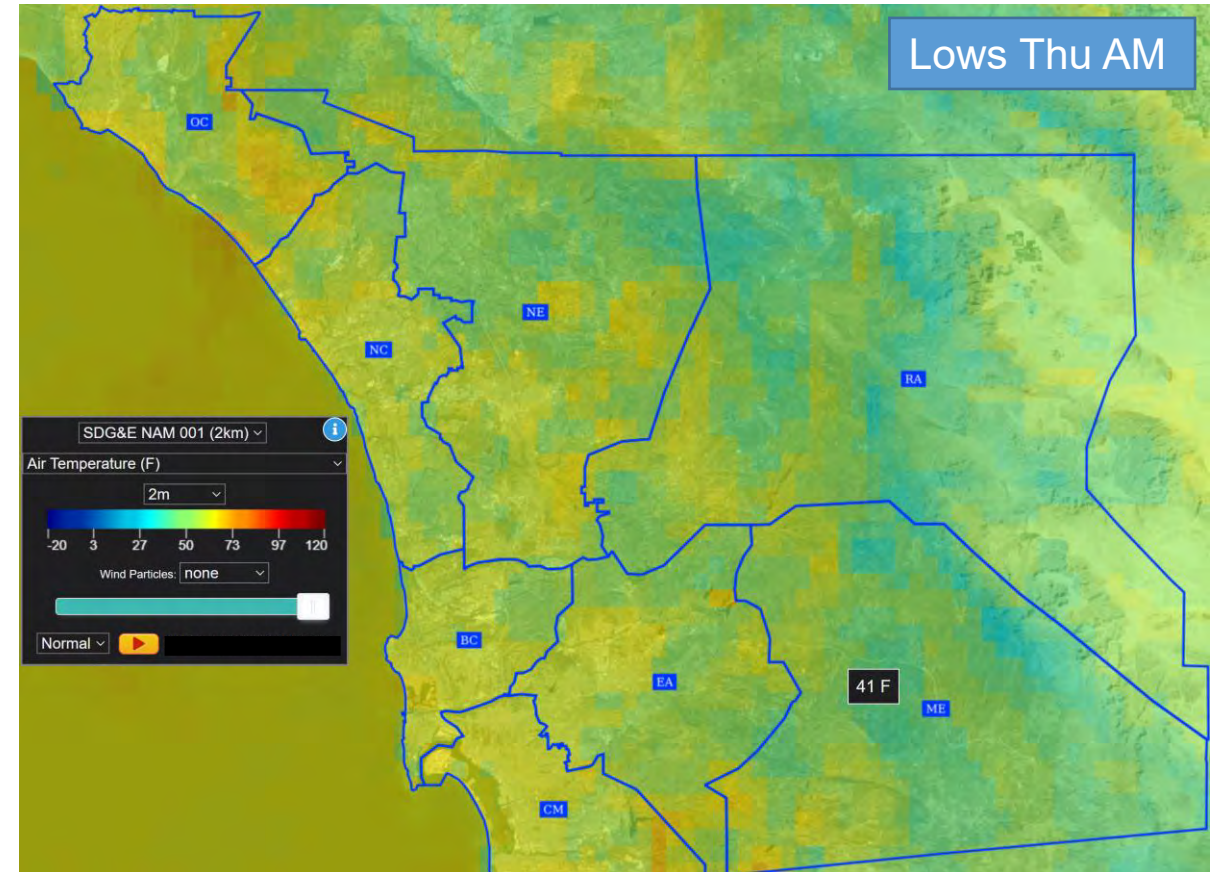
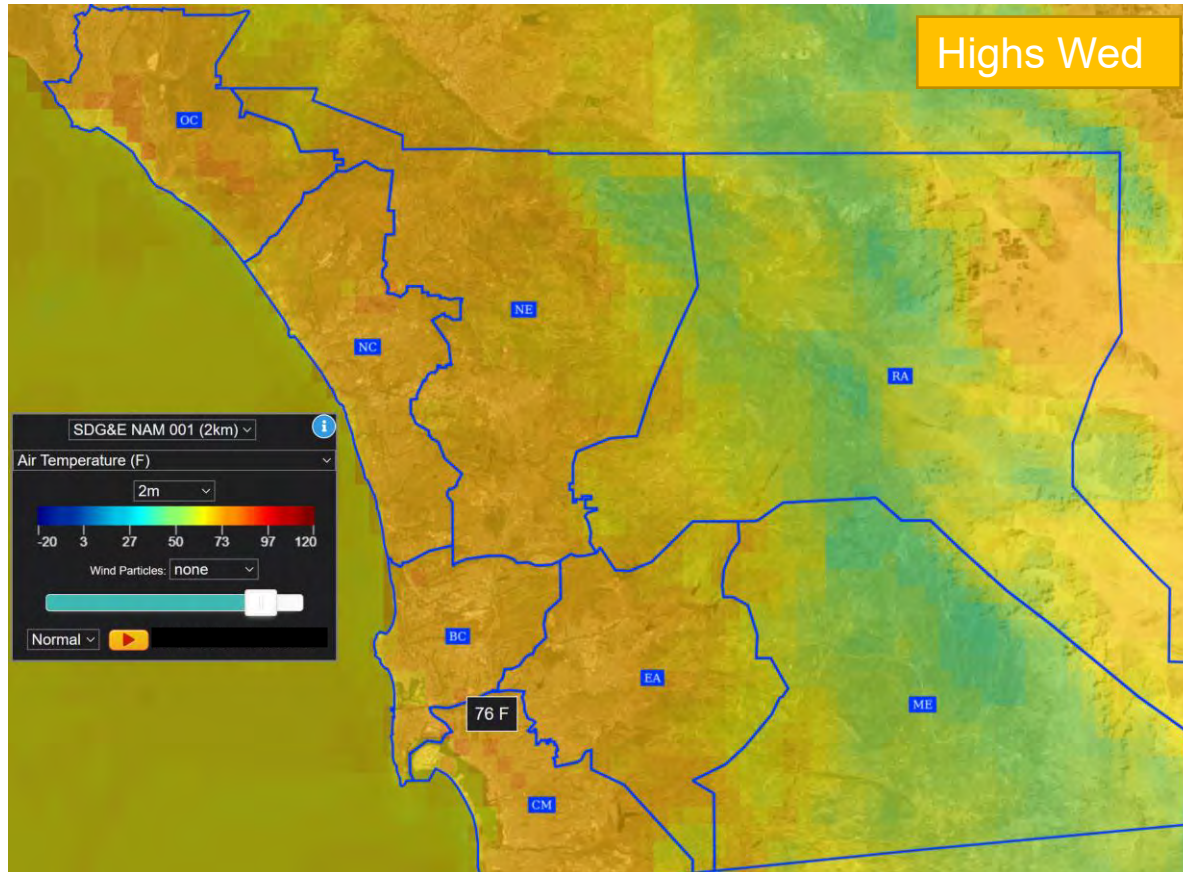
Wind Gusts

Based on strongest model



EXERCISE ONLY

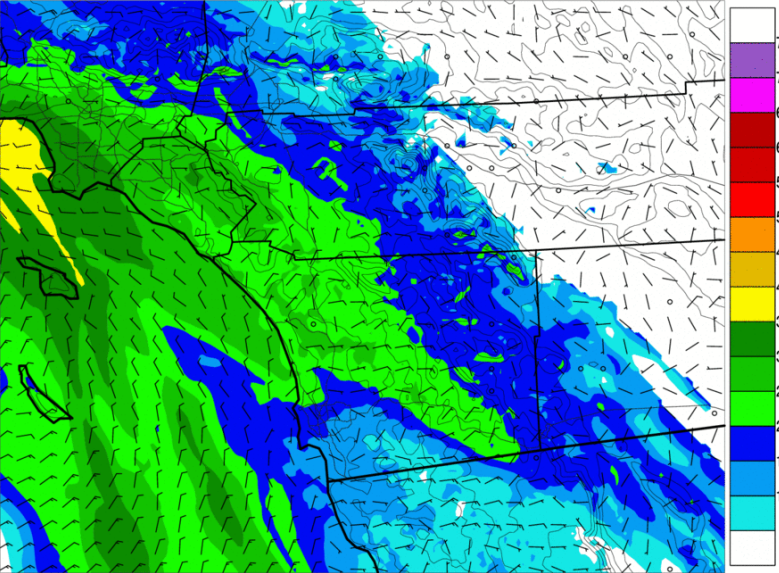
Temperatures



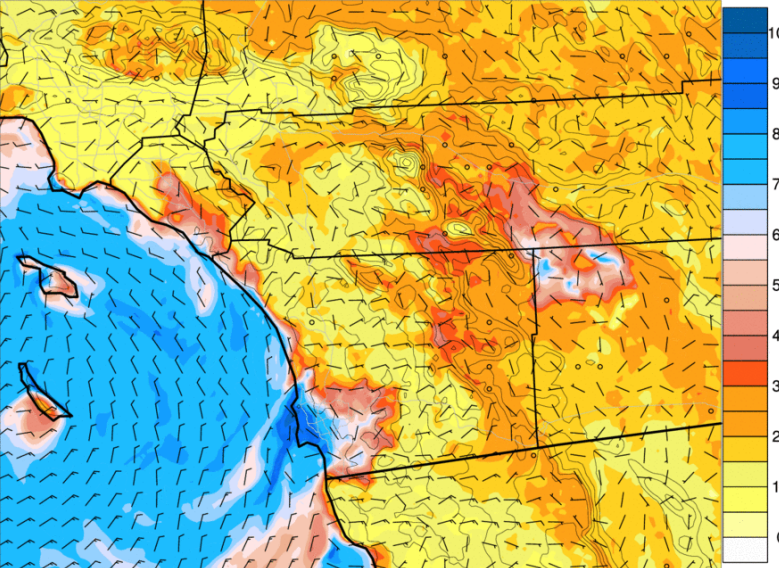
EXERCISE ONLY

Additional Details

Surface Ref(dBZ)/10m Wind Barbs(kts)
Init: 6/27/2022 HR: 05 AM
Valid: 6/30/2022 HR: 07 AM



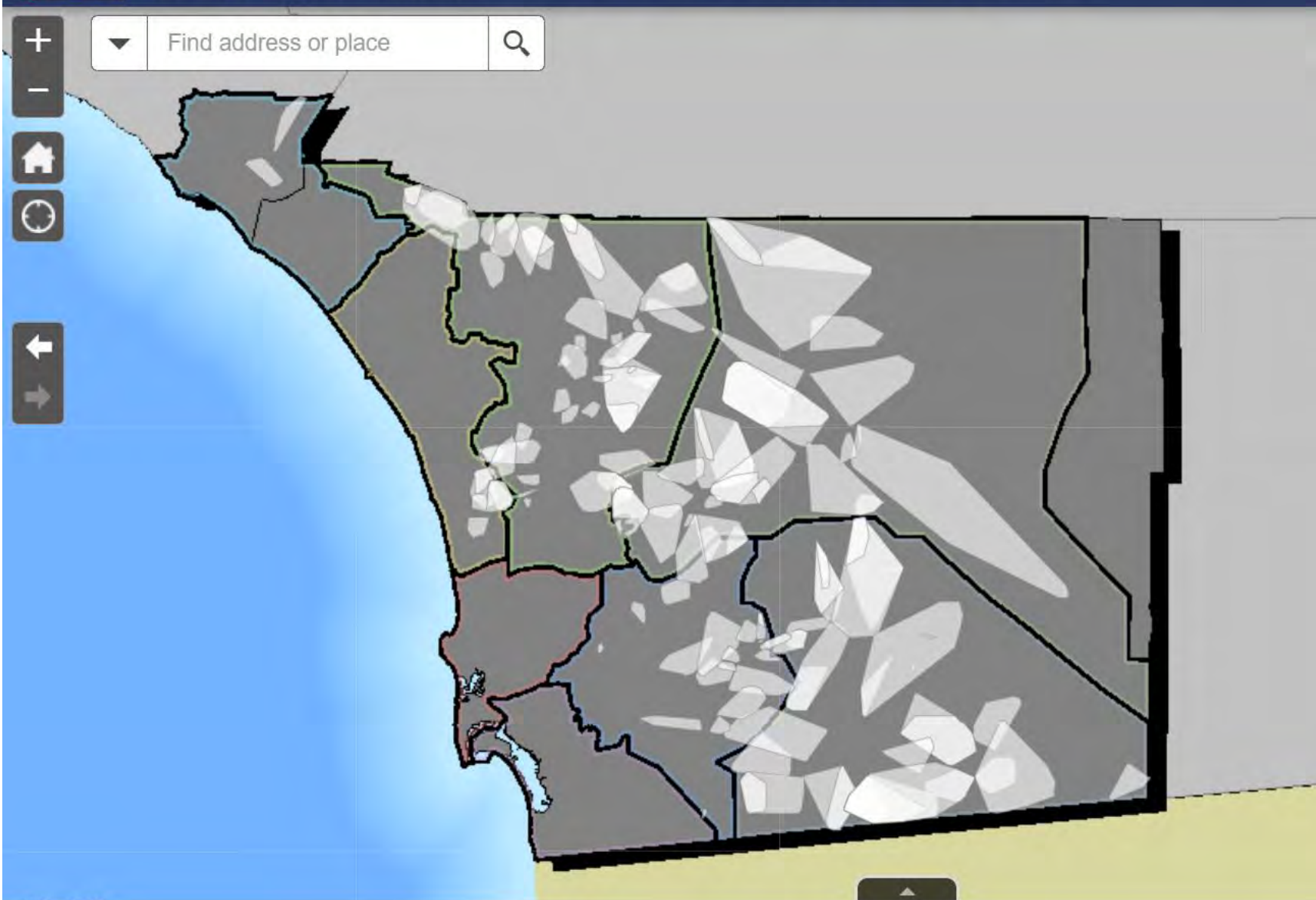
2m RH (%) / Wind Barbs (kts)
Init: 6/27/2022 HR: 05 AM
Valid: 6/30/2022 HR: 07 AM



EXERCISE ONLY

very dry, but at the same time a weak **low pressure system** off the coast will generate and spread **lots of high clouds thickening late Wednesday into Thursday**. But the **offshore flow** underneath that higher cloud deck **will be very dry**. We should get a good look at widespread **virga** Thursday, and **a few rain drops could reach the ground in the higher mountains**. The offshore winds will relent





Info Summary			
	Planned Public Safety Power Shutoff	<input type="checkbox"/>	
Total Customers:	65,520		
Total Medical Baseline (MBL):	3,693		
	De-energized Public Safety Power Shutoff	<input type="checkbox"/>	
Total Customers:	0		
Total Medical Baseline (MBL):	0		
	Re-energized Public Safety Power Shutoff	<input type="checkbox"/>	
Total Restored Customers:	0		
Total Medical Baseline (MBL):	0		

EXERCISE ONLY

Communities Potentially Impacted



40+ communities could potentially be impacted, including:

- Aguanga
- Alpine
- Bonita
- Boulevard
- Camp Pendleton
- Campo
- Cardiff
- Chula Vista
- Descanso
- Dulzura
- East San Juan
- Capistrano
- El Cajon
- Encinitas
- Escondido
- Fallbrook
- Jacumba
- Jamul
- Julian
- Lakeside
- Mount Laguna
- Nestor
- Oceanside
- Pala
- Palomar Mountain
- Pauma Valley
- Penasquitos
- Pine Valley
- Potrero
- Poway
- Ramona
- Ranchita
- Rancho Bernardo
- Rancho Santa Fe
- San Clemente
- San Diego
- San Marcos
- Santa Ysabel
- Santee
- Valley Center
- Vista
- Warner Springs

Module 1

Stage 1: Activating PSPS Protocols/Potential to De-energize

Discussion Questions

Module 1 Discussion Questions



Decision-making Process

- What meteorological factors go into this decision-making process to activate PSPS protocols?
- What is the process for deciding to activate PSPS protocols?
- For the Officer In-Charge, what decision would you make given the current information?
- Can SDG&E Electric Operations and Fire Coordinators explain what actions would occur at this time?

Module 1 Discussion Questions



Notifications and Information Sharing

- How does SDG&E do notifications for a potential PSPS event?
- San Diego 211, Orange County 211, Facilitating Access to Coordinated Transportation (FACT), and Salvation Army, can you discuss what you would be doing at this time? What information would you be looking from SDG&E?
- For impacted jurisdictions, after you receive notifications of a potential PSPS event, what are you doing to prepare? What information are you seeking from SDG&E?
- As we get closer to the anticipated PSPS event, how does forecasting change? How does this impact notifications?

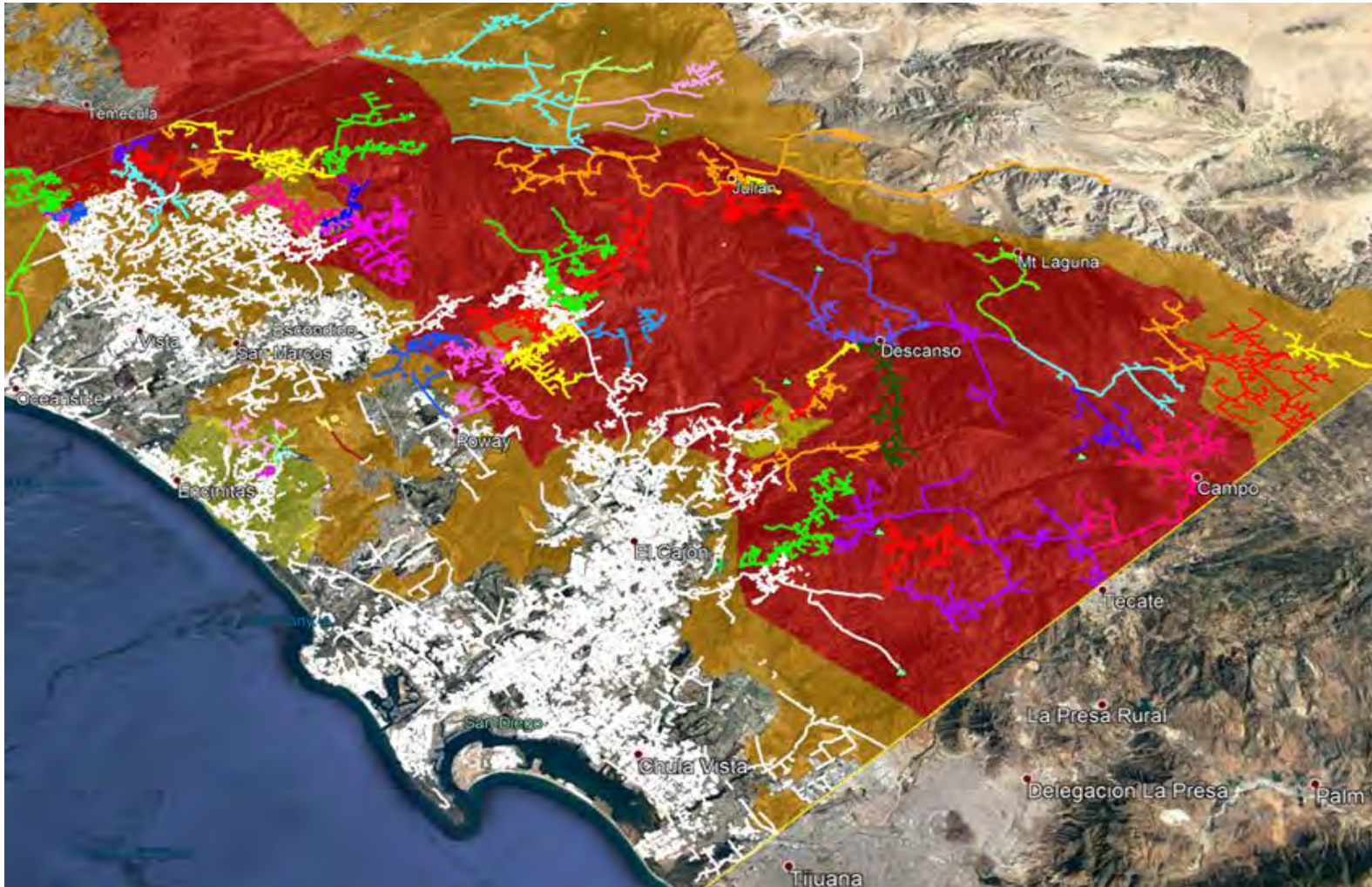
Break

Module 2

Stage 2: Decision to De-energize and Stage 3: De-energization Initiated

Scenario Update

Module 2 Exercise Scenario



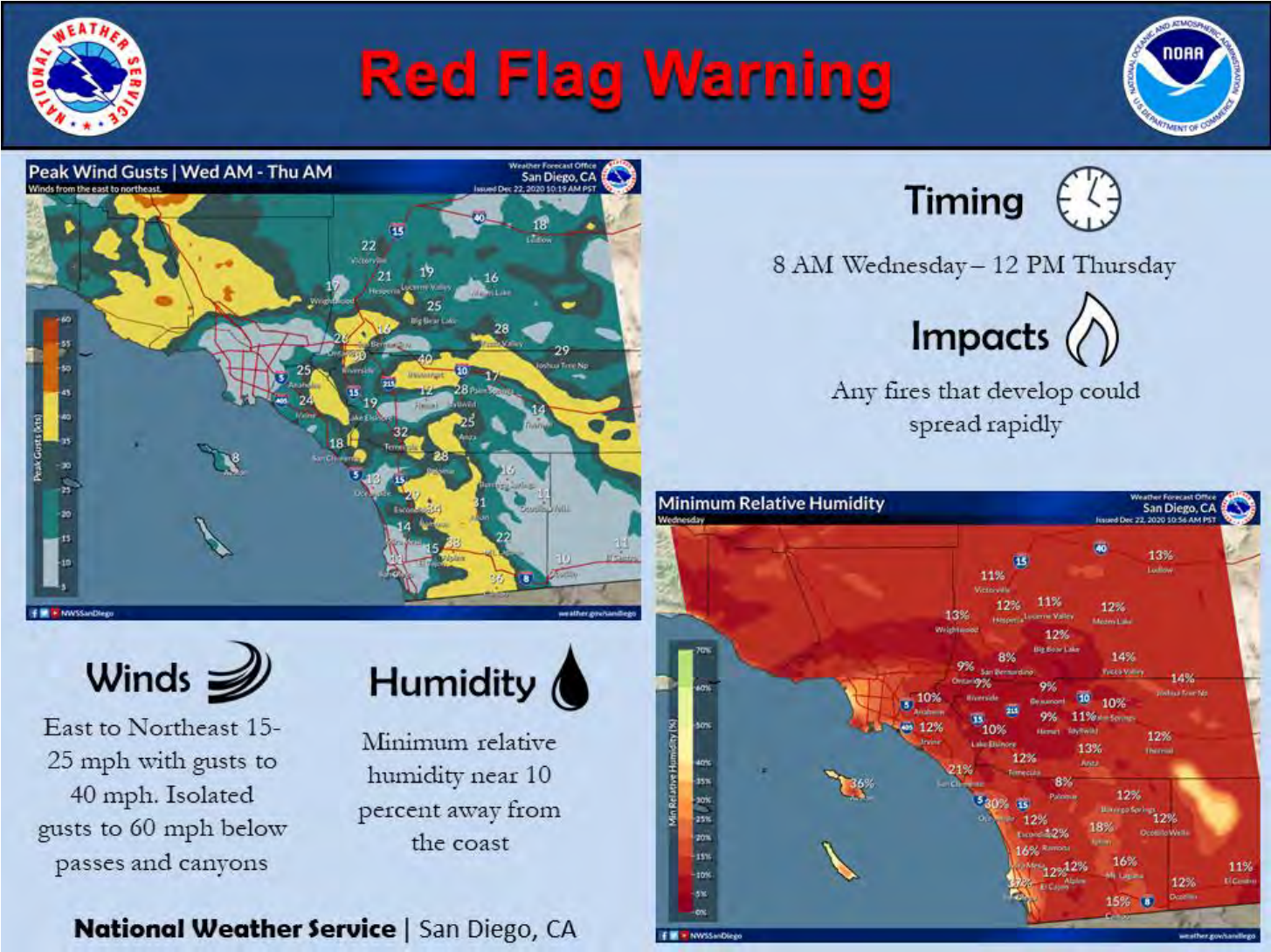
Morning Weather Update

6/29/2020

- Short-lived, moderate strength Santa Ana
 - **Red Flag Warning: Until Noon Tomorrow**
 - **Wind Advisory: Until Noon Tomorrow** for gusty winds
- Peak wind gusts of 35-50 mph across backcountry areas...isolated higher in typical wind-prone areas of Tier 3

EXERCISE ONLY

The National Weather Service has issued a Red Flag Warning in until 12 Noon Thursday for Santa Ana winds and dry conditions specifically for Inland Orange County (Zone 554) and the San Diego Valleys and Mountains (Zones 250 & 258).



Santa Ana Wildfire Threat Index (SAWTI)

EXERCISE ONLY

Zone 3: San Diego

- Wed/Jun 29
- Thu/Jun 30
- Fri/Jul 1
- Sat/Jul 2
- Sun/Jul 3
- Mon/Jul 4

NO RATING

MARGINAL

MODERATE

HIGH

EXTREME

Winds are either not expected, will not contribute to significant fire activity.

Upon ignition, fires may grow rapidly.

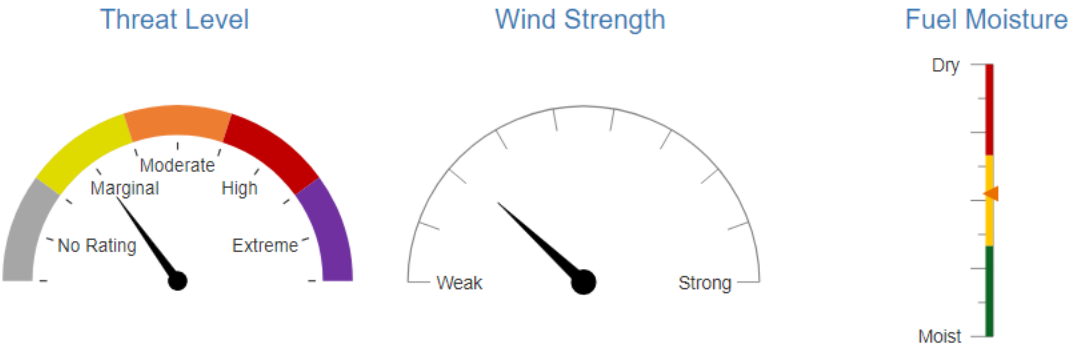
Upon ignition, fires will grow rapidly and will be difficult to control.

Upon ignition, fires will grow very rapidly, will burn intensely, and will be very difficult to control.

Upon ignition, fires will have extreme growth, will burn very intensely, and will be uncontrollable.

Forecast issued at: 6:57 AM on 6/29/2020 Valid for: 6:57 AM

Zone 3: San Diego



Event Description

Northeast to east winds of 15 to 25 mph with gusts to 40 mph will surface across the mountains and below the canyons and passes all day. These winds will be accompanied by humidity in the single digits and teens. Temperatures will be near to a little above normal, with maximum temperatures near 70 degrees across the lower elevations. Both the dead and live fuels are extremely dry.

Recommended Action(s)

Make sure that your emergency preparedness kit is in order. An emergency can happen at any time. Clean debris away from your house. For additional information visit: www.ReadySanDiego.org www.preventwildfireca.org

Tweets by @sawti_forecast

SAWTi Forecast
@sawti_forecast
Northeast to east winds will be mainly between 15 to 25 mph with gusts to 40 mph. The windiest areas will have gusts to 60 mph. Humidity will drop into the single digits late this morning and then continue through this evening. Winds will become light Thursday morning.

SAWTi Forecast
@sawti_forecast
San Diego on 2022-06-29 is forecast to be MARGINAL. Visit fsapps.nwcg.gov/psp/sawti for more information and recommended actions

SAWTi Forecast

Embed

View on Twitter

Zones	Wed/Jun 29	Thu/Jun 30	Fri/Jul 1	Sat/Jul 2	Sun/Jul 3	Mon/Jul 4
Zone 1: LA-Ventura						
Zone 2: Orange-Inland Empire						
Zone 3: San Diego						
Zone 4: Santa Barbara						

Fire Potential Index (FPI) Outlook 6/29 – 8/05

Seven Day FPI Outlook:

	Wed 06/29	Thu 06/30	Fri 07/01	Sat 07/02	Sun 07/03	Mon 07/04	Tue 07/05
ME	Extreme 15	Elevated 14	Elevated 12	Elevated 12	Normal 11	Normal 9	Normal 9
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EA	Extreme 15	Elevated 14	Elevated 12	Elevated 12	Normal 11	Normal 9	Normal 9
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BC	Elevated 14	Elevated 13	Normal 11	Normal 10	Normal 9	Normal 9	Normal 9
CM	Elevated 14	Elevated 13	Normal 11	Normal 10	Normal 9	Normal 9	Normal 9

- No changes to FPI during the event
- Cloudy skies but RH in teens, pockets of single digits
- Fuel moistures fairly dry
- Small amount of green grass

EXERCISE ONLY

Current & Forecasted Conditions

- Santa Ana winds will peak this afternoon/evening and will trend downward through the early morning hours, current widespread gusts in 30's.
- The FPI will be Extreme for inland districts and Orange County today, Elevated for all districts Thursday, back to Normal for coastal areas Friday.
- SAWTI will remain MARGINAL today and back to normal "NO RATING" tomorrow.
- Fair weather Friday through the weekend with abundant sun and mild temperatures.
- Becoming stormy late Sunday/early Monday with rain and mountain snow into Tuesday morning.

EXERCISE ONLY

Module 2

Stage 2: Decision to De-energize and Stage 3:
De-energization Initiated

Discussion Questions

Module 2 Discussion Questions



Decision to De-energize

- Can Meteorology describe the systems that are used for weather tracking, cameras, and data retention?
- Given the updated scenario briefing, can SDG&E provide a demonstration of the de-energization decision process?
- Specific to the SDG&E's Internal PSPS Dashboard, can you explain what the difference between a sectionalizing device and a circuit are?
- Can you explain a situation where we would de-energize not based on the winds and alert speed?

Module 2 Discussion Questions



Community Resources

- How are Community Resource Centers (CRCs) opened?
- What services are available to the Access and Functional Needs community during a PSPS event?

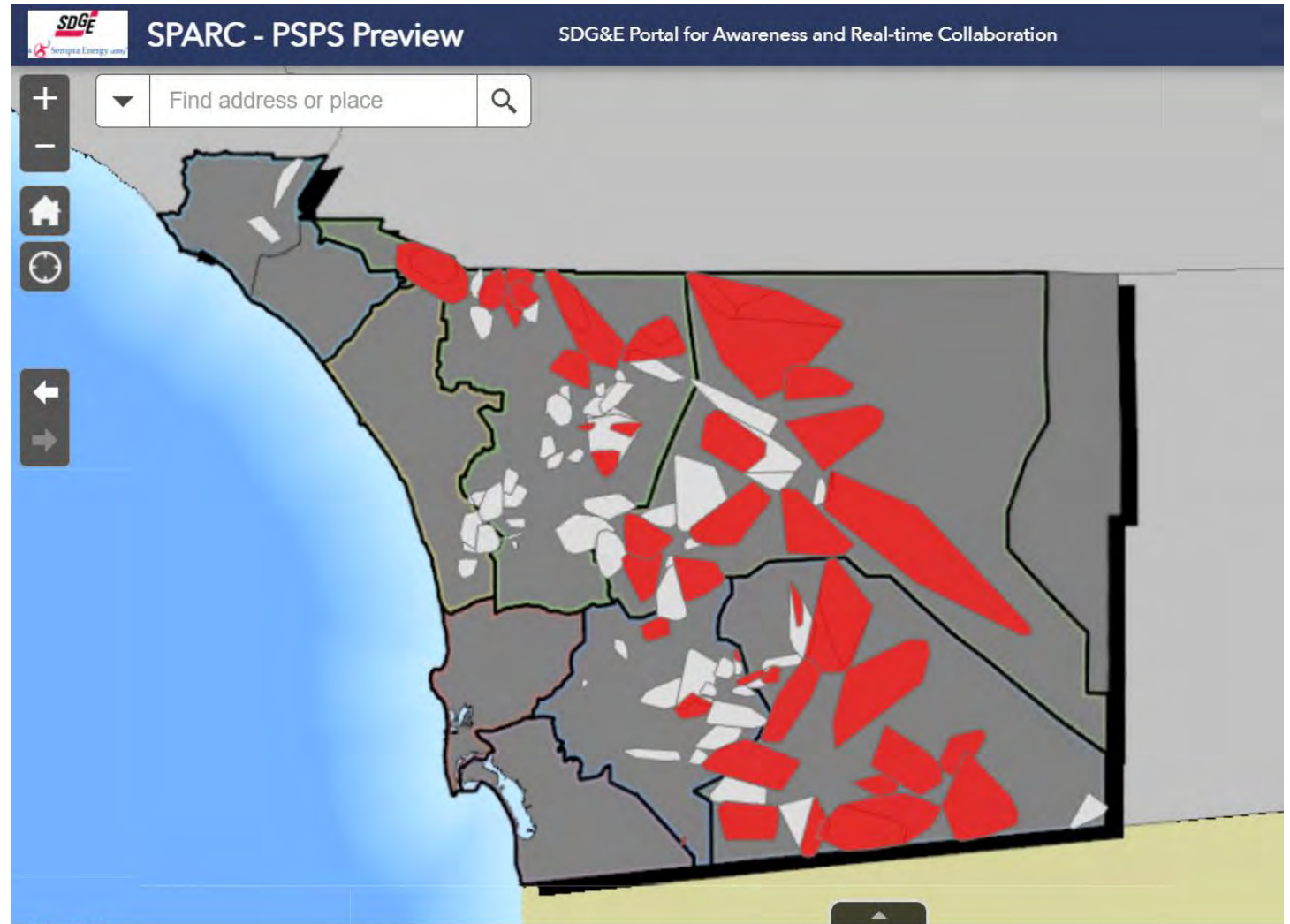
Module 3

Stage 4: Initiating Re-energization Protocols and Stage
5: All PSPS Lines Re-energized

Scenario Update

Module 3 Exercise Scenario

It is Thursday evening and favorable conditions have emerged. A total of 40 devices were de-energized. The re-energization protocols can begin.



Module 3

Stage 4: Initiating Re-energization Protocols and Stage
5: All PSPS Lines Re-energized

Discussion Questions

Module 3 Discussion Questions



Re-energization Decision-making Process

- As we begin to look at re-energization, how do we know what the re-energization plan is?
- Can Electric Operations discuss the patrol process?
- Can SDG&E demonstrate the decision-making process to direct re-energization?
- How do unplanned outages impact the re-energization process?
 - How would an unplanned outage impact the notification processes?

Module 3 Discussion Questions



Notifications and Demobilization

- What notifications occur during re-energization?
- What is the process for closing CRCs after re-energization is complete?
- What demobilization activities occur at the conclusion of a PSPS event?

Break

Hotwash

Hotwash Questions



- What were some strengths observed today that need to be sustained?
- What issues were identified during this exercise?
 - How would this impact response?
 - What improvements are needed to ensure an effective response in the future?
- What communication challenges were identified (both internal and external) and how can we improve coordination?

Final Remarks

SDG&E Feedback Survey



SDG&E Contact

Jessica Kunert

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