

A FIRE WEATHER **RISK DECISION TIMELINE**

Extended Fire Condition Forecasting -8-14 Day Awareness of Trends

Indji Watch Two Week Plan Dashboard

Asset specific forecasts for awareness of future high wind events and focus on trends in repeated forecast updates.







Fire Condition Forecasting 4-7 Days Out

Indji Watch Plan Of Week Hourly Updated Forecasts For Specific Grid Assets

- Identify early high fire risk areas and circuits potentially impacted. ٠
- Begin communication with internal stakeholders for recloser settings, field work modification and possible communication of a proactive power shut-off for high-risk circuits.
- Community outreach to critical customers.

Increase Business Unit Awareness And Readiness With Red Flag Warnings and High Wind Alerts 24-72 Hours Out

Indji Watch's patented monitoring solutions can provide NWS Red Flag Warnings and High Wind alerts specific to a utilities' chosen High-risk Fire Areas, Fire Weather Zones or Grid Operations districts.

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- Easily identify high-risk circuits and communities for potential pro-active power shutoff.
- **Control Center and Electric Field Operations** begin to coordinate possible recloser setting changes based on expected asset impact.
- Clearly identify areas of field work modification to help prevent ignitions with Red Flag alerts and Forecast Wind alerts related to the high-risk zones and circuits in a mobile Threat Dashboard.

1:52 PM (1 hour ago)

Forecast Wind M	lonitorin	ng F	Rule Se	ttings		
Location	Surface Wind [mph]			Surface	Gust	[mph]
Irvine - Bake Pkwy	40.00	\$	Alert 🗹	52.00	\$	Alert 🗹
Long Beach - Lincoln Park	40.00	\$	Alert Z	52.00	\$	Alort 🗹
Rosemead - Walnut Grove Ave	40.00	÷	Alert Z	52.00	\$	Alert 🗹
Torrance - Del Amo	40.00	1	Alert Z	52.00	:	Alert 🔽

Move beyond National Weather Service alerts with asset specific forecasts and custom alert thresholds.

12-48 Hours Fire Condition Forecasting Alerts



Indji Alert: High wind forecast at YD-55 to YD-42 imes Notifications x

notification-america@indji.net

High Forecast Wind Alert

Indji has detected surface gust forecast exceeding 29.1 mph at YD-55 to YD-42 at the following times:

- 5PM on Mar 26 until 10PM on Mar 26
 2PM on Mar 27 until 8PM on Mar 27
 2PM on Mar 28 until 5PM on Mar 28

Go to https://www.indji.net/watch to view further details in the Indji Watch client.

- Electric Field Operations can pre-position crew and materials
- Managers can adjust shifts and personnel levels
- Patrol personnel can monitor at-risk vegetation and conductors
- Control Centers begin to modify recloser setting changes, with Red Flag Warnings and asset specific forecast high wind alerts

Indji Watch Call: 650.641.2653 Email: info@indji.net Online: www.indjiwatch.com



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Real-time to 12 hours monitoring of severe storms by the control centers allow systems operators to respond more quickly to dynamic weather and wildfire events.



8+ hour forecast radar and forecast lighting animations allow for planning of lightning and microburst damaging wind events.

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Item Information \times			i i		Bailey Ro
US Current Conditions Wi	nd Speed and Direction (木item)				
Station Name	SCE Pellisier Rd 🔍		1 = 1	1	ey Rd
Weather Conditions					Bail
Temperature [F]	47.50				
Relative Humidity [%]	71.31				
Wind Direction	West	Re	 Ba	nducci Rd	
Wind Speed [mph]	12.60				
Wind Gust [mph]	17.80	×			
Time Observed To	day, 3:50 PM (GMT-7, MST)				

Public and Utility owned integrated weather stations access allows Indji Watch users to see the real-time damaging wind gust and direction updates directly in relationship to grid assets in high-fire risk areas.

Indji Watch's patented alerting method provides high-probability satellite hot spot alerts and wildfire alerts based on utility defined distances to circuits



High-probability satellite hotspot alerts for early detection of ignitions near grid assets from mechanical, lightning or even blowing embers. Animate hotspots and smoke direction.



Wildfire response personnel and grid operators respond to asset specific alerts of agency reported fires within custom thresholds, inspect the details of the fire, view satellite reported leading edges and communicate between shifts.



Grid operators have instant access to the smoke detection cameras closest to a wildfire or satellite hotspot with integrated asset awareness and access to full camera site at their fingertips.

Restoration Day 1+

Plan of Day

Site: Beaver/Port Westwar 🔻

 Grid operators and Electric Field Operations begin inspections and restoration.



- Helicopter and drones can speed inspections and restoration. Most drones are limited to sustained winds of 20 – 25mph, and bucket trucks at 30-35mph. The Indji Watch forecast dashboards and alerting tools can help utilities know when drones can be available, and other specialized equipment used safely.
- For Troubleman, Lineworkers and any mobile personnel, continued safety is the key during restoration. Indji Watch alerts and mobile weather tools provide awareness of lightning challenging the grid, or any severe weather that could impede travel or maintenance.