

GUIDE TO DOWNLOADING THE INDJI WATCH RENEWABLES APP AND USING THE NEW ON-SITE LIGHTNING ADVISOR

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STEP 1:

Verify that you have the latest version of the Indji Watch Renewables App loaded on your iPhone or Android device. To do this, visit your app store on the phone. In this example the user has an iPhone. In the search bar type "Indji Watch Renewables".

This will locate the app and you will see the image on the right. Click on it and choose Install. If Indji Watch Renewables is already installed on your phone, move to step 2.



STEP 2:



If you just downloaded the app, choose 'Open' after the Installation is completed. If you already have Indji Watch Renewables downloaded to your phone, click the app icon and enter the same login credentials you use for the web client. You can save these credentials so you do not have to login each time.

STEP 3:

After choosing Sign In you will see the screen on the right.

This is the dashboard view which you will also see in the web client with a different layout. Depending on the weather pattern you may see every tile green. The orange or red tiles indicate weather hazards that are meeting hazard threshold criteria you have set for that site.

Click on the tiles to view the information behind them. Familiarize yourself with this dashboard as a way to quickly identify threats to the site where you are working.



By choosing the "Map" button in the lower right of your screen, you will access the map view which shows radar and lightning. That view is shown on the next page.

You can scroll, pan and zoom on this image.



STEP 4:



Using the animation button you can animate radar imagery, forecast lightning and other layers.



You can turn on additional layers such as temperature and wind speed using the layer button.



The arrowhead button is the "locate your position" button. Choose that and you see the image below.



You can choose to allow the App to find your location once or each time you use the App. We recommend choosing "allow while using the app". This is important to take advantage of the On-Site Lightning Advisor.

Note: There is a mobile app tutorial video in the Online Help section of the web client. We recommend you watch that video for a hands-on, verbal training session on the Mobile App.



ON-SITE LIGHTNING ADVISOR

This new feature is located in the dashboard view and is contained in the upper left tile labeled "Lightning". It is important to note that to use this feature, the app must know your location.

The On-site Lightning Advisor works while you are onsite at the wind or solar farm by allowing the app to monitor your location. It is important to note that your location is monitored while you are working inside the Warning Zone ring only. Once your location moves outside the Warning Zone ring the On-site Lightning Advisor will go into pause mode.

When you are on-site the lightning tile will display the nearest lightning strike to your location FOR LIGHTNING IN EITHER THE WATCH OR WARNING ZONE. An example would be that you are working on the far east end of the wind farm and the lightning is on the west end of the warning zone and your location is 37 miles from the strike. Below is a visual of that situation.





In this scenario, with company approval, the technicians may continue working, possibly finishing the job and returning the turbine to operation. Potentially the lightning may never come any closer and the technician would have never experienced an interruption in work.

As a reminder the On-site Lightning Advisor operates when lightning is **in either the watch or the warning zone only**. Your settings in the web client determine how large each zone is. Below is an example of what you will see in the mobile app when lightning is occurring in the warning zone and you are working on-site.

Lightning Details 1 The closest five strikes to your handset location in the last 30 min are: IJ, · 22.1 mi SE (7 minutes ago) 23 mi SE (7 minutes ago) 23.3 mi SE (7 minutes ago) Lighting Warning · 25 mi E (8 minutes ago) Closest strike to you · 25.5 mi E (8 minutes ago) location 22.1 mi SE Note this information is not real time, there is always a lag of up to one minute between the time a lighting strike occurs and the time it is displayed in Indii Watch. The proximity information above updates once a minute, it was last updated 53 seconds ago. ð: **UW NWS Bulletins** Wind Forecast * ð-

Notice the lightning tile indicates that lightning is in the warning zone 22 miles from your location. If you click on the tile you will see the details of the last five lightning strikes to your location. This can be very helpful in letting you know if the lightning is getting closer to or further from your location.

To view the lightning in real-time, simply choose the map icon in the lower right of your screen and view the lightning strikes on the map in relation to your location.

ALERTS FOR LIGHTNING

The On-Site Lightning Advisor will work even if you are not set-up to receive our text alerts for lightning in the watch or warning zone. However, the text alerts compliment the On-Site Lightning Advisor feature. A reception of an alert for lightning in the watch zone can be your que to start using the mobile app and keep an eye on the lightning dashboard tile. The On-Site Lightning Alert feature will be activated as soon as the first strike in the warning zone occurs and the tile will display that strike to your on-site location.

