



California ISO

Variable Energy Resource Forecasting Documents in RIMS and Forecast Creation

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Short Term Forecasting

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STF Information Webform (SiteInfo)

To Locate: Project View page > STF Information *(be sure to fill out all fields)*



Met Station Sharing

If set to N will automatically mark sharing agreement bucket 1 item not required on submittal.



Meteorological Equipment Information

This section is intended to gather what instruments used for each met point. Duplicates are okay.



Submissions

Submit after uploading topo map, shapefile, sharing agreement *(if applicable)*.



Common Issues

- AC Capacity > DC Capacity, opposite is expected
- Numerical values instead of instrument info in met equipment
- Mismatch between webform and shapefile (automated error message sent)

Shapefile

QGIS File

QGIS file to be uploaded
in normal project files
location

- Upload zip file after
filling out STF
information webform
- <Project Key>
Shapefile Ver#.zip

Review

Shapefile and topo map are
not immediately submitted
for review when uploaded

After uploading both and
filling out STF info, “Submit”
under STF Information will
submit all of them together
for review.

Resource

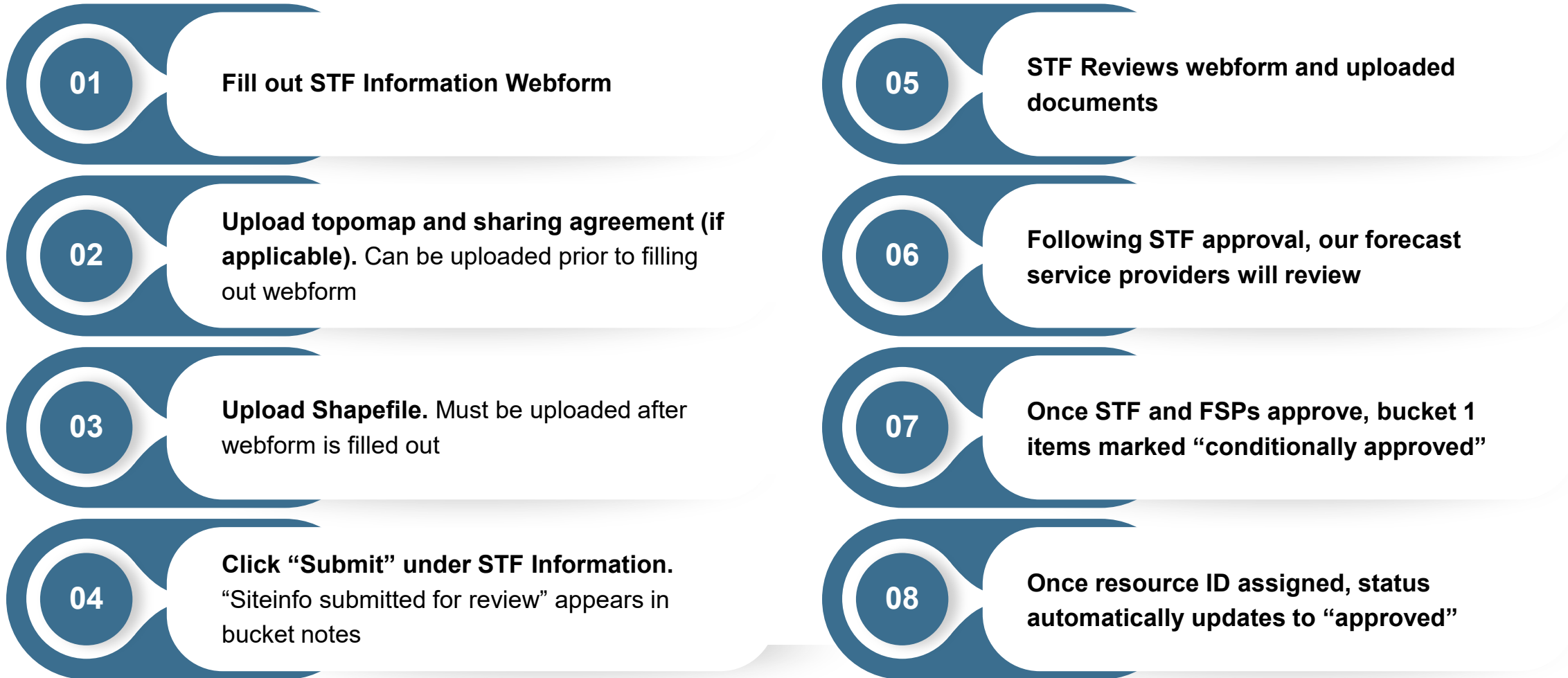
See Bucket 1 section of
the [NRI page](#) for
templates and a video
demonstration

Verify

Automated checks run
with STF info upon upload

If there are issues, there
will be a pop-up and an
email sent with more
information

Bucket 1 Forecasting Document Process



Shapefile Error message: Shapefile Layer “has some issue”

RIMS **cannot** read Shapefile

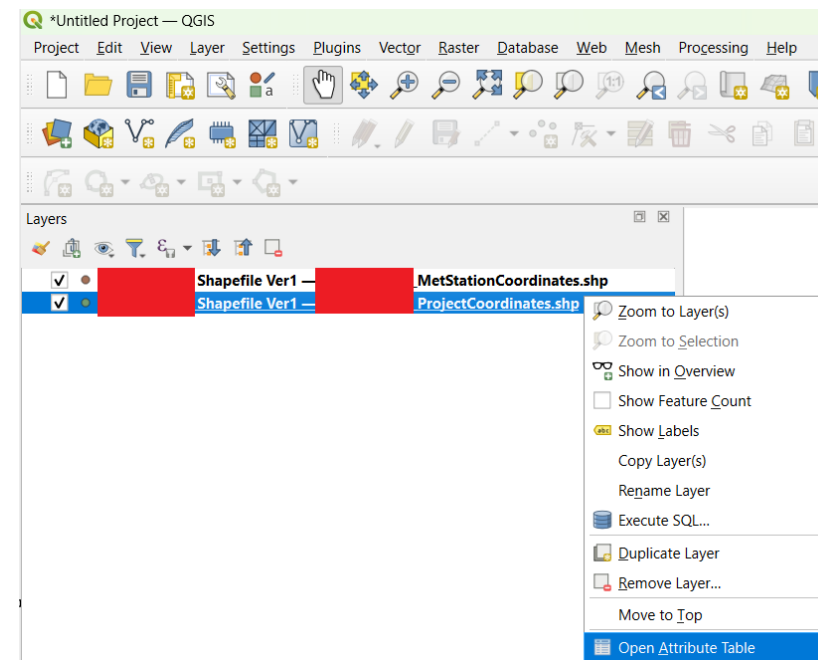
- Usually an issue with column formatting
 - Either incorrect name or order

To troubleshoot, open attribute table in GIS software

- Check columns are as expected, in expected order
 - **Project Coordinates:** “Latitude”, “Longitude”
 - **Met Station Coordinates:** “Met Statio”, “Latitude”, “Longitude”
 - **Turbine Info:** “Turbine ID”, “Turbine EI”
“Turbine He”, “Latitude”, “Longitude”

Your Upload Request failed due to the errors/omissions listed below. Correct and reupload the files

- Met Station Coordinates of the uploaded shape file, [REDACTED]_MetStation-Coordinates.dbf, has some issue. File not uploaded.



Shapefile Error message: Shapefile layer does not match project <Project Key> available in RIMS system



Your Upload Request failed due to the errors/omissions listed below. Correct and reupload the files

- Met Station Coordinates of the uploaded shape file does not match with project [redacted] available in RIMS system. File not uploaded.

Troubleshoot Error Message: Open attribute table in GIS software

- Compare specified layer with information in STF Info
- Specify same number of decimal places in each

Meteorological Station Location			
Search			
Meteorological Station Coordinates (WGS84 datum)			
Actions	Meteorological Station ID Numbers	Lat	Long
	1	38.198367	-122.256463

Met Station	10
Latitude	38.198367
Longitude	-122.256463

Shapefile Error: File(inside the zip file) does not belong to the project

- Check naming of files within zip for incorrect project key
- Ensure naming matches expected convention, no extra spaces
 - E.g. “<Project Key>_ MetStationCoordinates.shp” throws error due to extra space
- Shapefile layer expected naming conventions:
 - **Corner Coordinates:** “<Project Key>_ProjectCoordinates”
 - **Met Station:** “<Project Key>_MetStationCoordinates”
 - **Turbine Info:** “<Project Key>_TurbineInfo”



VER Forecasting Stages

