**Using the GFE Site Activation Web Page**[**¶**](https://collaborate.nws.noaa.gov/trac/siteconfig/wiki/GfeActivateSite#UsingtheGFESiteActivationWebPage)

In AWIPS-2, deactivating and activating a site is the equivalent of stopping/starting the ifpServer in AWIPS-1. This page discusses the steps needed to activate GFE processes for a inactive site, as well as deactivating/activating an already activated site, using the GFE Site Activation web page:

http://localhost:8080/uEngineWeb/GfeServiceBackup/activate\_site.html

**Note**: Replace localhost with the appropriate server name. On a "full" AWIPS system, this is dx3. On an ADAM box, this is adam1.

**Files**[**¶**](https://collaborate.nws.noaa.gov/trac/siteconfig/wiki/GfeActivateSite#Files)

In order to activate GFE processes for a site, you need to ensure you have the appropriate files in the site-level GFE server configuration directory. The site GFE server configuration directory is located here:

{EDEX\_HOME}/data/utility/edex\_static/site/XXX/config/gfe

**siteConfig.py**[**¶**](https://collaborate.nws.noaa.gov/trac/siteconfig/wiki/GfeActivateSite#siteConfig.py)

The siteConfig.py file is required before activating GFE processes for the site. In most cases, this file should already be in place for your site after the install process. If not, or if you wish to activate GFE for a site other than your own, copy an existing version of the file into the appropriate directory. The below command uses the OAX file as an example. Run the following command as user **awips**:

cp $EDEX\_HOME/data/utility/edex\_static/site/OAX/config/gfe/siteConfig.py $EDEX\_HOME/data/utility/edex\_static/site/XXX/config/gfe/

Once the file is in place, edit GFESUITE\_SITEID and GFESUITE\_MHSID, replacing OAX with the appropriate site. All other settings remain the same.

GFESUITE\_SITEID = XXX

GFESUITE\_MHSID = XXX

**localConfig.py**[**¶**](https://collaborate.nws.noaa.gov/trac/siteconfig/wiki/GfeActivateSite#localConfig.py)

The localConfig.py file, which is also placed in this directory, is not required for site activation.

**Syntax Check**[**¶**](https://collaborate.nws.noaa.gov/trac/siteconfig/wiki/GfeActivateSite#SyntaxCheck)

You can check localConfig.py and siteConfig.py syntax by using the **Validate Config:** option on the web page. Put the site ID into the text box and click the **Validate** button. The page returns a popup box stating the fiels are ok or there are errors.

**Activating a New Site**[**¶**](https://collaborate.nws.noaa.gov/trac/siteconfig/wiki/GfeActivateSite#ActivatingaNewSite)

Once the siteConfig.py file is in place, open the GFE Site Activation Web Page in Firefox and follow these steps:

1. Type the site ID (XXX from the steps above) into the Activate Site Text Box
2. Click **Activate Site**. Once the Site is active (can take several minutes):
   1. The site ID appears on the Active Sites line on the web page
   2. A “Site Successfully Activated” message is written to the EDEX-Ingest log

**Restarting an Active Site**[**¶**](https://collaborate.nws.noaa.gov/trac/siteconfig/wiki/GfeActivateSite#RestartinganActiveSite)

In order for certain changes to an active sites configuration files (i.e. - localConfig.py) to be read by EDEX, you must restart GFE services for the site. Open the GFE Site Activation Web Page in Firefox and follow these steps:

1. Type the site ID (XXX from the steps above) into the Deactivate Site Text Box
2. Click **Deactivate Site**. Once the site is deactivated (usually takes less than a minute):
   1. The site ID will drop off of the Active Sites line on the web page
   2. A “Site Deactivated” message is written to the EDEX-Ingest log
3. Type the site ID into the Activate Site Text Box
4. Click **Activate Site**. Once the site is activated (can take several minutes):
   1. The site ID appears on the Active Sites line on the web page
   2. A “Site Successfully Activated” message is written to the EDEX-Ingest log