Procedure: How to Manually Process Subscription Files in a Local Environment

Open Terminal

CD to the directory with the SRC directory.

Place the subscription file into the same directory as the SRC Directory

Enter this script into the command line:

Python3 -m src.main *subscriber\_file.csv* *target\_directory*

The target directory will be created at the same directory level as the src directory.

Take the corrected\_subscriber file, strip off the first column and save as a csv with this name cust\_id\_Uploaded.csv and put it in the subscriber directory on the server:

var/www/broadband/uploads/cust\_id/filing\_period {yyyy-mm-dd}/subscribers

python3 -m src.main *“subscriber\_file”*.csv *cust\_id*

If this is the first time you are using this directory, run these scripts:

export SMARTY\_AUTH\_ID=6d0b32eb-654c-5b17-d253-f259cb4ec156

export SMARTY\_AUTH\_TOKEN=iSmflAxuWs6oMPRJJMlZ

Procedure: How to Manually Process Subscription Files Using Cameron’s Code

Process if using a Mac computer.

Open Terminal

Enter this command: ssh root@www.regulatorysolutions.us -p 22

Type in the Password: somebodyputbutterinthehairdryer

Run these commands:

cd /var/www/broadband/  
python3 validate\_subscription\_isp.py {isp\_id} 2025-06-30

Substitute the real company ID for {isp\_id}.

If the input file is correct, a subscription\_processed directory will be created at this directory level:

var/www/broadband/uploads/cust\_id/filing\_period {yyyy-mm-dd}

The work is done.

To run polygons  
If you ssh to [regulatorysolutions.us](http://regulatorysolutions.us/), then cd /var/www/broadband, then run this:  
python3 make\_wired\_locs.py {isp} {tech}  
so if the isp is 477 and the tech is fiber it would be :  
python3 make\_wired\_locs.py 477 fiber  
if it is cable you put cable instead of fiber. Tech options are fiber, cable, dsl, and copper.  
these can take a while because we are querying against the whole fabric.

How to automatically fix any indention issues with python code:

Load:

pip install autopep8

Then run the command line script:

autopep8 --in-place --aggressive *code\_name*.py

How to catch syntax errors

pip install flake8

flake8 *code\_name*.py

Check validate\_subs.log for Code A output:

cat validate\_subs.log | grep "Code A"

Run Code A Manually:

python3 /var/www/broadband/src/main.py /var/www/broadband/uploads/444/2025-06-30/subscribers/subscriber.csv 444 --output-dir /var/www/broadband/uploads/444/2025-06-30

Tokens and ID for Smarty:

export SMARTY\_AUTH\_ID=6d0b32eb-654c-5b17-d253-f259cb4ec156

export SMARTY\_AUTH\_TOKEN= iSmflAxuWs6oMPRJJMlZiS

mflAxuWs6oMPRJJMlZ