# ------------------------------------------------------------------------------------------------------------------------------------

# Dear API client,

# We kindly remind you that this sample data is provided to you for information and trial purpose only.

# You shall make use according to our General Conditions applicable to SEMOpx Information Product that you expressly accepted.

# Therefore, you are not entitled to access and use it for External Usage, including commercial purposes.

# Moreover, in no case should SEMOpx be held liable for the content of this data.

# Kind regards,

# Your SEMOpx Market Data Team

# @version 1.0

# ------------------------------------------------------------------------------------------------------------------------------------

# =============================================================================

# Packages

# =============================================================================

from zeep import Client

# =============================================================================

# Parameters ; please personalize the green parts

# =============================================================================

# API parameters

localwsdl = Path/to/localWSDL/ETSOpenAccessWebService.wsdl'

apiURL = ‘<https://ets-simu2.svpx.api.epexspot.com:4444/OpenAccess/3.3>’

binding = '{urn:openaccess}OpenAccess\_3.3OpenAccessSoapBinding'

# Connection parameters

user = ‘APIUSER’

password = 'PASSWORD'

# =============================================================================

# Create and set client up (without the certificate management part)

# =============================================================================

client = Client(localwsdl)

service = client.create\_service(binding, apiURL)

# =============================================================================

# Establish Connection

# =============================================================================

params = {'userLoginName':user, 'password':password}

resultsEC = service['EstablishConnection'](\*\*params)

# =============================================================================

# Log out

# =============================================================================

headerLogOut = {'AsynchronousResponseHeader':{'asynchronousResponse':1}}

headerLogOut['SessionToken'] = resultsEC ['header']['SessionToken']

service.Logout(\_soapheaders=headerLogOut)