Testing Web Services using browser

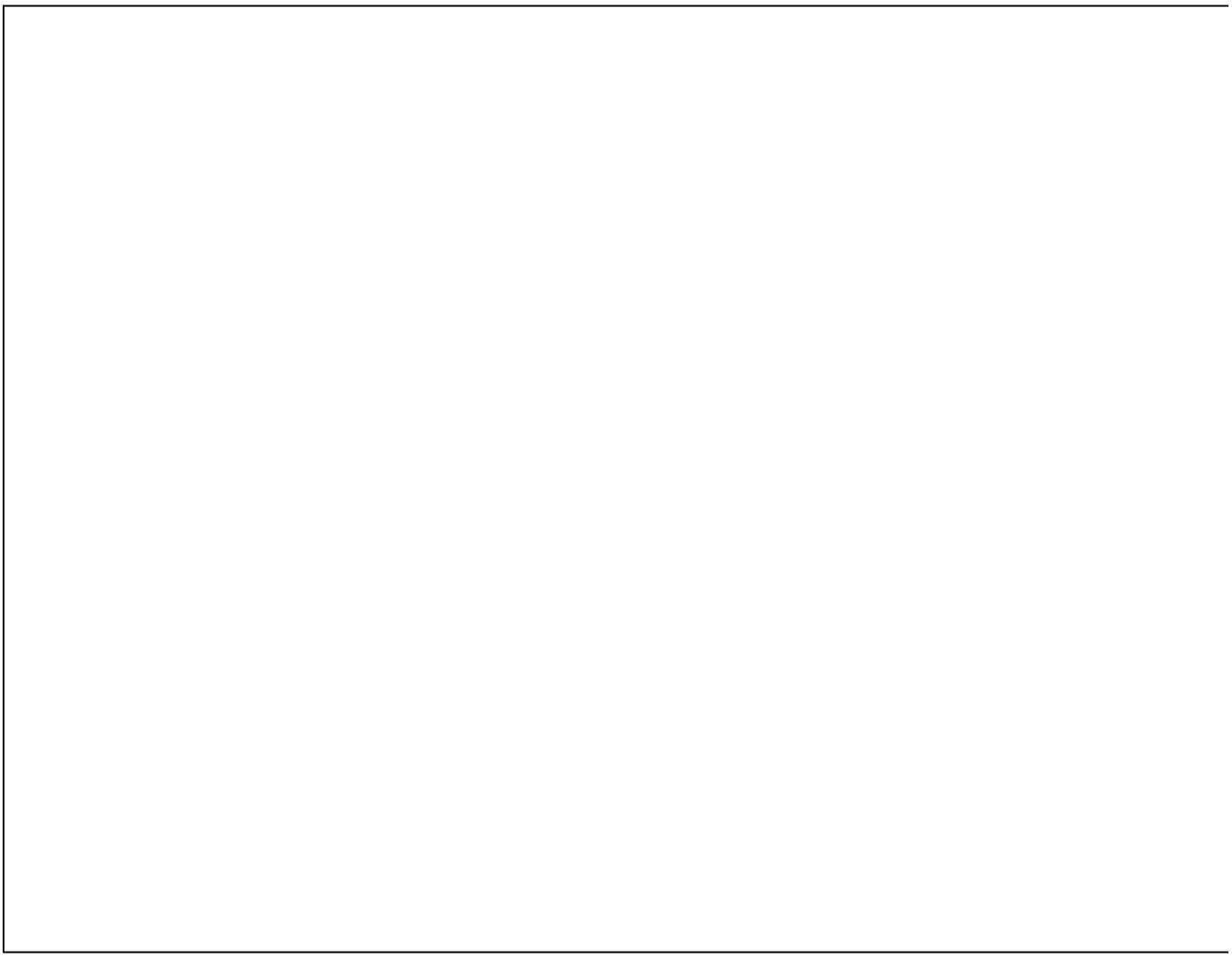
We need to supply a key into URL, set request body and send it using HTTP POST command.

- go to: http://www.hurl.it/
- set destination as POST (switch from GET): https://solargis.info/ws/rest/datadelivery/request?key=demo
- add header: "**Content-Type**", "**application/xml**"
- add body (copy-paste the request XML):

```
<ws:dataDeliveryRequest dateFrom="2014-04-28" dateTo="2014-04-28"
        xmlns="http://geomodel.eu/schema/data/request"
        xmlns:ws="http://geomodel.eu/schema/ws/data"
        xmlns:geo="http://geomodel.eu/schema/common/geo"
        xmlns:pv="http://geomodel.eu/schema/common/pv"
        xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

        <site id="site1dummy" name="First site" lat="48.61259" lng="
20.827079">
                <geo:terrain elevation="111" azimuth="112" tilt="11"/>
                <geo:horizon>0:5 7.5:3 15:7 22.5:0</geo:horizon>
                <pv:geometry xsi:type="pv:GeometryFixedOneAngle" azimuth="
165" tilt="22"/>
                <pv:system installedPower="100" installationType="
FREE_STANDING" dateStartup="2011-06-01" availability="99">
                        <pv:module type="ASI">
                                <pv:degradation>3</pv:degradation>
                                <pv:degradationFirstYear>8</pv:
degradationFirstYear>
                                <pv:surfaceReflectance>0.13</pv:
surfaceReflectance>
                                <pv:powerTolerance low="10" high="90"/>
                                <pv:nominalOperatingCellTemp>15</pv:
nominalOperatingCellTemp>
                                <pv:openCircuitVoltageCoeff>7</pv:
openCircuitVoltageCoeff>
                                <pv:shortCircuitCurrentCoeff>4</pv:
shortCircuitCurrentCoeff>
                                <pv:PmaxCoeff>10</pv:PmaxCoeff>
                        </pv:module>
                        <pv:inverter count="2" interconnection="PARALLEL">
                                <pv:efficiency xsi:type="pv:
EfficiencyConstant" percent="94"/>
                                <pv:startPower>0.1</pv:startPower>
                                <pv:limitationACPower>5</pv:
limitationACPower>
                                <pv:nominalDCPower>8</pv:nominalDCPower>
                        </pv:inverter>
                        <pv:losses>
                                <pv:acLosses cables="1" transformer="2.1"/>
                                <pv:dcLosses cables="1.2" mismatch="0.65"
snowPollution="7" monthlySnowPollution="4 2 3 4 5 7 8 4 7 4 5 1"/>
                        </pv:losses>
                        <pv:topology xsi:type="pv:TopologySimple"
relativeSpacing="1.5"/>
                </pv:system>
        </site>
        <processing key="GHI DIF DNI PVOUT" summarization="HOURLY"
terrainShading="true"/>
</ws:dataDeliveryRequest>
```

- The screen should look like following:



- press "Launch Request" button, within approx. 1 second you will get the response in XML format:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<dataDeliveryResponse
  xmlns="http://geomodel.eu/schema/ws/data"
  xmlns:ns2="http://geomodel.eu/schema/common/geo">
  <site id="site1dummy" lat="48.61259" lng="20.827079">
    <metadata><!-- ... ommitted ... --></metadata>
    <columns>GHI DIF DNI PVOUT</columns>
    <row dateTime="2014-04-28T00:30:00.000Z" values="0.0 0.0 0.0 0.0"/>
    <row dateTime="2014-04-28T01:30:00.000Z" values="0.0 0.0 0.0 0.0"/>
    <row dateTime="2014-04-28T02:30:00.000Z" values="0.0 0.0 0.0 0.0"/>
    <row dateTime="2014-04-28T03:30:00.000Z" values="11.813644170761108
9.917020082473755 23.605985641479492 0.1673915982246399"/>
    <row dateTime="2014-04-28T04:30:00.000Z" values="123.3531265258789
61.477474212646484 314.45066833496094 0.04999290034174919"/>
    <row dateTime="2014-04-28T05:30:00.000Z" values="288.39630126953125
108.24936294555664 511.8774948120117 0.0"/>
    <row dateTime="2014-04-28T06:30:00.000Z" values="471.88634490966797
127.98162078857422 681.6969757080078 0.0"/>
    <row dateTime="2014-04-28T07:30:00.000Z" values="623.1808624267578
145.67950439453125 752.1683044433594 0.0"/>
    <row dateTime="2014-04-28T08:30:00.000Z" values="709.8129119873047
199.77864837646484 693.8481140136719 1.4283943697810173"/>
    <row dateTime="2014-04-28T09:30:00.000Z" values="733.9831390380859
244.24923706054688 613.0989990234375 3.8238842487335205"/>
    <row dateTime="2014-04-28T10:30:00.000Z" values="454.0811080932617
283.20931243896484 207.50992262363434 4.840439796447754"/>
    <row dateTime="2014-04-28T11:30:00.000Z" values="465.76876068115234
265.5719566345215 253.1083329319954 4.810706734657288"/>
    <row dateTime="2014-04-28T12:30:00.000Z" values="676.5417327880859
247.93432998657227 578.0866546630859 4.846049785614014"/>
    <row dateTime="2014-04-28T13:30:00.000Z" values="365.0899658203125
231.35183715820312 203.54104375839233 4.846049785614014"/>
    <row dateTime="2014-04-28T14:30:00.000Z" values="461.9159164428711
170.20080184936523 579.0048675537109 4.846049785614014"/>
    <row dateTime="2014-04-28T15:30:00.000Z" values="296.1929016113281
110.06002807617188 530.1699142456055 3.927860140800476"/>
    <row dateTime="2014-04-28T16:30:00.000Z" values="120.13659620285034
61.441532611846924 268.8115315437317 0.7259493097662926"/>
    <row dateTime="2014-04-28T17:30:00.000Z" values="5.932157635688782
5.613844275474548 3.7608110904693604 0.0"/>
    <row dateTime="2014-04-28T18:30:00.000Z" values="0.0 0.0 0.0 0.0"/>
    <row dateTime="2014-04-28T19:30:00.000Z" values="0.0 0.0 0.0 0.0"/>
    <row dateTime="2014-04-28T20:30:00.000Z" values="0.0 0.0 0.0 0.0"/>
    <row dateTime="2014-04-28T21:30:00.000Z" values="0.0 0.0 0.0 0.0"/>
    <row dateTime="2014-04-28T22:30:00.000Z" values="0.0 0.0 0.0 0.0"/>
    <row dateTime="2014-04-28T23:30:00.000Z" values="0.0 0.0 0.0 0.0"/>
  </site>
</dataDeliveryResponse>
```

- you can play with request, change date, parameters, and check the response as you like