

`pwl_file_xy_1.gce`

Attributes

```
mainvars: x y
sparms: file_name=None
```

Description

`pwl_file_xy_1.gce` takes `x` as input and produces `y` as output. The relationship between `x` and `y` is assumed to be piecewise linear and is taken from a file. The string parameter `file_name` is the name of the file (assumed to be present in the `Output` directory) with data in the following format:

```
x1  y1
x2  y2
x3  y3
x4  y4
...
```

The `x` values are expected to be in ascending order. If the input lies between two `x` values in the file (say, x_k and x_{k+1}), the output `y` is obtained by interpolation.

AC behaviour is not implemented.