

## 7. HomeyScript for loading data from PBTH

If you have installed the PBTH app and have a Price Zone device, this is how you can load the data to a sheet



Currently you need to manually create a tab in your sheet to match the name ('**NordpoolPrices**')

First create this HomeyScript

```

/*
HomeyScript for parsing and creating a Nordpool prices input to Easy Logger

NOTE. Changed format for runFlowCardAction:

Homey Pro prior 2023: id: 'set-cell-delimited-data',
Homey Pro 2023: id: 'homey:app:no.bwa.easy-logger:set-cell-delimited-data',

This is an example of data that will come from PBTH

So if you need to test or debug, change JSON.parse(input); to JSON.parse( typical_input); and run manually

*/

var typical_input = '{ "0":0.0849,"1":0.0826,"2":0.0826,"3":0.0808,"4":0.0815,"5":0.084,"6":0.0837,"7":0.0839,"8":0.0849,"9":0.087,"10":0.0859,"11":0.084,"12":0.0854,"13":0.0864,"14":0.0907,"15":0.097,"16":0.109,"17":0.1299,"18":0.1195,"19":0.1016,"20":0.0951,"21":0.094,"22":0.0893,"23":0.0852} '

var input = (args + '').replaceAll('"', ''); // JSON.parse liker ikke ', men liker heller "

async function setCell(cellName, cellData) {
  try {
    await Homey.flow.runFlowCardAction({
      uri: 'homey:app:no.bwa.easy-logger',
      id: 'homey:app:no.bwa.easy-logger:set-cell-delimited-data',
      args: {
        'cell-name': cellName,
        'delimited-data': '' + cellData
      },
    },
  );
  console.log("setCell ", cellName, " data", cellData);
} catch(err) {
  console.log(err);
}
}

// use this to debug input from flow ...
// await setCell("NordpoolPrices!A1", input);

const textFromJSON = JSON.parse(input);
const t = Object.entries(textFromJSON);

var cellContent = '{';

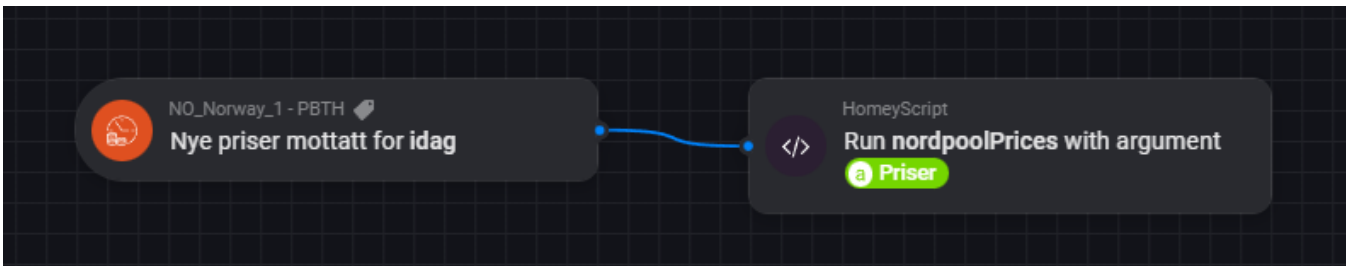
for(let i=0; i<t.length; i++){
  cellContent += (t[i][1]);
  if(i < (t.length-1))
    cellContent += ';';
}
cellContent += '}'

cellContent = cellContent.replaceAll('.', ','); // nummer format konvertering fra . til ,

await setCell("NordpoolPrices!A2", cellContent);

```

Then create this flow :



Then you should get something like this

|    | A                     | B     | C |
|----|-----------------------|-------|---|
| 1  |                       |       |   |
| 2  | 8.1.2023 kl. 19.31.54 | 1,869 |   |
| 3  |                       | 1,869 |   |
| 4  |                       | 1,869 |   |
| 5  |                       | 1,869 |   |
| 6  |                       | 1,869 |   |
| 7  |                       | 1,869 |   |
| 8  |                       | 1,872 |   |
| 9  |                       | 1,872 |   |
| 10 |                       | 1,872 |   |
| 11 |                       | 1,872 |   |
| 12 |                       | 1,872 |   |
| 13 |                       | 1,872 |   |
| 14 |                       | 1,872 |   |
| 15 |                       | 1,872 |   |
| 16 |                       | 1,872 |   |
| 17 |                       | 1,872 |   |
| 18 |                       | 1,872 |   |
| 19 |                       | 1,872 |   |
| 20 |                       | 1,872 |   |
| 21 |                       | 1,872 |   |
| 22 |                       | 1,872 |   |
| 23 |                       | 1,872 |   |
| 24 |                       | 1,872 |   |
| 25 |                       | 1,872 |   |
| 26 |                       |       |   |
| 27 |                       |       |   |