|  |  |  |
| --- | --- | --- |
| API | Expected Response | Use |
| GET http://{gateway\_local\_ip}:50334/devices | **{**  **"devices": [**  **{**  **"cache": true,**  **"components": [**  **{**  **"capabilities": [**  **{**  **"OnOff": [**  **{**  **"\_v": {**  **"last\_update": 1478133033,**  **"value": "1"**  **}**  **},**  **{**  **"OnOff": {**  **"last\_update": 1478134106,**  **"value": false**  **}**  **}**  **]**  **},**  **{**  **"Identify": [**  **{**  **"\_v": {**  **"last\_update": 1478133033,**  **"value": "1.0"**  **}**  **}**  **]**  **},**  **{**  **"Basic": [**  **{**  **"\_v": {**  **"last\_update": 1478133033,**  **"value": "2.0"**  **}**  **}**  **]**  **}**  **],**  **"id": "1"**  **},**  **{**  **"capabilities": [**  **{**  **"SimpleMeteringServer": [**  **{**  **"Divisor": {**  **"last\_update": 1478133594,**  **"value": 100000**  **}**  **},**  **{**  **"\_v": {**  **"last\_update": 1478133033,**  **"value": "1"**  **}**  **},**  **{**  **"InstantaneousDemand": {**  **"last\_update": 1478134321,**  **"value": 0**  **}**  **},**  **{**  **"InstantaneousDemandValue": {**  **"last\_update": 1478134321,**  **"value": 0**  **}**  **},**  **{**  **"Multiplier": {**  **"last\_update": 1478133587,**  **"value": 1**  **}**  **}**  **]**  **}**  **],**  **"id": "2"**  **},**  **{**  **"capabilities": [],**  **"id": "3"**  **}**  **],**  **"id": 4788,**  **"last\_seen": 1478134321,**  **"last\_seen\_str": "15 mins ago",**  **"model": "ZBMPlug15"**  **}**  **]**  **}** | **Get device info (including device id) of the devices joined to the Gateway. The metering plugs have the field “model”:“ ZBMPlug15”** |
| GET http://{gateway\_local\_ip}:50334/devices/{device\_id}/comps/2/procs/SimpleMeteringServer/attrs/InstantaneousDemand | **{**  **"cache": true,**  **"timestamp": 1478134145,**  **"value": 40111**  **}** | **Gets the current power demand** |
| GET http://{gateway\_local\_ip}:50334/devices/{device\_id}/comps/2/procs/SimpleMeteringServer/attrs/Multiplier | **{**  **"cache": true,**  **"timestamp": 1478133587,**  **"value": 1**  **}** | **Gets the Multiplier for the Data** |
| GET http://{gateway\_local\_ip}:50334/devices/{device\_id}/comps/2/procs/SimpleMeteringServer/attrs/Divisor | **{**  **"cache": true,**  **"timestamp": 1478133594,**  **"value": 100000**  **}** | **Gets the Divisor for the data** |

Notes:

* API only works on local network so use the computer connected to **“CalplugIoT”**
* To get the Actual Demand in kWh use the formula **Multiplier/ Divisor\*InstantaneousDemand**