

## Pav,e – Monitoring

If the generation capacity of the system exceeds the agreed grid feed-in, Pav,e monitoring is required. Controllable systems are not permitted to exceed the output. They are regulated continuously. Pav,e monitoring is an additional feature of our certified iGridControl EZA controller. The limit values of the Pav,e monitoring can be set variably and thus easily adapted to changes in the system.

As a result, four functions are covered by one device:

1. Certified EZA controller
2. Data logger / cloud connection
3. Pav,e – Monitoring
4. Direct marketer connection

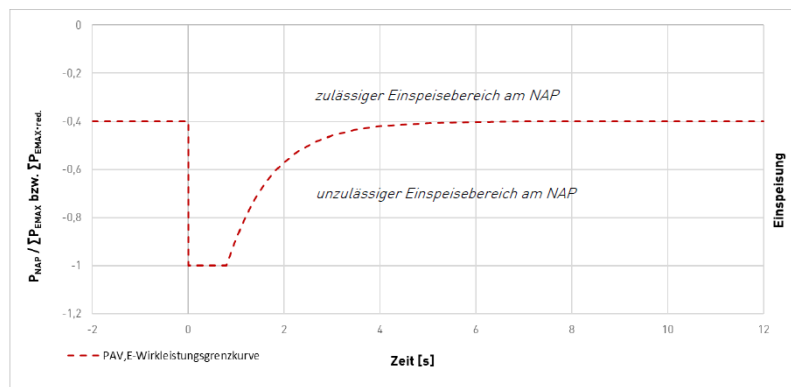


Abbildung 1: Beispielhafte P<sub>AV,E</sub> Wirkleistungsgrenzkurven bei  $P_{AV,E} / \sum P_{EMAX} = 40\%$  im Verbrauchernetzsystem

### Features

- ✓ Integration of various grid analyzers (AM1000, Janitza UMG 96/604, etc.)
- ✓ Stepless control of active power (via directly integrated generation systems or via data loggers)
- ✓ Visualization of energy flows in the cloud
- ✓ Integration of separate purchase or feed-in meters possible
- ✓ Additional protective device required
- ✓ Compliance with the requirements of VDE-AR-N 4105:2018-11

### Benefits

- ✓ No additional controllers required
- ✓ Stepless control, no 100,60,30,0 steps, thus increased feed-in
- ✓ Neutral feed-in possible
- ✓ Mixed operation of limited feed-in and full feed-in (existing system) possible

Subject to technical changes