

## Übersicht PV-Anlagen

| Standort                     | Errichtungs-jahr | Lage <sup>1)</sup><br>[°] | Neigung<br>[°] | Modultyp                    | Leistung<br>[kWp] | Wechselrichter,<br>Typ und Anzahl       | Jahres-erträge |              |
|------------------------------|------------------|---------------------------|----------------|-----------------------------|-------------------|---|----------------|--------------|
| 2014                         |                  |                           |                |                             |                   |   |                |              |
| Wilhelmshaven                | 2004             | 0                         | 30             | 14 x SSEC Multi Crystal 165 | 2,31              | 1 x SMA SB2100TL                        | kWh<br>kWh/kWp | 2264<br>980  |
| Wilhelmshaven                | 2005             | 55                        | 35             | 12 x Sanyo HIT 200          | 2,4               | 1 x SMA SB2100TL                        | kWh<br>kWh/kWp | 2196<br>915  |
| Oldenburg                    | 2005             | -40                       | 43             | 28 x ASE-165-GT-FT-MC       | 4,62              | 1 x Fronius IG40                        | kWh<br>kWh/kWp | 3797<br>822  |
| Kerken                       | 2005             | 0                         | 30             | 24 x Sanyo HIT 200          | 4,8               | 1 x Fronius IG40                        | kWh<br>kWh/kWp | 4153<br>865  |
| Schwerin,<br>je 6 Anlagen zu | 2005             | 45                        | 38             | 24 x Sanyo HIT 210          | 5,04              | 1 x Fronius IG 60 HV                    | kWh<br>kWh/kWp | 4750<br>942  |
| Schwerin,<br>je 6 Anlagen zu | 2005             | 45                        | 38             | 12 x Sanyo HIT 210          | 2,52              | 1 x Fronius IG20                        | kWh<br>kWh/kWp | 2274<br>902  |
| Schwerin                     | 2005             | -4                        | 38             | 36 x Sanyo HIT 210          | 7,56              | 1 x Fronius IG60 HV<br>1 x Fronius IG20 | kWh<br>kWh/kWp | 7813<br>1033 |
| Schwerin                     | 2005             | -4                        | 38             | 12 x Sanyo HIT 210          | 2,52              | 1 x Fronius IG20                        | kWh<br>kWh/kWp | 2490<br>988  |
| Wilhelmshaven                | 2005             | -45                       | 45             | 14 x Sanyo HIT 200          | 2,8               | 1 x SMA SB 2500                         | kWh<br>kWh/kWp | 2414<br>862  |
| Wilhelmshaven                | 2005             | 25                        | 42             | 24 x Sanyo HIT 210          | 5,04              | 1 x Fronius IG 60 HV                    | kWh<br>kWh/kWp |              |
| Oldenburg                    | 2006             | 3                         | 30             | 38 x Sanyo HIT 210          | 7,98              | 2 x Fronius IG 40                       | kWh<br>kWh/kWp | 7625<br>956  |
| Wittmund                     | 2006             | 30                        | 30             | 70 x Sanyo HIT 210          | 14,7              | 2 x SMA SMC6000TL<br>1 x SMA SB2100TL   | kWh<br>kWh/kWp | 14156<br>963 |
| Sande                        | 2008             | 0                         | 50             | 24 x Sanyo HIT 215          | 5,16              | 1 x Fronius IG 60 HV                    | kWh<br>kWh/kWp |              |
| Wilhelmshaven                | 2009             | 31                        | 50             | 18 x Sanyo HIT 205          | 3,69              | 1 x Fronius IG Plus 50                  | kWh<br>kWh/kWp | 3647<br>988  |
| Wittmund                     | 2010             | 25                        | 45             | 44 x Evergreen ES-A 200     | 8,8               | 1 x Fronius IG Plus 100                 | kWh<br>kWh/kWp | 8240<br>936  |

## Übersicht PV-Anlagen

| Standort      | Errichtungs-jahr | Lage <sup>1)</sup><br>[°] | Neigung<br>[°] | Modultyp                | Leistung<br>[kWp] | Wechselrichter,<br>Typ und Anzahl     | Jahres-<br>erträge | 2014           |
|---------------|------------------|---------------------------|----------------|-------------------------|-------------------|---------------------------------------|--------------------|----------------|
|               |                  |                           |                |                         |                   |                                       |                    | kWh<br>kWh/kWp |
| Wilhelmshaven | 2010             | -20                       | 35             | 16 x Evergreen ES-A 200 | 3,2               | 1 X Fronius IG Plus 35                | kWh<br>kWh/kWp     | 3258<br>1018   |
| Wilhelmshaven | 2010             | 0                         | 20             | 12 x Sanyo HIT 240      | 2,88              | 1 x SMA SB3000TL-20                   | kWh                | 6890           |
|               | 2010             | 0                         | 28             | 21 x Evergreen ES-A 205 | 4,305             | 1x xSMA SB4000TL-20<br>Eigenverbrauch | kWh/kWp            | 959            |
| Wittmund      | 2010             | 0                         | 38             | 28 x Evergreen ES-A 195 | 5,46              | 1 x Fronius IG TL 5,0                 | kWh<br>kWh/kWp     | 5086<br>932    |
| Wilhelmshaven | 2010             | 90                        | 45             | 32 x Evergreen ES-A 205 | 6,56              | 2 x SMA SB3000TL-20                   | kWh<br>kWh/kWp     | 4775<br>728    |
| Wilhelmshaven | 2010             | -90                       | 45             | 40 x REC 225 AE         | 9                 | 2 x SMA SB4000TL-20                   | kWh<br>kWh/kWp     | 6540<br>727    |
| Langeoog      | 2010             | -5                        | 33             | 35 x Evergreen ES-A 210 | 7,35              | 1 x SMA SB4000TL-20<br>1 x SMA SB3300 | kWh<br>kWh/kWp     | 6747<br>918    |
| Jever         | 2010             | -65                       | 24             | 72 x Evergreen ES-A 210 | 15,12             | 3 x SMA SB5000TL-20                   | kWh<br>kWh/kWp     | 13051<br>863   |
| Jever         | 2010             | 18                        | 40             | 51 x Sanyo HIT 240      | 12,24             | 3 x SMA SB4000TL-20                   | kWh<br>kWh/kWp     | 11528<br>942   |
| Jever         | 2010             | 90                        | 40             | 40 x Evergreen ES-A 205 | 8,2               | 1 x Fronius IG Plus 100               | kWh<br>kWh/kWp     | 5964<br>727    |
| Jever         | 2010             | 90                        | 40             | 29 x Evergreen ES-A 205 | 5,945             | 1 x SMA SB5000TL-20                   | kWh<br>kWh/kWp     | 4102<br>690    |
| Wilhelmshaven | 2010             | 50                        | 52             | 34 x REC 215 AE         | 7,31              | 1 x SMA SB3800<br>1 x SMA SB3000      | kWh<br>kWh/kWp     | 6307<br>863    |
| Wilhelmshaven | 2010             | 60                        | 45             | 14 x REC 225 AE         | 3,15              | 1 x SMA SB3000TL-20                   | kWh<br>kWh/kWp     | 2849<br>904    |
| Jaderberg     | 2010             | 64                        | 18             | 17 x Evergreen ES-A 210 | 3,57              | 1 x Fronius IG Plus 35                | kWh<br>kWh/kWp     | 2518<br>705    |
| Schortens     | 2010             | -60                       | 50             | 16 x REC 235 AE         | 3,76              | 1 x SMA SB4000TL-20                   | kWh<br>kWh/kWp     | 2918<br>776    |
| Schortens     | 2010             | 30                        | 50             | 20 x REC 235 AE         | 4,7               | 1 x SMA SB5000TL-20                   | kWh<br>kWh/kWp     | 4079<br>868    |

## Übersicht PV-Anlagen

| Standort      | Errichtungs-jahr | Lage <sup>1)</sup><br>[°] | Neigung<br>[°] | Modultyp         | Leistung<br>[kWp] | Wechselrichter,<br>Typ und Anzahl         | Jahres-<br>erträge           |
|---------------|------------------|---------------------------|----------------|------------------|-------------------|---|------------------------------|
| <b>2014</b>   |                  |                           |                |                  |                   |   |                              |
| Caroliensiel  | 2010             | 0                         | 45             | 34 x REC 230 AE  | 7,82              | 2 x SMA SB4000TL-20                       | kWh<br>kWh/kWp 8862<br>1133  |
| Wittmund      | 2011             | 5                         | 45             | 34 x REC 240 PE  | 8,16              | 2 x Fronius IG TL 4,0                     | kWh<br>kWh/kWp 8499<br>1042  |
| Wilhelmshaven | 2011             | 72                        | 40             | 18 x REC 240 PE  | 4,32              | 1 x SMA SB3800                            | kWh<br>kWh/kWp 3560<br>824   |
| Wilhelmshaven | 2011             | 0                         | 30             | 6 x REC 240 PE   | 1,44              | 1 x SMA SB1700                            | kWh<br>kWh/kWp 868<br>603    |
| Sande         | 2012             | 40                        | 35             | 42 x REC 240 AE  | 10,08             | 1 x SMA STP10000TL-10                     | kWh<br>kWh/kWp 9768<br>969   |
| Wilhelmshaven | 2011             | 0                         | 15             | 234 x REC 240 PE | 56,16             | 6 x Fronius IG Plus 100                   | kWh<br>kWh/kWp 56370<br>1004 |
| Wilhelmshaven | 2011             | 5                         | 45             | 42 x REC 240 PE  | 10,08             | 1 x Fronius IG Plus 120                   | kWh<br>kWh/kWp               |
| Schortens     | 2012             | 25                        | 40             | 23 x LG 250 S1C  | 5,75              | 1 x Danfoß TLX6k<br>Eigenverbrauch        | kWh<br>kWh/kWp               |
| Wilhelmshaven | 2012             | -25                       | 40             | 48 x REC 245 PE  | 11,76             | 1 x Fronius IG Plus 150<br>Eigenverbrauch | kWh<br>kWh/kWp 11795<br>1003 |
| Garrel        | 2012             | 25                        | 45             | 44 x LG 250 S1K  | 11                | 1 x Fronius IG Plus 120<br>Eigenverbrauch | kWh<br>kWh/kWp 11070<br>1006 |
| Schortens     | 2012             | 30                        | 44             | 20 x REC 240 PE  | 4,8               | 1 x Fronius IG TL 4,6<br>Eigenverbrauch   | kWh<br>kWh/kWp 4665<br>972   |
| Wilhelmshaven | 2012             | 50                        | 52             | 14 x REC 245 PE  | 3,43              | 1 x SMA SB3000TL-21                       | kWh<br>kWh/kWp 2877<br>839   |
| Sande         | 2012             | 47                        | 45             | 22 x REC 245 PE  | 5,39              | 1 x SMA SB5000TL-21<br>Eigenverbrauch     | kWh<br>kWh/kWp 3992<br>741   |
| Wilhelmshaven | 2012             | 0                         | 30             | 40 x REC 245 PE  | 9,8               | 1 x Fronius IG Plus 120<br>Eigenverbrauch | kWh<br>kWh/kWp               |
| Wilhelmshaven | 2012             | 50                        | 38             | 24 x REC 245 PE  | 5,88              | 1 x Fronius IG Plus 70<br>Eigenverbrauch  | kWh<br>kWh/kWp 5556<br>945   |

## Übersicht PV-Anlagen

| Standort      | Errichtungs-<br>jahr | Lage <sup>1)</sup><br>[°] | Neigung<br>[°] | Modultyp        | Leistung<br>[kWp] | Wechselrichter,<br>Typ und Anzahl          | Jahres-<br>erträge |             |
|---------------|----------------------|---------------------------|----------------|-----------------|-------------------|--|--------------------|-------------|
| 2014          |                      |                           |                |                 |                   |  |                    |             |
| Wilhelmshaven | 2012                 | -40                       | 38             | 16 x REC 245 PE | 3,92              | 1 x Fronius IG TL 3,6<br>Eigenverbrauch    | kWh<br>kWh/kWp     | 3877<br>989 |
| Wilhelmshaven | 2012                 | -60                       | 60             | 9 x REC 250 PE  | 2,25              | 1 x SMA SB2500<br>Eigenverbrauch           | kWh<br>kWh/kWp     |             |
| Wilhelmshaven | 2012                 | 30                        | 60             | 5 x REC 250 PE  | 1,25              | 1 x SMA SB1300TL<br>Eigenverbrauch         | kWh<br>kWh/kWp     |             |
| Wilhelmshaven | 2013                 | -30                       | 35             | 38 x REC 260 PE | 9,88              | 1 x SMA STP 10000TL<br>Eigenverbrauch      | kWh<br>kWh/kWp     | 9785<br>990 |
| Wilhelmshaven | 2013                 | 60                        | 55             | 37 x REC 260 PE | 9,62              | 1 x SMA STP 9000TL-20<br>Eigenverbrauch    | kWh<br>kWh/kWp     | 8845<br>919 |
| Wilhelmshaven | 2014                 | 45                        | 4              | 22 x REC 260 PE | 5,72              | 1 x Fronius Symo 6.0-3-M<br>Eigenverbrauch | kWh<br>kWh/kWp     | 256<br>45   |