Solar Data 2019

Stacey V. Washington
S.C. ORS Energy Office
October 9, 2019
Solar Data Information

- Utility Submissions
- Through July 31, 2019
Capacity, kW AC
Cumulative through July 31 of each year.

<table>
<thead>
<tr>
<th></th>
<th>FY2015</th>
<th>FY2016</th>
<th>FY2017</th>
<th>FY2018</th>
<th>FY2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity, kW AC</td>
<td>5,106</td>
<td>25,211</td>
<td>176,832</td>
<td>469,228</td>
<td>782,880</td>
</tr>
</tbody>
</table>
Lease Capacity, kW AC
Cumulative through July 31 of each year.

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Lease Capacity, kW AC</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY2016</td>
<td>9,494</td>
</tr>
<tr>
<td>FY2017</td>
<td>27,343</td>
</tr>
<tr>
<td>FY2018</td>
<td>25,565</td>
</tr>
<tr>
<td>FY2019</td>
<td>15,107</td>
</tr>
</tbody>
</table>
Capacity by Year, kW AC

- Orangeburg
- Jasper
- Aiken
- Lexington
- Hampton
- Calhoun
- Barnwell
- Greenville
- Charleston
- Spartanburg
- Richland
- Florence
- Darlington
- Anderson
- Dorchester
- Horry
- Saluda
- Allendale
- Berkeley
- Clarendon
- Beaufort
- Lee
- York
- Dillon
- Lancaster
- Sumter
- Greenwood
- Colleton
- Pickens
- Oconee
- Marion
- Cherokee
- Chesterfield
- Williamsburg
- Marlboro
- Chester
- Kershaw
- Edgefield
- Laurens
- Newberry
- Georgetown
- Abbeyville
- Fairfield
- Bamberg
- Union
- McCormick

Yearly Capacity:
- 2014
- 2015
- 2016
- 2017
- 2018
- 2019
Capacity by Sector, kW AC

- Orangeburg
- Jasper
- Aiken
- Lexington
- Hampton
- Calhoun
- Barnwell
- Greenville
- Charleston
- Spartanburg
- Richland
- Florence
- Darlington
- Anderson
- Dorchester
- Horry
- Saluda
- Allendale
- Berkeley
- Clarendon
- Beaufort
- Lee
- York
- Dillon
- Lancaster
- Sumter
- Greenwood
- Colleton
- Pickens
- Oconee
- Marion
- Cherokee
- Chesterfield
- Williamsburg
- Marlboro
- Chester
- Kershaw
- Edgefield
- Laurens
- Newberry
- Georgetown
- Abbeville
- Fairfield
- Bamberg
- Union
- McCormick

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Residential, Commercial/Industrial, Utility-Scale
Cumulative Lease and Purchase Capacity by County, kW AC

- Orangeburg
- Jasper
- Aiken
- Lexington
- Hampton
- Calhoun
- Barnwell
- Greenville
- Charleston
- Spartanburg
- Richland
- Florence
- Darlington
- Anderson
- Dorchester
- Horry
- Saluda
- Allendale
- Berkeley
- Clarendon
- Beaufort
- Lee
- York
- Dillon
- Lancaster
- Sumter
- Greenwood
- Colleton
- Pickens
- Oconee
- Marion
- Cherokee
- Chesterfield
- Williamsburg
- Marlboro
- Chester
- Kershaw
- Edgefield
- Laurens
- Newberry
- Georgetown
- Abbeville
- Fairfield
- Bamberg
- Union
- McCormick

Leases (blue) and Purchases (green)
Solar Installations
Cumulative through July 31 of each year.

FY2015: 834
FY2016: 2,991
FY2017: 10,017
FY2018: 17,080
FY2019: 21,320
Cumulative Solar Installations
Leases and Purchases

Leases: 7,775
Purchases: 13,545

Leases → Orange
Purchases → Blue
Lease Installations
Cumulative through July 31 of each year.

<table>
<thead>
<tr>
<th>Year</th>
<th>FY2016</th>
<th>FY2017</th>
<th>FY2018</th>
<th>FY2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lease Installations</td>
<td>1,125</td>
<td>2,703</td>
<td>2,532</td>
<td>1,415</td>
</tr>
</tbody>
</table>
Cumulative Installations by County


Charleston
Greenville
Richland
Spartanburg
Lexington
Dorchester
Anderson
Berkeley
Horry
Aiken
Sumter
York
Beaufort
Florence
Lancaster
Pickens
 Cherokee
Darlington
Kershaw
Greenwood
Orangeburg
Georgetown
Laurens
Oconee
Chester
Newberry
Colleton
Clarendon
Chesterfield
Barnwell
Jasper
Saluda
Edgefield
Fairfield
Hampton
Union
Lee
Abbeville
Williamsburg
Dillon
Bamberg
Marion
Marlboro
Allendale
Calhoun
McCormick

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Cumulative Installations by Sector

- Residential
- Commercial/Industrial
- Utility-Scale
Cumulative Lease and Purchase Installations by County

- Charleston
- Greenville
- Richland
- Spartanburg
- Lexington
- Dorchester
- Anderson
- Berkeley
- Horry
- Aiken
- Sumter
- York
- Beaufort
- Florence
- Lancaster
- Pickens
- Cherokee
- Darlington
- Kershaw
- Greenwood
- Orangeburg
- Georgetown
- Laurens
- Oconee
- Chester
- Newberry
- Newberry
- Colleton
- Clarendon
- Chesterfield
- Barnwell
- Jasper
- Saluda
- Edgefield
- Fairfield
- Hampton
- Union
- Lee
- Abbeville
- Williamsburg
- Dillon
- Bamberg
- Marion
- Marlboro
- Marlboro
- Allendale
- Calhoun
- McCormick

- Total Leases
- Purchases

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Questions?

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