Operating wind farms by Commonwealth Electoral Division

Greg Baker
Statistics and Mapping Section

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**Introduction**

The following wind farms are currently operating in Australia. Where available each of the following records has the following data—project name; company name; location; number of turbines; output per turbine in kilowatts (one kilowatt is one thousand watts); capacity in megawatts (one megawatt is one million watts or one thousand kilowatts); and date of commencement.

**Wind farms by Commonwealth Electoral Division**

**Barker (South Australia)**

<table>
<thead>
<tr>
<th>PROJECT NAME:</th>
<th>CANUNDA WIND FARM¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company:</td>
<td>International Power</td>
</tr>
<tr>
<td>Site:</td>
<td>Tantanoola</td>
</tr>
<tr>
<td>Number of turbines:</td>
<td>23</td>
</tr>
<tr>
<td>Capacity per turbine (kW):</td>
<td>2000</td>
</tr>
<tr>
<td>Capacity (MW):</td>
<td>46.0</td>
</tr>
<tr>
<td>Generating since:</td>
<td>March 2005</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PROJECT NAME:</th>
<th>LAKE BONNEY WIND FARM³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company:</td>
<td>Infigen Energy</td>
</tr>
<tr>
<td>Site:</td>
<td>Millicent</td>
</tr>
<tr>
<td>Number and capacity of turbines:</td>
<td>46 x 1750 kW = 80.5 MW Stage 1 March 2005</td>
</tr>
<tr>
<td></td>
<td>53 x 3000 kW = 159.0 MW Stage 2 Sept 2008</td>
</tr>
<tr>
<td>Capacity (MW):</td>
<td>239.5</td>
</tr>
<tr>
<td>Generating since:</td>
<td>March 2005</td>
</tr>
</tbody>
</table>

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Braddon (Tasmania)

PROJECT NAME: **HUXLEY HILL/KING ISLAND WIND FARM**
Company: Hydro Tasmania
Site: King Island
Number and capacity of turbines: 3 x 250 kW = 0.75 MW
                              2 x 850 kW = 1.70 MW
Capacity (MW): 2.5

PROJECT NAME: **WOOLNORTH WIND FARM**
Company: Roaring 40s
Site: Woolnorth
Number and capacity of turbines: 6 x 1750 kW = 10.5 MW
                              31 x 1750 kW = 54.3 MW
                              25 x 3000 kW = 75.0 MW
Capacity (MW): 139.8

Calare (New South Wales)

PROJECT NAME: **BLAYNEY WIND FARM**
Company: Eraring Energy
Site: Lake Carcoar
Number of turbines: 15
Capacity per turbine (kW): 660
Capacity (MW): 9.9

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Grey (South Australia)

PROJECT NAME: CATHEDRAL ROCKS WIND FARM
Company: Roaring 40s / Acciona Energy
Site: Eyre Peninsula
Number of turbines: 33
Capacity per turbine (kW): 2000
Capacity (MW): 66.0
Generating since: Late 2005

PROJECT NAME: WATTLE POINT WIND FARM
Company: ANZ Energy Infrastructure Trust
Site: Edithburgh
Number of turbines: 55
Capacity per turbine (kW): 1650
Capacity (MW): 90.8
Generating since: June 2005

PROJECT NAME: MOUNT MILLAR WIND FARM
Company: Transfield Services Infrastructure Fund
Site: Eyre Peninsula
Number of turbines: 35
Capacity per turbine (kW): 2000
Capacity (MW): 70.0
Generating since: February 2006

### PROJECT NAME: HALLETT 1 WIND FARM
- **Company:** AGL Energy
- **Site:** Brown Hill Range
- **Number of turbines:** 45
- **Capacity per turbine (kW):** 2100
- **Capacity (MW):** 94.5
- **Generating since:** March 2007

### PROJECT NAME: SNOWTOWN WIND FARM
- **Company:** Wind Prospect / Trust Power
- **Site:** Lochiel
- **Number of turbines:** 47
- **Capacity per turbine (kW):** 2100
- **Capacity (MW):** 98.7
- **Generating since:** 2008

### Hume (New South Wales)

### PROJECT NAME: CROOKWELL WIND FARM
- **Company:** Eraring Energy
- **Site:** Crookwell
- **Number of turbines:** 8
- **Capacity per turbine (kW):** 600
- **Capacity (MW):** 4.8
- **Generating since:** July 1998

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Operating wind farms by Commonwealth Electoral Division

**PROJECT NAME:** CULLERIN RANGE WIND FARM
Company: Origin Energy
Site: Cullerin
Number of turbines: 15
Capacity per turbine (kW): 2000
Capacity (MW): 30.0
Generating since: August 2009

**PROJECT NAME:** CAPITAL WIND FARM
Company: Infigen Energy
Site: Bungendore
Number of turbines: 67
Capacity per turbine (kW): 2100
Capacity (MW): 140.7
Generating since: October 2009

Kalgoorlie (Western Australia)

**PROJECT NAME:** NINE MILE BEACH WIND FARM
Company: Horizon Power
Site: Esperance
Number of turbines: 6
Capacity per turbine (kW): 600
Capacity (MW): 3.6

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### TEN MILE LAGOON WIND FARM

<table>
<thead>
<tr>
<th>Company</th>
<th>Horizon Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site</td>
<td>Esperance</td>
</tr>
<tr>
<td>Number of turbines</td>
<td>9</td>
</tr>
<tr>
<td>Capacity per turbine (kW)</td>
<td>225</td>
</tr>
<tr>
<td>Capacity (MW)</td>
<td>2.0</td>
</tr>
<tr>
<td>Generating since</td>
<td>1993</td>
</tr>
</tbody>
</table>

**PROJECT NAME:** TEN MILE LAGOON WIND FARM

**Company:** Horizon Power

**Site:** Esperance

**Number of turbines:** 9

**Capacity per turbine (kW):** 225

**Capacity (MW):** 2.0

**Generating since:** 1993

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### DENHAM WIND–DIESEL

<table>
<thead>
<tr>
<th>Company</th>
<th>Verve Energy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site</td>
<td>Denham</td>
</tr>
<tr>
<td>Number of turbines</td>
<td>4</td>
</tr>
<tr>
<td>Capacity per turbine (kW)</td>
<td>230</td>
</tr>
<tr>
<td>Capacity (MW)</td>
<td>0.9</td>
</tr>
</tbody>
</table>

**PROJECT NAME:** DENHAM WIND–DIESEL

**Company:** Verve Energy

**Site:** Denham

**Number of turbines:** 4

**Capacity per turbine (kW):** 230

**Capacity (MW):** 0.9

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### WINDY HILL WIND FARM

<table>
<thead>
<tr>
<th>Company</th>
<th>Transfield Services Infrastructure Fund</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site</td>
<td>Ravenshoe</td>
</tr>
<tr>
<td>Number of turbines</td>
<td>20</td>
</tr>
<tr>
<td>Capacity per turbine (kW)</td>
<td>600</td>
</tr>
<tr>
<td>Capacity (MW)</td>
<td>12.0</td>
</tr>
<tr>
<td>Generating since</td>
<td>August 2000</td>
</tr>
</tbody>
</table>

**PROJECT NAME:** WINDY HILL WIND FARM

**Company:** Transfield Services Infrastructure Fund

**Site:** Ravenshoe

**Number of turbines:** 20

**Capacity per turbine (kW):** 600

**Capacity (MW):** 12.0

**Generating since:** August 2000

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Macquarie (New South Wales)

PROJECT NAME: HAMPTON WIND FARM
Company: Hickory Hill Wind Energy
Site: Hampton
Number of turbines: 2
Capacity per turbine (kW): 660
Capacity (MW): 1.3
Generating since: September 2001

Mayo (South Australia)

PROJECT NAME: STARFISH HILL WIND FARM
Company: Transfield Services Infrastructure Fund
Site: Cape Jervis
Number of turbines: 23
Capacity per turbine (kW): 1500
Capacity (MW): 34.5
Generating since: July 2003

McMillan (Victoria)

PROJECT NAME: TOORA WIND FARM
Company: Transfield Services Infrastructure Fund
Site: Toora
Number of turbines: 12
Capacity per turbine (kW): 1750
Capacity (MW): 21.0
Generating since: October 2002

<table>
<thead>
<tr>
<th>PROJECT NAME:</th>
<th>Wonthaggi Wind Farm&lt;sup&gt;39&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company:</td>
<td>Origin Energy&lt;sup&gt;40&lt;/sup&gt;</td>
</tr>
<tr>
<td>Site:</td>
<td>Wonthaggi</td>
</tr>
<tr>
<td>Number of turbines:</td>
<td>6</td>
</tr>
<tr>
<td>Capacity per turbine (kW):</td>
<td>2000</td>
</tr>
<tr>
<td>Capacity (MW):</td>
<td>12.0</td>
</tr>
<tr>
<td>Generating since:</td>
<td>December 2005</td>
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</table>

**Newcastle (New South Wales)**

<table>
<thead>
<tr>
<th>PROJECT NAME:</th>
<th>Kooragang Island&lt;sup&gt;41&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company:</td>
<td>Energy Australia&lt;sup&gt;41&lt;/sup&gt;</td>
</tr>
<tr>
<td>Site:</td>
<td>Newcastle</td>
</tr>
<tr>
<td>Number of turbines:</td>
<td>1</td>
</tr>
<tr>
<td>Capacity per turbine (kW):</td>
<td>600</td>
</tr>
<tr>
<td>Capacity (MW):</td>
<td>0.6</td>
</tr>
<tr>
<td>Generating since:</td>
<td>1997</td>
</tr>
</tbody>
</table>

**O'Connor (Western Australia)**

<table>
<thead>
<tr>
<th>PROJECT NAME:</th>
<th>Albany Wind Farm&lt;sup&gt;42&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company:</td>
<td>Verve Energy&lt;sup&gt;43&lt;/sup&gt;</td>
</tr>
<tr>
<td>Site:</td>
<td>Albany</td>
</tr>
<tr>
<td>Number of turbines:</td>
<td>12</td>
</tr>
<tr>
<td>Capacity per turbine (kW):</td>
<td>1800</td>
</tr>
<tr>
<td>Capacity (MW):</td>
<td>21.6</td>
</tr>
<tr>
<td>Generating since:</td>
<td>July 2001</td>
</tr>
</tbody>
</table>

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PROJECT NAME: **EMU DOWNS WIND FARM**  
Company: Stanwell Corporation / Griffin Energy  
Site: Cervantes  
Number of turbines: 48  
Capacity per turbine (kW): 1650  
Capacity (MW): 79.2  
Generating since: 2006

PROJECT NAME: **ALINTA WIND FARM**  
Company: Infigen Energy  
Site: Geraldton  
Number of turbines: 54  
Capacity per turbine (kW): 1650  
Capacity (MW): 89.1  
Generating since: January 2006

PROJECT NAME: **HOPETOUN WIND–DIESEL**  
Company: Verve Energy  
Site: Hopetoun  
Number of turbines: 2  
Capacity per turbine (kW): 600  
Capacity (MW): 1.2

### Wannon (Victoria)

#### PROJECT NAME: **CODRINGTON WIND FARM**
- **Company:** Pacific Hydro
- **Site:** Port Fairy
- **Number of turbines:** 14
- **Capacity per turbine (kW):** 1300
- **Capacity (MW):** 18.2
- **Generating since:** June 2001

#### PROJECT NAME: **CHALLICUM HILLS WIND FARM**
- **Company:** Pacific Hydro
- **Site:** Ararat
- **Number of turbines:** 35
- **Capacity per turbine (kW):** 1500
- **Capacity (MW):** 52.5
- **Generating since:** August 2003

#### PROJECT NAME: **WAUBRA WIND FARM**
- **Company:** Acciona Energy / ANZ Infrastructure Services
- **Site:** Waubra
- **Number of turbines:** 128
- **Capacity per turbine (kW):** 1500
- **Capacity (MW):** 192.0
- **Generating since:** February 2009

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### PROJECT NAME: YAMBUK WIND FARM
- **Company:** Pacific Hydro
- **Site:** Port Fairy
- **Number of turbines:** 20
- **Capacity per turbine (kW):** 1500
- **Capacity (MW):** 30.0
- **Generating since:** May 2007

### PROJECT NAME: CAPE BRIDGEWATER WIND FARM
- **Company:** Pacific Hydro
- **Site:** Portland
- **Number of turbines:** 29
- **Capacity per turbine (kW):** 2000
- **Capacity (MW):** 58.0
- **Generating since:** Mid-2008

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