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## Operating wind farms by Commonwealth Electoral Division

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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)

<b>PROJECT NAME:</b>	<a href="#"><u>CANUNDA WIND FARM</u></a> <sup>1</sup>
Company:	<a href="#"><u>International Power</u></a> <sup>2</sup>
Site:	Tantanoola
Number of turbines:	23
Capacity per turbine (kW):	2000
Capacity (MW):	46.0
Generating since:	March 2005

<b>PROJECT NAME:</b>	<a href="#"><u>LAKE BONNEY WIND FARM</u></a> <sup>3</sup>
Company:	<a href="#"><u>Infigen Energy</u></a> <sup>4</sup>
Site:	Millicent
Number and capacity of turbines:	46 x 1750 kW = 80.5 MW Stage 1 March 2005 53 x 3000 kW = 159.0 MW Stage 2 Sept 2008
Capacity (MW):	239.5
Generating since:	March 2005

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1. International Power, 'Canunda wind farm', International Power website, viewed 9 February 2010, <http://www.ipplc.com.au/Page.php?iPageID=35>.
  2. International Power website, viewed 9 February 2010, <http://www.ipplc.com.au/index.php>.
  3. Infigen Energy, 'Lake Bonney 1 SA, Australia', Infigen website, viewed 9 February 2010, <http://www.infigenenergy.com/assets/australia/lake-bonney-1-sa-australia.aspx>; and Infigen Energy, 'Lake Bonney 2 SA, Australia', Infigen website, viewed 9 February 2010, <http://www.infigenenergy.com/assets/australia/lake-bonney-2-sa-australia.aspx>.
  4. Infigen Energy website, viewed 9 February 2010, <http://www.infigenenergy.com>.

## Braddon (Tasmania)

<b>PROJECT NAME:</b>	<a href="#"><u>HUXLEY HILL /KING ISLAND WIND FARM</u></a> <sup>5</sup>
Company:	<a href="#"><u>Hydro Tasmania</u></a> <sup>6</sup>
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

<b>PROJECT NAME:</b>	<a href="#"><u>WOOLNORTH WIND FARM</u></a> <sup>7</sup>
Company:	<a href="#"><u>Roaring 40s</u></a> <sup>8</sup>
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)

<b>PROJECT NAME:</b>	<a href="#"><u>BLAYNEY WIND FARM</u></a> <sup>9</sup>
Company:	<a href="#"><u>Eraring Energy</u></a> <sup>10</sup>
Site:	Lake Carcoar
Number of turbines:	15
Capacity per turbine (kW):	660
Capacity (MW):	9.9

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5. Hydro Tasmania, 'Wind Power: Hydro Tasmania's King Island Wind Farm', Hydro Tasmania website, viewed 9 February 2010, <http://www.hydro.com.au/Documents/Renewables%20Development/5882Roaring40s.pdf>
  6. Hydro Tasmania website, viewed 9 February 2010, <http://www.hydro.com.au>.
  7. Roaring 40s, 'Woolnorth', Roaring 40s website, viewed 9 February 2010 <http://www.roaring40s.com.au/article.php?Doo=ContentView&id=296>.
  8. Roaring 40s website, viewed 9 February 2010, <http://www.roaring40s.com.au/index.php?Doo=ContentView&id=100>.
  9. Eraring Energy, 'Blayney', Eraring Energy website, viewed 9 February 2010, <http://www.eraring-energy.com.au/Default.aspx?aCateId=799>.
  10. Eraring Energy website, viewed 9 February 2010, <http://www.eraring-energy.com.au>.

## Grey (South Australia)

**PROJECT NAME:** [CATHEDRAL ROCKS WIND FARM](#)<sup>11</sup>  
Company: [Roaring 40s](#)<sup>12</sup> / 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](#)<sup>13</sup>  
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](#)<sup>14</sup>  
Company: [Transfield Services Infrastructure Fund](#)<sup>15</sup>  
Site: Eyre Peninsula  
Number of turbines: 35  
Capacity per turbine (kW): 2000  
Capacity (MW): 70.0  
Generating since: February 2006

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11. Roaring 40s / Acciona Energy, 'Cathedral Rocks', Roaring 40s website, viewed 10 February 2010, <http://www.roaring40s.com.au/article.php?Doo=ContentView&id=299>.
  12. Roaring 40s website, viewed 10 February 2010, <http://www.roaring40s.com.au/index.php?Doo=ContentView&id=100>.
  13. ANZ, *Purchase of Wattle Point Wind Farm Pty Ltd*, media release, 23 April 2007, viewed 10 February 2010, <http://www.anz.com/resources/6/c/6c106d804d2faacd8426b4766a918285/ANZ-MediaRelease-20070423a.pdf>.
  14. Transfield Services Infrastructure Fund, 'Mt Millar Wind Farm', Transfield Services Infrastructure Fund website, viewed 10 February 2010, [http://www.tsinfrastructurefund.com/page/Infrastructure\\_Assets/Mt\\_Millar\\_wind\\_farm](http://www.tsinfrastructurefund.com/page/Infrastructure_Assets/Mt_Millar_wind_farm).
  15. Transfield Services Infrastructure Fund website, viewed 10 February 2010, <http://www.tsinfrastructurefund.com/>.

**PROJECT NAME:** [HALLETT 1 WIND FARM](#)<sup>16</sup>  
Company: [AGL Energy](#)<sup>17</sup>  
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](#)<sup>18</sup>  
Company: Wind Prospect / [Trust Power](#)<sup>19</sup>  
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](#)<sup>20</sup>  
Company: [Eraring Energy](#)<sup>21</sup>  
Site: Crookwell  
Number of turbines: 8  
Capacity per turbine (kW): 600  
Capacity (MW): 4.8  
Generating since: July 1998

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16. AGL Energy, 'In Fact—Hallett Stage 1 wind farm', AGL Energy website, viewed 10 February 2010, [http://www.agl.com.au/Downloads/In-Fact\\_Hallett-Stage-1-Wind-Farm\\_June%202008.pdf](http://www.agl.com.au/Downloads/In-Fact_Hallett-Stage-1-Wind-Farm_June%202008.pdf)
  17. AGL Energy website, viewed 10 February 2010, <http://www.agl.com.au>.
  18. Trust Power, 'Snowtown', Trust Power website, viewed 10 February 2010, <http://www.trustpower.co.nz/index.php?section=163>.
  19. Trust Power website, viewed 10 February 2010, <http://www.trustpower.co.nz>.
  20. Eraring Energy, 'Crookwell', Eraring Energy website, viewed 10 February 2010, <http://www.eraring-energy.com.au/Default.aspx?aCateId=858>.
  21. Eraring Energy website, viewed 10 February 2009, <http://www.eraring-energy.com.au>.

**PROJECT NAME:** [CULLERIN RANGE WIND FARM](#)<sup>22</sup>  
Company: [Origin Energy](#)<sup>23</sup>  
Site: Cullerin  
Number of turbines: 15  
Capacity per turbine (kW): 2000  
Capacity (MW): 30.0  
Generating since: August 2009

**PROJECT NAME:** [CAPITAL WIND FARM](#)<sup>24</sup>  
Company: [Infigen Energy](#)<sup>25</sup>  
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](#)<sup>26</sup>  
Company: [Horizon Power](#)<sup>27</sup>  
Site: Esperance  
Number of turbines: 6  
Capacity per turbine (kW): 600  
Capacity (MW): 3.6

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22. Origin Energy, 'Cullerin Range Wind Farm', Origin Energy website, viewed 9 February 2010, <http://www.originenergy.com.au/593/Cullerin-Range-wind-farm>.
  23. Origin Energy website, viewed 9 February 2010, <http://www.originenergy.com.au>.
  24. Infigen Energy, 'Capital Wind Farm, NSW, Australia', Infigen Energy website, viewed 9 February 2010, <http://www.infigenenergy.com/assets/australia/capital-wind-farm.aspx>.
  25. Infigen Energy website, viewed 9 February 2010, <http://www.infigenenergy.com>.
  26. Horizon Power, 'Esperance Wind Farms', Horizon Power website, viewed 10 February 2010, [http://www.horizonpower.com.au/environment/renewable\\_energy/wind/wind\\_nine\\_mile.html](http://www.horizonpower.com.au/environment/renewable_energy/wind/wind_nine_mile.html).
  27. Horizon Power website, viewed 10 February 2010, <http://www.horizonpower.com.au>.

**PROJECT NAME:** [TEN MILE LAGOON WIND FARM](#)<sup>28</sup>  
Company: [Horizon Power](#)<sup>29</sup>  
Site: Esperance  
Number of turbines: 9  
Capacity per turbine (kW): 225  
Capacity (MW): 2.0  
Generating since: 1993

**PROJECT NAME:** [DENHAM WIND-DIESEL](#)<sup>30</sup>  
Company: [Verve Energy](#)<sup>31</sup>  
Site: Denham  
Number of turbines: 4  
Capacity per turbine (kW): 230  
Capacity (MW): 0.9

### Kennedy (Queensland)

**PROJECT NAME:** [WINDY HILL WIND FARM](#)<sup>32</sup>  
Company: [Transfield Services Infrastructure Fund](#)<sup>33</sup>  
Site: Ravenshoe  
Number of turbines: 20  
Capacity per turbine (kW): 600  
Capacity (MW): 12.0  
Generating since: August 2000

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28. Horizon Power, 'Esperance Wind Farms', Horizon Power website, viewed 10 February 2010, [http://www.horizonpower.com.au/environment/renewable\\_energy/wind/wind\\_nine\\_mile.html](http://www.horizonpower.com.au/environment/renewable_energy/wind/wind_nine_mile.html).
  29. Horizon Power website, viewed 10 February 2010, <http://www.horizonpower.com.au>.
  30. Verve Energy, 'Denham wind & diesel system', Verve Energy website, viewed 10 February 2009, [http://www.verveenergy.com.au/mainContent/sustainableEnergy/OurPortfolio/Denham\\_Wind\\_Farm.html](http://www.verveenergy.com.au/mainContent/sustainableEnergy/OurPortfolio/Denham_Wind_Farm.html).
  31. Verve Energy website, viewed 10 February 2010, <http://www.verveenergy.com.au>.
  32. Transfield Services Infrastructure Fund, 'Windy Hill Wind Farm', Transfield Services Infrastructure Fund website, viewed 10 February 2010, [http://www.tsinfrastructurefund.com/page/Infrastructure\\_Assets/Windy\\_Hill\\_wind\\_farm](http://www.tsinfrastructurefund.com/page/Infrastructure_Assets/Windy_Hill_wind_farm).
  33. Transfield Services Infrastructure Fund website, viewed 10 February 2010, <http://www.tsinfrastructurefund.com>.

## Macquarie (New South Wales)

<b>PROJECT NAME:</b>	<a href="#"><u>HAMPTON WIND FARM</u></a> <sup>34</sup>
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)

<b>PROJECT NAME:</b>	<a href="#"><u>STARFISH HILL WIND FARM</u></a> <sup>35</sup>
Company:	<a href="#"><u>Transfield Services Infrastructure Fund</u></a> <sup>36</sup>
Site:	Cape Jervis
Number of turbines:	23
Capacity per turbine (kW):	1500
Capacity (MW):	34.5
Generating since:	July 2003

## McMillan (Victoria)

<b>PROJECT NAME:</b>	<a href="#"><u>TOORA WIND FARM</u></a> <sup>37</sup>
Company:	<a href="#"><u>Transfield Services Infrastructure Fund</u></a> <sup>38</sup>
Site:	Toora
Number of turbines:	12
Capacity per turbine (kW):	1750
Capacity (MW):	21.0
Generating since:	October 2002

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34. Clean Energy Council, 'Hampton Wind Park', Clean Energy Council website, viewed 10 February 2010, <http://www.bcse.org.au/cec/resourcecentre/casestudies/Wind/Hampton.html>.
  35. Transfield Services Infrastructure Fund, 'Starfish Hill Wind Farm', Transfield Services Infrastructure Fund website, viewed 10 February 2010, [http://www.tsinfrastructurefund.com/page/Infrastructure\\_Assets/Starfish\\_Hill\\_wind\\_farm](http://www.tsinfrastructurefund.com/page/Infrastructure_Assets/Starfish_Hill_wind_farm).
  36. Transfield Services Infrastructure Fund website, viewed 10 February 2010, <http://www.tsinfrastructurefund.com>.
  37. Transfield Services Infrastructure Fund, 'Toora Wind Farm', Transfield Services Infrastructure Fund website, viewed 10 February 2010, [http://www.tsinfrastructurefund.com/page/Infrastructure\\_Assets/Toora\\_wind\\_farm](http://www.tsinfrastructurefund.com/page/Infrastructure_Assets/Toora_wind_farm).
  38. Transfield Services Infrastructure Fund website, viewed 10 February 2009, <http://www.tsinfrastructurefund.com>.



<b>PROJECT NAME:</b>	<b><u>WONTHAGGI WIND FARM</u></b> <sup>39</sup>
Company:	<u>Origin Energy</u> <sup>40</sup>
Site:	Wonthaggi
Number of turbines:	6
Capacity per turbine (kW):	2000
Capacity (MW):	12.0
Generating since:	December 2005

### Newcastle (New South Wales)

<b>PROJECT NAME:</b>	<b>KOORAGANG ISLAND</b>
Company:	<u>Energy Australia</u> <sup>41</sup>
Site:	Newcastle
Number of turbines:	1
Capacity per turbine (kW):	600
Capacity (MW):	0.6
Generating since:	1997

### O'Connor (Western Australia)

<b>PROJECT NAME:</b>	<b><u>ALBANY WIND FARM</u></b> <sup>42</sup>
Company:	<u>Verve Energy</u> <sup>43</sup>
Site:	Albany
Number of turbines:	12
Capacity per turbine (kW):	1800
Capacity (MW):	21.6
Generating since:	July 2001

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39. Regional Wind Farms, 'Wonthaggi', Wind Power website, viewed 29 October 2009, <http://www.wind-power.com.au/Projects/Wonthaggi/index.asp>.
  40. The Wonthaggi Wind Farm is owned by Origin Energy but managed by Transfield Services. Origin Energy website, viewed 11 February 2010, <http://www.originenergy.com.au>. See Origin Energy, *Origin acquires Wind Power and 1460 megawatt wind development pipeline in Victoria*, media release, 6 May 2009, viewed 11 February 2010, [http://www.wind-power.com.au/Downloads/Origin\\_Wind\\_Power\\_Press\\_Release.pdf](http://www.wind-power.com.au/Downloads/Origin_Wind_Power_Press_Release.pdf). Transfield Services is at [http://www.transfieldservices.com/page/Industry\\_Sectors/Infrastructure\\_Services/Power/Generation](http://www.transfieldservices.com/page/Industry_Sectors/Infrastructure_Services/Power/Generation), viewed 11 February 2010.
  41. Energy Australia website, viewed 11 February 2010, <http://www.energyaustralia.com.au>
  42. Verve Energy, 'Albany Wind Farm', Verve Energy website, viewed 11 February 2010, [http://www.verveenergy.com.au/mainContent/sustainableEnergy/OurPortfolio/Albany\\_Wind\\_Farm.html](http://www.verveenergy.com.au/mainContent/sustainableEnergy/OurPortfolio/Albany_Wind_Farm.html).
  43. Verve Energy website, viewed 11 February 2010, <http://www.verveenergy.com.au>.

**PROJECT NAME:** [EMU DOWNS WIND FARM](#)<sup>44</sup>  
Company: Stanwell Corporation / [Griffin Energy](#)<sup>45</sup>  
Site: Cervantes  
Number of turbines: 48  
Capacity per turbine (kW): 1650  
Capacity (MW): 79.2  
Generating since: 2006

**PROJECT NAME:** [ALINTA WIND FARM](#)<sup>46</sup>  
Company: [Infigen Energy](#)<sup>47</sup>  
Site: Geraldton  
Number of turbines: 54  
Capacity per turbine (kW): 1650  
Capacity (MW): 89.1  
Generating since: January 2006

**PROJECT NAME:** [HOPETOUN WIND-DIESEL](#)<sup>48</sup>  
Company: [Verve Energy](#)<sup>49</sup>  
Site: Hopetoun  
Number of turbines: 2  
Capacity per turbine (kW): 600  
Capacity (MW): 1.2

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44. Griffin Energy, 'Emu Downs Wind Farm', Griffin Energy website, viewed 11 February 2010, <http://www.griffinenergy.com.au/default.aspx?MenuID=78>.
  45. Griffin Energy website, viewed 11 February 2010, <http://www.griffinenergy.com.au>. Stanwell Corporation is at <http://www.stanwell.com>, viewed 11 February 2010.
  46. Infigen Energy, 'Alinta Wind Farm, WA, Australia', Infigen Energy website, viewed 11 February 2010, <http://www.infigenenergy.com/assets/australia/alinta-wind-farm-wa-australia.aspx>.
  47. Infigen Energy website, viewed 11 February 2010, <http://www.infigenenergy.com>.
  48. Verve Energy, 'Hopetoun's wind-diesel system', Verve Energy website, viewed 11 February 2010, [http://www.verveenergy.com.au/mainContent/sustainableEnergy/OurPortfolio/Hopetoun\\_Wind\\_Turbine.html](http://www.verveenergy.com.au/mainContent/sustainableEnergy/OurPortfolio/Hopetoun_Wind_Turbine.html).
  49. Verve Energy website, viewed 11 February 2010, <http://www.verveenergy.com.au>.

## Wannon (Victoria)

**PROJECT NAME:** [CODRINGTON WIND FARM](#)<sup>50</sup>  
Company: [Pacific Hydro](#)<sup>51</sup>  
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](#)<sup>52</sup>  
Company: [Pacific Hydro](#)<sup>53</sup>  
Site: Ararat  
Number of turbines: 35  
Capacity per turbine (kW): 1500  
Capacity (MW): 52.5  
Generating since: August 2003

**PROJECT NAME:** [WAUBRA WIND FARM](#)<sup>54</sup>  
Company: [Acciona Energy](#)<sup>55</sup> / 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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50. Pacific Hydro, 'Codrington Wind Farm', Pacific Hydro website, viewed 11 February 2010, <http://www.pacifichydro.com.au/en-us/our-projects/australia--pacific/codrington-wind-farm.aspx>

51. Pacific Hydro website, viewed 11 February 2010, <http://www.pacifichydro.com.au>.

52. Pacific Hydro, 'Challicum Hills Wind Farm', Pacific Hydro website, viewed 11 February 2010, <http://www.pacifichydro.com.au/en-us/our-projects/australia--pacific/challicum-hills-wind-farm.aspx>

53. Pacific Hydro website, viewed 11 February 2010, <http://www.pacifichydro.com.au>.

54. Acciona Energy, 'Waubra Wind Farm', Acciona Energy website, viewed 11 February 2010, <http://www.waubrawindfarm.com.au/waubra/index.htm>.

55. Acciona Energy website, viewed 11 February 2010, <http://www.acciona-energia.com>.

**PROJECT NAME:** [YAMBUK WIND FARM](#)<sup>56</sup>  
Company: [Pacific Hydro](#)<sup>57</sup>  
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](#)<sup>58</sup>  
Company: [Pacific Hydro](#)<sup>59</sup>  
Site: Portland  
Number of turbines: 29  
Capacity per turbine (kW): 2000  
Capacity (MW): 58.0  
Generating since: Mid-2008

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56. Pacific Hydro, 'Yambuk Wind Farm', Pacific Hydro website, viewed 11 February 2010, <http://www.pacifichydro.com.au/en-us/our-projects/australia--pacific/pwep-stage-i---yambuk-wind-farm.aspx>
57. Pacific Hydro website, viewed 11 February 2010, <http://www.pacifichydro.com.au>.
58. Pacific Hydro, 'Cape Bridgewater Wind Farm', Pacific Hydro website, viewed 11 February 2010, <http://www.pacifichydro.com.au/en-us/our-projects/australia--pacific/pwep-stage-ii---cape-bridgewater.aspx>
59. Pacific Hydro website, viewed 11 February 2010, <http://www.pacifichydro.com.au>.