

# Grid-connected renewable electricity projects in the South West

December  
2003

**South West Renewable Energy Agency**

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| Technology/<br>Site Number | Project<br>Name                 | Owner or<br>developer    | Renewable<br>electricity<br>capacity MW | OS Landranger<br>grid reference |
|----------------------------|---------------------------------|--------------------------|---|---------------------------------|
| <b>Former Avon</b>         |                                 |                          |   |                                 |
| PY01                       | PY/gasification pilot Avonmouth | Compact Power            | 0.11                                    | ST 578791                       |
| LG01                       | Harn Hill Quarry Landfill       | SITA                     | 2.68                                    | ST 600880                       |
| LG02                       | Yanley Landfill                 | Viridor                  | 1.53                                    | ST 559699                       |
| SE01                       | Whitminster houses PV           | Residential              | 0.001                                   | SO 800100                       |
| SG01                       | Avonmouth STW                   | Wessex Water             | 2.30                                    | ST 530790                       |
| <b>Sub-region Total</b>    |                                 |                          | <b>6.62</b>                             |                                 |
| <b>Cornwall</b>            |                                 |                          |   |                                 |
| LG03                       | Connon Bridge Landfill          | CLP Envirogas            | 3.26                                    | SX 184625                       |
| LG04                       | United Mines Landfill           | CLP Envirogas            | 4.95                                    | SW 747414                       |
| OW01                       | Bears Down                      | National Wind Power      | 9.60                                    | SW 850700                       |
| OW02                       | Carland Cross                   | Renewable Energy Systems | 6.00                                    | SW 845545                       |
| OW03                       | Cold Northcott                  | Westbury Windfarms       | 4.50                                    | SX 220850                       |
| OW04                       | Delabole                        | Windelectric             | 4.00                                    | SX 088855                       |
| OW05                       | Four Burrows                    | Renewable Energy Systems | 4.50                                    | SW 760482                       |
| OW06                       | Goonhilly Downs                 | Cornwall Light & Power   | 5.60                                    | SW 730200                       |
| OW07                       | St Breock                       | PowerGen Renewables      | 4.95                                    | SW 970680                       |
| SE02                       | The Old Chapel Penzance         | Residential              | 0.001                                   | SW 460289                       |
| SG02                       | Liskeard                        | South West Water         | 0.06                                    | SX 230640                       |
| SG03                       | St Erth, Hayle                  | South West Water         | 0.34                                    | SW 547361                       |
| SH01                       | Coverack Bridges, Launceston    |                          | 0.21                                    | SW 783183                       |
| SH02                       | Delank Quarry                   |                          | 0.30                                    | SX 100730                       |
| SH03                       | Kennal Vale                     |                          | 0.24                                    | SW 752375                       |
| SH04                       | Ponts Mill                      |                          | 0.20                                    | SX 073563                       |
| SH05                       | St Blazey                       |                          | 0.20                                    | SX 050550                       |
| SH06                       | Trecarrell Mill                 |                          | 0.03                                    | SX 320780                       |
| SH07                       | Trelubbas                       |                          | 0.18                                    | SW 694018                       |
| <b>County Total</b>        |                                 |                          | <b>49.11</b>                            |                                 |
| <b>Devon</b>               |                                 |                          |   |                                 |
| BG01                       | Holsworthy Bio-Gas              | Holsworthy Biogas        | 1.43                                    | SS 342048                       |
| LG05                       | Chelson Meadow Landfill         | Ridgewood UK/ Envirogas  | 2.79                                    | SX 507547                       |
| LG06                       | Deep Moor Landfill              | Devon Waste Mgt          | 1.95                                    | SS 527213                       |
| LG07                       | Heathfield Landfill             | Viridor                  | 4.25                                    | SX 861762                       |
| SE03                       | Hunters Moon, Totnes            | Residential              | 0.008                                   | SX 800600                       |
| SE04                       | Kelbechan House, Dartmouth      | Residential              | 0.001                                   | SX 850550                       |
| SG04                       | Countess Wear STW, Exeter       | South West Water         | 0.66                                    | SX 948901                       |
| SG05                       | Kilminster STW, Axminster       | South West Water         | 0.11                                    | ST 750350                       |
| SG06                       | Kingsbridge STW                 | South West Water         | 0.06                                    | SX 731447                       |
| SG07                       | Plympton STW                    | South West Water         | 0.17                                    | SX 550550                       |
| SG08                       | Totnes STW                      | South West Water         | 0.11                                    | SX 800600                       |
| SH08                       | Avon Dam, Buckfast Abbey        | South West Water         | 0.30                                    | SX 750700                       |
| SH09                       | Crownhill WTW                   | South West Water         | 0.43                                    | SX 550600                       |
| SH10                       | Glen Lyn Gorge, Lynton          | Commercial               | 0.30                                    | SS 700500                       |
| SH11                       | Littlehempston WTW hydro        | South West Water         | 0.48                                    | SX 800650                       |
| SH12                       | Mary Tavy hydro                 | South West Water         | 2.60                                    | SX 500800                       |
| SH13                       | Meldon Dam                      | South West Water         | 0.43                                    | SX 550914                       |
| SH14                       | Morwellham hydro                | South West Water         | 0.64                                    | SX 450700                       |
| SH15                       | Old Walls Farm                  | Residential              | 0.08                                    | SX 700744                       |
| SH16                       | River Dart Country Park         | Commercial               | 0.04                                    | SX 750700                       |
| SH17                       | Roadford Reservoir              | South West Water         | 0.98                                    | SX 426908                       |
| <b>County Total</b>        |                                 |                          | <b>17.79</b>                            |                                 |

| Technology/<br>Site Number          | Project<br>Name                     | Owner or<br>developer  | Renewable<br>electricity<br>capacity MW | OS Landranger<br>grid reference |
|-------------------------------------|-------------------------------------|------------------------|---|---------------------------------|
| <b>Dorset</b>                       |                                     |                        |   |                                 |
| LG08                                | Whites Pit Landfill                 | Canford Environmental  | 6.02                                    | SZ 036968                       |
| OW08                                | Studland Centre                     | National Trust         | 0.03                                    | SZ 035828                       |
| SE05                                | Wey Valley School                   | Dorset CC              | 0.001                                   | SY 669826                       |
| SG09                                | Bournemouth Berry Hill STW          | Wessex Water           | 2.55                                    | SZ 100900                       |
| SG10                                | Christchurch STW                    | Wessex Water           | 0.16                                    | SZ 157929                       |
| SG11                                | Poole STW                           | Wessex Water           | 0.28                                    | SZ 000900                       |
| <b>County Total</b>                 |                                     |                        | <b>9.04</b>                             |                                 |
| <b>Gloucestershire</b>              |                                     |                        |   |                                 |
| LG09                                | Hempsted Landfill                   | Cory Environmental     | 4.27                                    | SO 810180                       |
| LG10                                | Wingmoor Landfill                   | Cory Environmental     | 2.50                                    | SO 933268                       |
| OW09                                | Lynch Knoll                         | Ecotricity             | 0.50                                    | SO 800000                       |
| SH18                                | Coaley Mill                         | Residential            | 0.025                                   | SO 760024                       |
| <b>County Total</b>                 |                                     |                        | <b>7.30</b>                             |                                 |
| <b>Somerset</b>                     |                                     |                        |   |                                 |
| LG11                                | Dimmer Landfill                     | Wyvern Waste           | 4.00                                    | ST 613314                       |
| LG12                                | Odcombe Landfill                    | Wyvern Waste           | 0.30                                    | ST 506154                       |
| LG13                                | Walpole Landfill                    | Wyvern Waste           | 2.60                                    | ST 314432                       |
| SG12                                | Ham, Taunton STW                    | Wessex Water           | 0.16                                    | ST 282248                       |
| SH19                                | Maundown WTW                        | Wessex Water           | 0.35                                    | ST 062291                       |
| <b>County Total</b>                 |                                     |                        | <b>7.41</b>                             |                                 |
| <b>Wiltshire</b>                    |                                     |                        |   |                                 |
| LG14                                | Calne                               | Viridor                | 2.00                                    | SU 016712                       |
| LG15                                | Chapel Farm Landfill                | SITA                   | 0.96                                    | SU 137898                       |
| LG16                                | Compton Bassett Landfill            | Hills Minerals & Waste | 2.00                                    | SU 022710                       |
| LG17                                | Westbury Power Plant Landfill       | Viridor                | 1.11                                    | ST 882526                       |
| SE06                                | ESD electric vehicle garage, Neston | Commercial             | 0.001                                   | ST 861678                       |
| SG13                                | Salisbury STW                       | Wessex Water           | 0.09                                    | SU 150300                       |
| SG14                                | Swindon                             | Thames Water           | 0.45                                    | SU 135854                       |
| SG15                                | Trowbridge STW                      | Wessex Water           | 0.09                                    | ST 858577                       |
| <b>County Total</b>                 |                                     |                        | <b>7.99</b>                             |                                 |
| <b>South West Region Total (MW)</b> |                                     |                        | <b>105.25</b>                           |                                 |

### Legend

|             |              |              |                |            |
|-------------|--------------|--------------|----------------|------------|
| Technology  | Pyrolysis    | Landfill Gas | Solar Electric | Sewage Gas |
| Site Number | Onshore Wind | Small Hydro  | Bio-Gas        |            |

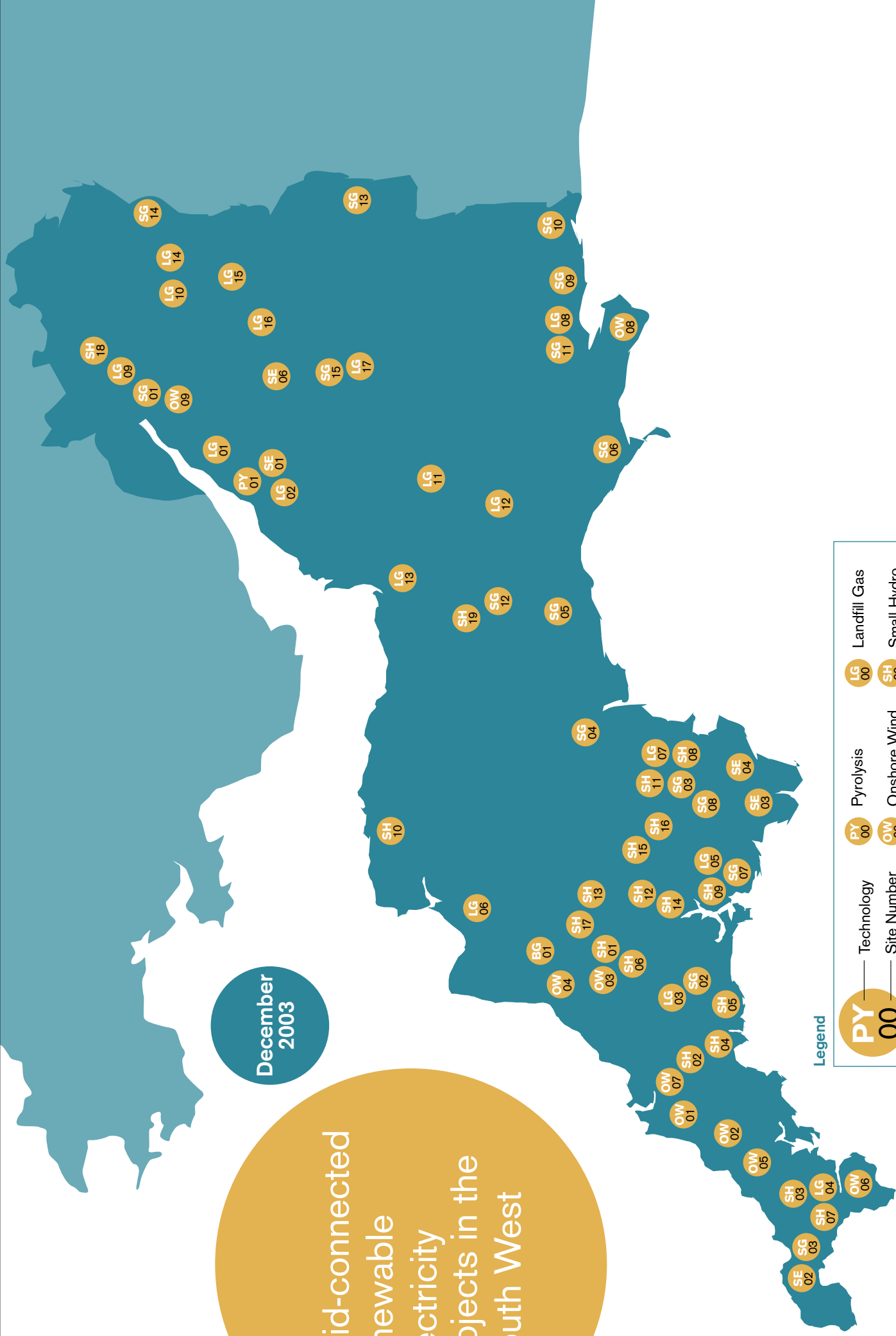


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Legal disclaimer Regen SW has made all reasonable efforts to ensure that all information in the table is accurate at the time of inclusion, however, there may be inadvertent and occasional errors for which we apologise. Please advise errors and omissions to [admin@regensw.co.uk](mailto:admin@regensw.co.uk). The information contained in this table is for general guidance only.

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Legend

|              |                |              |                |
|--------------|----------------|--------------|----------------|
| <b>PY</b>    | Technology     | <b>LG 00</b> | Landfill Gas   |
| <b>00</b>    | Site Number    | <b>SH 00</b> | Small Hydro    |
| <b>PY 00</b> | Pyrolysis      | <b>SG 00</b> | Sewage Gas     |
| <b>OW 00</b> | Onshore Wind   | <b>SE 00</b> | Solar Electric |
| <b>SE 00</b> | Solar Electric | <b>BG 00</b> | Bio-Gas        |