## **Print menu**

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## **DG-BPQ - Data entry codes**

#### DG capacity bands

Code	Description
Α	< 1MW
В	> = 1MW, $< 12MW$
C	> = 12MW, < 50MW
D	> = 50MW, < 100MW
A B C D E	> = 100MW, connected at < 132kV
F	> = 100MW, connected at 132kV

#### DG technology types

Code	Description
1	Onshore wind
2	Offshore wind
3	Tidal stream & wave power
4	Biomass & energy crops (not CHP)
5	Hydro
6	Landfill gas, sewage gas, biogas (not CHP)
7	Wast incineration (not CHP)
8	Photovoltaic
9	Micro CHP (domestic)
10	Mini CHP (<1MW)
11	Small CHP ( $> = 1MW, < 5MW$ )
12	Medium CHP ( $> = 5MW, < 50MW$ )
13	Large CHP ( $> = 50MW$ )
14	Other generation

#### **DG-BPQ - Data entry codes**

#### Reasons for incurring costs - strategic & overall

Code	Description
Gen Infrastr	General infrastructure
Res&Dev	Research & development
Pln&Des	Planning & design
Op&Contrl	Operational & control room
Other	Other

# Stb System stability Thml Thermal capacity Other Other

work on shared assets

Code FltL

Vlt

Description

Voltage limits

Fault level capacity

#### Types of ancillary services

Code	Description
Thml	Thermal constraints management
FltL	Fault level management
Vlt	Voltage management
Stb	System stability
Other	Other

#### Status of connection of DG projects

Reasons for work & how DG helps to avoid

Code	Description
FsbStdy	Feasibility study completed
Арр	Connection application being processed
OffO	Connection offer outstanding
OffA	Connection offer accepted
ConWrk	Connection work in progress
Other	Other indication of interest

Table 1. High Level Aggregated Information

			Sol	e-Use Asset Co	osts		Shared A	sset Costs		
DG capacity bands	Number of projects	Total capacity	Total direct cost	Average O&M included in connection charge	Average return included in connection charge	Total direct cost	Average O&M included in connection charge	Average return included in connection charge	Proportion of costs charged to DG	Total connection charge
		MW	£m	%	%	£m	%	%	%	£m
Α										
В										
С										
D										
E										
F										

**Table 2. High Level Per-Project Information** 

			Connec	ction Details	Timescale o	of Connection	So	le-Use Asset (	Costs		Shared A	Asset Cost		
Unique project identifier	Tech'gy type	Capacity	Voltage	Location Of		Commiss'ng date	Direct cost		Return included in connection charge	Direct cost	O&M included in connection charge	Return included in connection charge		connection
		MW	kV			dd/mm/yy	£k	%	%	£k	%	%	%	£k
							· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·				

Table 3. Detailed Per-Project Information - DG & Connection

		Key Date	es in Connection	n Process	
Unique project identifier	Average annual export	Application	Application Terms offered Offer accepted		Sole-use assets type & quantity
	MWh	dd/mm/yy	dd/mm/yy	dd/mm/yy	

Table 3. Detailed Per-Project Information
- Work Required on Shared Assets

_	New	ly Installed	Shared Asset	:s	Re-inforced Shared Assets				
Unique project identifier	Type & quantity	Reason for work	Direct cost	Proportion charged to DG	Type & Quantity	Reason for work	Direct cost	Proportion charged to DG	
			£k	%			£k	%	

Table 3. Detailed Per-Project Information
- Work Avoided on Shared Assets

	Work Avoided on Shared Assets										
Unique project identifier	Type & quantity of assets where work avoided	How DG helps avoid work	Capex saving	Opex saving	Payments or discounts to DG						
			£k	£k	£k						

Table 3. Detailed Per-Project Information

- Operational & Contractual Arrangements

	Annualised C	Connection Charge	Constra	ints	Ancillary Serv	vices	Implicatio	on of QoS	Average
Unique project identifier	Proportion annualised	Number of years annualised	Average annual volume	Payment to DG	Type of services	Payment to DG	Impact on number of Customer Interruptions	Impact on Customer Minutes Lost	distribution loss factor at connection point
	%		MWh	£k		£k		min	%

**Table 4. Strategic & Overall DG-Related Costs** 

Reason for incurring cost	Capex	Opex	Financial year cost incurred
	£m	£m	yy/yy

Table 5. Summary of Total DG-Related Costs (01/04/00 - 31/03/03)

	Capex	Opex
	£m	£m
Total outturn DG costs recovered from individual DG charges		
Total outturn DG costs not recovered from individual DG charges		
Total outturn DG costs		
DPCR3 Forecast DG costs for this period		

**Table 6. High Level Per-Project Information** 

			Conn	ection Details	Times	cale of Conn	ection	Sole	e-Use Asset	Costs		Shared A	Asset Cost		
Unique project identifier	Tech'gy type	Capacity	Voltage	Location - OS grid reference	Status of Connection	Expected no. of days application to connection	commss'ng month	COST	O&M included in cnnction charge	in	Direct cost	O&M included in cnnction charge	in	Prprtion of costs charged to DG	Total connection charge
		MW	kV				mm/yy	£k	%	%	£k	%	%	%	£k

Table 7. Detailed Per-Project Information - DG & Connection

Unique project identifier	Average annual export	Sole-use assets type & quantity
	MWh	
	7414411	

Table 7. Detailed Per-Project Information
- Work Required on Shared Assets

	New	ly Installed	Shared Asse	ts	Re-inforced Shared Assets				
Unique project identifier	Type & quantity	Reason for work	Direct cost	Proportion charged to DG	Type & Quantity	Reason for work	Direct cost	Proportion charged to DG	
			£k	%			£k	%	

#### **Table 7. Detailed Per-Project Information**

- Work Avoided on Shared Assets

		Work Avoided or	n Shared Assets		
Unique project identifier	Type & quantity of assets where work avoided How DG helps avoid work		Capex saving	Opex saving	Payments or discounts to DG
			£k	£k	£k
		_			
	·				

**Table 7. Detailed Per-Project Information** 

- Operational & Contractual Arrangements

	Annualised C	Connection Charge	Constra	ints	Ancillary Serv	vices	Implicatio	on of QoS	Average
Unique project identifier	Proportion annualised	Number of years annualised	Average annual volume	Payment to DG	Type of services	Payment to DG	Impact on number of Customer Interruptions	Impact on Customer Minutes Lost	distribution loss factor at connection point
	%		MWh	£k		£k		min	%

**Table 8. Strategic & Overall DG-Related Costs** 

Reason for incurring cost	Capex	Opex	Financial year cost to be incurred
	£m	£m	yy/yy

Table 9. Summary of Total DG-Related Costs (01/04/03 - 31/03/05)

	Capex	Opex
	£m	£m
Total expected outturn DG costs recovered from individual DG charges		
Total expected outturn DG costs not recovered from individual DG charges		
Total expected outturn DG costs		
DPCR3 Forecast DG costs for this period		

**Table 10. DG Scenario Information** 

DG technology type	Number of projects	Total capacity
		MW
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		

**Table 11. High Level Cost Information** 

Total DG Capacity	Direct cost of installing sole-use assets	Direct cost of installing shared-assets	Direct cost of re- inforcing shared assets	Direct cost saving on shared assets	O&M
	£m	£m	£m	£m	%

#### **Table 12. Detailed Per-Project Information**

- DG & Connection Work Required

Unique	Expected	Sole-use assets	Newly I	nstalled Sha	red Assets		Re-inforced Shared Assets			
project	average	Type & quantity	Type & quantity	Reason for work	Direct cost	Proportion charged to DG	Type & Quantity	Reason for work	Direct cost	Proportion charged to DG
	MWh				£k	%			£k	%

#### **Table 12. Detailed Per-Project Information**

- Work Avoided on Shared Assets

Unique		Work Avoided on	Shared Assets		
project identifier	Type & quantity of assets where work avoided	How DG helps avoid work	Capex saving	Opex saving	Payments or discounts to DG
			£k	£k	£k

 Table 13. Strategic & Overall DG-Related Costs

Reason for incurring cost	Capex	Opex	Financial year cost to be incurred
	£m	£m	yy/yy