# Table R1: DG Fuel / Technology Types

Type No.	Description
1	Onshore wind
2	Offshore wind
3	Tidal stream & wave power
4	Biomass including energy crops
5	Landfill gas
6	Waste incineration
7	Micro (Domestic) CHP & PV
8	Mini CHP (> $5kWe$ , < = $500kWe$ )
9	Small CHP ( $>$ 500kWe, $< =$ 5MWe)
10	Medium CHP ( $>$ 5MWe, $< =$ 50MWe)
11	Large CHP (>50MWe)
12	Hydro
13	Other

# Table 1.1a Historical DG Information - Generation

Unique DG project ID No.	[Note 1] Fuel /	Generator capacity	annual output	application date	terms offer date	accepted date	

Note 1 - See Table R1 "DG Fuel / Technology Types".

Unique DG project ID No.	Connect	Identity of primary s/s	Sole-use assets installed	Direct cost of installing sole-use assets (£m)	connection charge	included in connection charge	Implication on

# Table 1.1b Historical DG Information - Connection Work & Costs

Note 2 - For DG projects either requiring, or helping to avoid, work on shared assets, enter "Y" here and give more details in Table 1.2.

Unique DG project ID No.	Total connection	charge annualised	No. of years for connection charge	duration of	Payment to DG for constraints	provided by DG	Payment for ancillary	connection	[Note 6] Implication on

Table 1.1c Historical DG Information - Operational & Contractual Arrangements

Note 3 - For those with annualised charges, enter total equivalent one-off charges (ie before annualisation).

Note 4 - Specify the total payment for the period from 1 April 2000 and 31 March 2003, indexed by RPI to 2002/03 value.

Note 5 - Use the convention that a positive value means generation increases losses and negative reduces losses.

Note 6 - Specify impacts on CI & CML and other relevant effects (eg voltage, system stability & harmonics).

Table 1.2a Historical DG Information - V	Work & Costs Required on Shared Assets
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Unique DG project ID No.	[Note 1] Reason for requiring work	Direct cost of installing shared assets (£m)	Shared assets refurbished	refurbishing	connection charge	included in connection charge

Note 1 - Specify type & scale of problem requiring work, eg shortfall on fault level and thermal capacities, extent of voltage outside limit.

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# Table 1.2b Historical DG Information - Work & Costs Avoided on Shared Assets

Unique DG project ID No.	[Note 2] How DG helps to avoid		Opex saving	DG

Note 2 - Specify type & scale of problems that DG helps solving, eg increase on headroom of thermal capacity nad voltage within limit.

Note 3 - In cases of delaying shared asset work, specify the original planned and the new expected times for the work.

Note 4 - Enter the net present value at year of full commissioning.

Note 5 - This includes a reduction in the connection charges to DG as well as any payment for associated ancillary services such as voltage support.

Table 1.3 Historical DG Information - Strategic and Overall DG-Related Costs

Itemised DG costs not recovered from individual DG charges (£m)	Capex	-	

[Note 1] Total DG costs not recovered from individual DG charges (£m)	
[Note 1] Total DG costs recovered from individual DG charges (£m)	
[Note 1] Total Outturn DG Costs (£m)	

[Note 1]	
Total DPCR 3 Forecast DG Costs for	
2000/01 - 2002/03	
(£m)	

Note 1 - These should be indexed by RPI to 2002/03 values.

Table 2.1a Interim Period Forecast DG Information - Generation

Unique DG project ID No.	[Note 1] Fuel /	Capacity	connection	commissioning

Note 1 - See Table R1 "DG Fuel / Technology Types".

Note 2 - Specify which of the following stage the connection work is at:

- feasibility study completed

- connection application being processed
- connection offer outstanding
- connection offer accepted
- connection work in progress

Unique DG project ID No.	Connect voltage	Identity of primary s/s	Sole-use assets to be installed	connection charge	included in connection charge	Implication on

#### Table 2.1b Interim Period Forecast DG Information - Connection Work & Costs

Note 3 - For DG projects expected to either require, or help to avoid, work on shared assets, enter "Y" here and give more details in Table 2.2.

Table 2.1c Interim Period Forecast DG In	nformation - Operational &	Contractual Arrangements

Unique DG project ID No.	Expected total connection	connection charge to be annualised	No. of years for connection charge	duration of	Expected payment to DG for constraints	provided by DG	payment for ancillary	connection point	[Note 6] Expected Implication on

Note 4 - For those with annualised charges, enter total equivalent one-off charges (ie before annualisation).

Note 5 - Use the convention that a positive value means generation increases losses and negative reduces losses.

Note 6 - Specify expected impacts on CI & CML and other relevant effects (eg voltage, system stability & harmonics).

Unique DG project ID No.	[Note 1] Reason for requiring work		Shared assets to be refurbished	Direct cost of refurbishing	charged to DG	included in connection charge	included in connection charge
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Table 2.2a Interim Period Forecast DG Information - Work & Costs Expected to Be Required on Shared Assets

Note 1 - Specify type & scale of problem requiring work, eg shortfall on fault level and thermal capacities, extent of voltage outside limit.

Unique DG project ID No.	[Note 2]	Shared assets work to be	[Note 4]	 DG

Table 2.2b Interim Period Forecast DG Information - Work & Costs Expected to Be Avoided on Shared Assets

Note 2 - Specify type & scale of problems that DG helps solving, eg increase on headroom of thermal capacity nad voltage within limit.

Note 3 - In cases of delaying shared asset work, specify the original planned and the new expected times for the work.

Note 4 - Enter the net present value at year of full commissioning.

Note 5 - This includes a reduction in the connection charges to DG as well as any payment for associated ancillary services such as voltage support.

Table 2.3 Interim Period Forecast DG Information - Strategic and Overall DG-Related Costs

Itemised DG costs not recovered from			Year cost expected to be	
individual DG charges	Capex	Opex	incurred	
(£m)	(£m)	(£m)	(уу)	Reason for incurring costs

[Note 1] Total DG costs recovered from individual DG charges (fm) [Note 1] Total Expected Outturn DG Costs (fm)	[Note 1] Total DG costs not recovered from individual DG charges (£m)	
Total Expected Outturn DG Costs	Total DG costs recovered from individual DG charges	
	Total Expected Outturn DG Costs	

[Note 1]	
Total DPCR 3 Forecast DG Costs for 2003/04	
- 2004/05	
(£m)	

Note 1 - These should be entered as 2002/03 values (assuming that both the headline and the underlying rate of inflation is 2.5% from April 2003 onwards).

# Table 3.1a Future Baseline DG Information - Generation

Unique DG project ID No.	[Note 1] Fuel /	Capacity	connection	commissioning

Note 1 - See Table R1 "DG Fuel / Technology Types".

Note 2 - Specify which of the following stage the connection work is at:

- feasibility study completed
- connection application being processed
- connection offer outstanding
- connection offer accepted
- connection work in progress

Unique DG project ID No.	Connect voltage	Identity of primary s/s	Sole-use assets to be installed	connection charge	included in connection charge	Implication on

# Table 3.1b Future Baseline DG Information - Connection Work & Costs

Note 3 - For DG projects expected to either require, or help to avoid, work on shared assets, enter "Y" here and give more details in Table 2.2.

Unique DG project ID No.	Expected total connection	connection charge to be annualised	No. of years for connection charge	duration of	Expected payment to DG for constraints	provided by DG	ancillary	factor at connection point	[Note 6] Expected implication on

Note 4 - For those with annualised charges, enter total equivalent one-off charges (ie before annualisation).

Note 5 - Use the convention that a positive value means generation increases losses and negative reduces losses.

Note 6 - Specify expected impacts on CI & CML and other relevant effects (eg voltage, system stability & harmonics).

Unique DG project ID No.	[Note 1]	Direct cost of installing shared assets (£m)	Shared assets refurbished	Direct cost of refurbishing	charged to DG	Return to be included in connection charge

Table 3.2a Future Baseline DG Information - Work & Costs Expected to Be Required on Shared Assets

Note 1 - Specify type & scale of problem requiring work, eg shortfall on fault level headroom and thermal capacity, extent of voltage outside limit.

Note 2 - Charging structure is currently under review. For the purpose of initial input to DG-BPQ, assume a generation connection charge boundary similar to that of demand.

Unique DG project ID No.	[Note 3] How DG expected to help to avoid		Opex saving	DG

Table 3.2b Future Baseline DG Information - Work & Costs Expected to Be Avoided on Shared Assets

Note 3 - Specify type & scale of problems that DG helps solving, eg increase on headroom of thermal capacity nad voltage within limit.

Note 4 - In cases of delaying shared asset work, specify the original planned and the new expected times for the work.

Note 5 - Enter the net present value at year of full commissioning.

Note 6 - This includes a reduction in the connection charges to DG as well as any payment for associated ancillary services such as voltage support.

Table 3.3 Future Baseline DG Information - Strategic and Overall DG-Related Costs

Itemised DG costs not recovered from individual DG charges (£m)	Capex	-	

[Note 1] Total DG costs not recovered from individual DG charges (£m)	
[Note 1] Total DG costs expected to be recovered from individual DG charges (£m)	
[Note 1] Total Forecast DG Costs (£m)	

Note 1 - These should be entered as 2002/03 values (assuming that both the headline and the underlying rate of inflation is 2.5% from April 2003 onwards).

[Note 1] Fuel / Technlgy (No.)		-
1		
2		
3		
4		
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10		
11		
12		
13		

Table 4a Future Incremental DG Information - Generation (Scenario X)

Note 1 - See Table R1 "DG Fuel / Technology Types".

Table 4b Future Incremental DG Information - Capital and Operational Expenditure - all in 2002/03 values (Scenario X)

[Note 2]			Proportion of			[Note 2]		[Note 2]		
Direct cost	[Note 2]	[Note 2]	shared assets	[Note 2]		Strategic		Expected	[Note 3]	[Note 4]
of	Direct cost	Direct cost of	costs to be	Direct costs		operational	Expected	payment for	Expected	<b>Expected</b> impact
installing sole	of installing	refurbishing	recovered	saving on		expenditure	average	ancillary	Impact on	on QoS
use assets	shared assets	shared assets	from DG	shared assets	O&M	above O&M	constraints	services to DG	losses	performance
(£m)	(£m)	(£m)	(%)	(£m)	(%)	(£m)	(MWh/yr)	(£m)	(%)	

Note 2 - These should be entered as 2002/03 values (assuming that both the headline and the underlying rate of inflation is 2.5% from April 2003 onwards).

Further supporting materials, eg details of major categories / items of assets, major categories of operation cost above normal O&M, and main types of ancillary services to be purchased, should be provided in the accompanying narrative.

Note 3 - Expressed as the average percentage of the expected total MWh DG output.

Note 4 - Expected impact on CI, CML, and other relevant effects (eg voltage, system stability & harmonics).