

LCN Fund Second Tier Full Submission Spreadsheet

(version 9.0)

Appendix A

DNO Name:

Western Power Distribution

Submission Date:

14.10.2011

	Input cells
	Totals cells (of formula within worksheet)
	Referencing to other worksheets
	Check cells
	No Input
	Descriptions and pack data
	Ofgem Input cells

Second Tier Funding Request

		2011/12	2012/13	2013/14	2014/15	2015/16	Total
Cost	From Project Cost Summary sheet						
	Labour	187.11	561.34	554.61	489.16	489.16	2,281.39
	Equipment	-	840.56	921.36	0.92	2.76	1,765.60
	Contractors	67.75	3,708.42	2,736.17	967.74	483.67	7,963.75
	IT	4.50	1,993.50	875.50	35.50	18.00	2,927.00
	IPR Costs	-	-	-	-	-	-
	Travel & Expenses	-	239.16	61.66	32.02	2.06	334.90
Payments to users & Contingency		-	7.00	116.50	116.50	-	240.00
	Decommissioning	-	-	-	-	-	-
	Other	-	525.47	86.09	21.10	44.59	677.25
	Total	259.36	7,875.46	5,351.88	1,662.94	1,040.24	16,189.88

External funding	Any funding that will be received from Project Partners and/or External Funders - from Project Cost Summary sheet						
	Labour	-	-	-	-	-	-
	Equipment	-	5.80	78.20	-	-	84.00
	Contractors	6.80	1,554.29	235.83	98.64	56.40	1,951.96
	IT	-	13.40	-	-	-	13.40
	IPR Costs	-	-	-	-	-	-
	Travel & Expenses	-	3.70	1.80	-	-	5.50
Payments to users & Contingency		-	-	-	-	-	-
	Decommissioning	-	-	-	-	-	-
	Other	-	9.10	-	-	-	9.10
	Total	6.80	1,586.29	315.83	98.64	56.40	2,063.96

DNO extra contribution	Any funding from the DNO which is in excess of the DNO Compulsory Contribution - from Project Cost Summary sheet						
	Labour	-	-	-	-	-	-
	Equipment	-	-	-	-	-	-
	Contractors	-	-	-	-	-	-
	IT	-	-	-	-	-	-
	IPR Costs	-	-	-	-	-	-
	Travel & Expenses	-	-	-	-	-	-
Payments to users & Contingency		-	-	-	-	-	-
	Decommissioning	-	-	-	-	-	-
	Other	-	-	-	-	-	-
	Total	-	-	-	-	-	-

Initial Net Funding Required	calculated from the tables above						
	Labour	187.11	561.34	554.61	489.16	489.16	2,281.39
	Equipment	-	834.76	843.16	0.92	2.76	1,681.60
	Contractors	60.95	2,154.13	2,500.34	869.10	427.27	6,011.79
	IT	4.50	1,980.10	875.50	35.50	18.00	2,913.60
	IPR Costs	-	-	-	-	-	-
	Travel & Expenses	-	235.46	59.86	32.02	2.06	329.40
Payments to users & Contingency		-	7.00	116.50	116.50	-	240.00
	Decommissioning	-	-	-	-	-	-
	Other	-	516.37	86.09	21.10	44.59	668.15
	Total	252.56	6,289.17	5,036.05	1,564.30	983.84	14,125.92

Direct Benefit:	from Direct Benefits sheet						
Total	31.50	63.00	94.50	94.50			252.00

DNO Compulsory Contribution / Direct Benefits	from Project Cost Summary sheet						
	Labour	25.30	561.26	454.66	156.50	98.40	1,296.13
	Equipment	-	-	48.90	-	-	48.90
	Contractors	-	67.70	-	-	-	67.70
	IT	-	-	-	-	-	-
	IPR Costs	-	-	-	-	-	-
	Travel & Expenses	-	-	-	-	-	-
Payments to users & Contingency		-	-	-	-	-	-
	Decommissioning	-	-	-	-	-	-
	Other	-	-	-	-	-	-
	Total	25.30	628.96	503.56	156.50	98.40	1,412.73

Outstanding Funding required	calculated from the tables above						
	Labour	161.81	0.08	99.94	332.66	390.76	985.2589
	Equipment	-	834.76	794.26	0.92	2.76	1,632.70
	Contractors	60.95	2,086.43	2,500.34	869.10	427.27	5,944.09
	IT	4.50	1,980.10	875.50	35.50	18.00	2,913.60
	IPR Costs	-	-	-	-	-	-
	Travel & Expenses	-	235.46	59.86	32.02	2.06	329.40
Payments to users & Contingency		-	7.00	116.50	116.50	-	240.00
	Decommissioning	-	-	-	-	-	-
	Other	-	516.37	86.09	21.10	44.59	668.15
	Total	227.26	5,660.20	4,532.49	1,407.80	885.44	12,713.20

balance	12,398.77	0.00	6,511.30	2,167.91	846.90	(8.39)	12,398.77
interest		0.00	189.10	86.79	30.15	8.39	314.43
							12,713.20

Bank of England interest rate		0.5%	SECOND TIER FUNDING REQUEST					£	12,398.77
interest rate used in calculation		2.0%							
RPI adjustment	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	
Index	239.40	249.54	258.86	267.66	276.24	284.83	293.57	302.53	
Annual inflation	5.71%	4.24%	3.73%	3.40%	3.21%	3.11%	3.07%	3.05%	

n.b the Second Tier Funding Request calculation should use the Bank of England Base rate plus 1.5% on 31 June of the year in which the Full Submission is made.

click this button to calculate the Second Tier Funding Request

Direct Benefits

Direct Benefit: Any benefits of the Project accruing to the DNO during the Project Implementation and include the following

- Revenue included in the DNO's Full Business Plan Questionnaire (FBPQ) for DPCR5 which will be saved through undertaking the project
- Incentive payments generated as a result of the Project for the duration of the Project

Description of Direct Benefit	Value of Direct Benefit (£k)				
	2011/12	2012/13	2013/14	2014/15	Total
					-
Incentive mechanism: IIS	31.5	63.0	94.5	94.5	283.5
					-
					-
Total Direct Benefits	31.5	63.0	94.5	94.5	283.5

n.b. These are Direct Benefits associated with the Project itself, not the wider deployment of the Solution and therefore should not exceed beyond the project or the DPCR5 period

Net Financial Benefit - The difference between the :
Base Case Costs i.e. the estimated costs of delivering the Solution(s) at the scale being trialled in the project) through the most efficient method currently in use on the GB Distribution System
Method Costs i.e. the estimated costs of replicating the Method, once it has been proven successful, at the scale being tested in the project.

DNOs can provide notes alongside costing in order to aid understanding of why these costs are required. This should be supplemented by a fuller qualitative account of the Base Case method and Method in the appendices.

Method 1 - FALCON

	Base Case costs (£K)	Description
	£ 7,000	Traditional reinforcement: Please refer to 4(b).
	£	
Total	£7,000	
	Method Costs (£K)	Description
	£ 5,800	New Method: Please refer to 4(b).
	£	
Total	£5,800	
Net financial benefit	£1,200	