

Appendix A
Indicative Renewable Energy Technology Table

Technology	Technology Type	Power Output Mega Watt (Mw)	
Wind	Large Scale* 80-135m	8.3	Total for Wind 26.21 Mw
	Medium Scale 40-80m	11.66	
	Small Scale 15-40m	6	
	Micro Scale <6kw	0.25	
Biomass	Woodfuel (Heat)	7.2	Total for Biomass 7.2 Mw
Energy Crops	Energy Crops (Heat)	2.44	Total for Energy Crops 2.44 Mw
Wet Organic Waste	Heat	0.96	Total for Wet Organic Waste 1.76 Mw
	Electricity	0.80	
Solar	Solar Arrays	6.14	Total for Solar 15.03 Mw
	Solar Voltaics	7.48	
	Solar Thermal	1.41	
Heat Pumps	Ground and Air	23.12	Total for Heat Pumps 23.71 Mw
	Water source	0.59	
Agricultural Arisings	Heat	0.47	Total for Agricultural Arisings 0.47 Mw
Hydro	Electricity	0.03	Total for Hydro 0.03 Mw
Landfill gas	Electricity	0.71	Total for Landfill Gas 0.71 Mw
* The lower end of the larger turbine size is considered more suitable in landscape sensitivity terms.			Overall Total 77.56 Mw

Appendix B

Summary of Existing Renewable Energy Developments within Hinckley and Bosworth (March 2013)

Technology	No. of Developments	Installed Capacity (MW)
Large, medium or small scale Wind	0	0
Micro Scale Wind*	3	0.024
Biomass	0	0
MSW	0	0
Landfill	1	2.64
Solar PV	644	2.6
Solar PV Array	0	0
Solar thermal	unknown	unknown
Hydro	0	0
Micro CHP	0	0
TOTAL	625	5.264

Appendix C

Summary of Existing Renewable Energy Developments within Leicestershire (March 2013)

Technology	Blaby		Charnwood		Harborough		Melton		NW Leicestershire		Oadby & Wigston		Rutland	
	No of Developments	Installed Capacity (MW)	No of Developments	Installed Capacity (MW)	No of Developments	Installed Capacity (MW)	No of Developments	Installed Capacity (MW)	No of Developments	Installed Capacity (MW)	No of Developments	Installed Capacity (MW)	No of Developments	Installed Capacity (MW)
Commercial Wind	0	0	4	14.05	4	44.3	3	28.4	2	1.28	0	0	0	0
Micro Scale Wind	1	0.006	3	0.22	11	0.129	1	0.05	2	0.033	0	0	3	0.013
Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MSW	0	0	1	21	0	0	0	0	0	0	0	0	0	0
Landfill	3	9.44	3	6.58	1	2.3	0	0	2	3.07	0	0	0	0
Solar PV	475	1,674	899	3,501	624	2,532	462	1,882	530	1,989	311	1,073	356	1,470
Solar PV Array	0	0	1	32	0	0	1	4.8	0	0	0	0	0	0
Hydro	0	0	0	0	0	0	0	0	1	0.3	0	0	0	0
Micro CHP	0	0	0	0	0	0	0	0	1	0.02	0	0	0	0
TOTAL	479	11.12	911	77.351	640	49.261	467	35.132	538	6.692	311	1.073	359	1.483

Appendix D
Summary of Sensitivity Ratings for Landscape Character Areas

Landscape Character Area	Small scale wind turbines (25-40m)	Medium scale wind turbines (40-80m)	Large scale wind turbines (80-135m)
A: Charnwood Fringe Character Area	Low-moderate	Moderate	Moderate-high
B: Forest Hills Character Area	Low	Low-moderate	Moderate
C: Market Bosworth Parkland Character Area	Low-moderate	Moderate	Moderate-high
D: Desford Vales Character Area	Low	Moderate	Moderate-high
E: Stoke Golding Vales Character Area	Low-moderate	Moderate	Moderate-high
F: Hinckley, Barwell and Burbage Fringe Character Area	Low	Low-moderate	Moderate
G: Fen Lanes Character Area	Low	Low-moderate	Moderate
H: Upper Mease Character Area	Low	Low-moderate	Moderate
I: Gosport Parkland Character Area	Low-moderate	Moderate	Moderate-high
J: Upper Sence Character Area	Low-moderate	Moderate	Moderate-high