



# UK Carbon Capture and Storage Demonstration Competition

UKCCS - KT - S5.2 - OS - 001

Outline Solution Cost Schedule

April 2011  
ScottishPower CCS Consortium



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ScottishPower Generation Limited  
Longannet Power Station  
Kincardine on Forth  
Clackmannanshire  
Scotland

## IMPORTANT NOTICE

**Information provided further to UK Government's Carbon Capture and Storage ("CCS") competition to develop a full-scale CCS facility (the "Competition")**

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## CAPEX (£m)

OPEX (£m)	Segment:	SPS		CCP		Comp.		BoP		OE		KS		NewPipe		Feeder10		StFergus		Pipe (off)		Topsides		Wells		
		Unit Price	Driver	Unit Price	Driver	Unit Price	Driver	Unit Price	Driver	Unit Price	Driver	Unit Price	Driver	Unit Price	Driver	Unit Price	Driver	Unit Price	Driver	Unit Price	Driver	Unit Price	Driver	Unit Price	Driver	
Fuel / Power / Energy	fixed: variable:	60.40	p.a. (operating)															10.5	p.a. (operating)							
=> Amine	fixed: variable:																									
to add to Pricing Model																										
Consumables	fixed: variable:	1.76	p.a. (operati	8.67	p.a. (operati	0.105	p.a. (operating)																			
Waste disposal	fixed: variable:																									
Maintenance	fixed: variable:	2.17	p.a. (always)	5.00	p.a. (always)	2.785	p.a. (always)	0.59	p.a. (always)			0.53	p.a. (always)					0.5	p.a. (always)							
Staff	fixed: variable:					0.680	p.a. (always)	2.08	p.a. (always)	1.5	p.a. (always)							0.3	p.a. (always)							
Rates	fixed: variable:						6.48	p.a. (always)																		
Insurance	fixed: variable:					0.395	p.a. (always)	6.48	p.a. (always)									0.4	p.a. (always)							
Overheads	fixed: variable:	0.26	p.a. (always)					0.45	p.a. (always)	1.5	p.a. (always)															
Lease Costs	fixed: variable:																									
Other Fixed Costs	fixed: variable:					0.354	p.a. (operati	0.43	p.a. (always)			2.33	p.a. (always)						15.5	p.a. (always)				0.25	p.a. (always)	
Provision for Decommissioning	fixed: variable:																									

NB Operating costs will be imported into the Pricing Model. This will apply various macroeconomic forecasts and operating profiles to calculate the annual costs.

**ABEX**

(£m)	Segment:	SPS	CCP	Comp.	BoP	Owners Eng. / Mgt	KS	NewPipe	Onshore Pipe	StFergus	Offshore Pipe	Topsides / Platform	Wells	TOTAL
		47.5	70.2	12.8	14.7	-	-	10.8	8.0	10.4	-	9.3	16.9	
Abandonment Expenditure		47.5	70.2	12.8	14.7	-	-	10.8	8.0	10.4	-	9.3	16.9	200.6
[Category 2]		-	-	-	-	-	-	-	-	-	-	-	-	-
[Category 3]		-	-	-	-	-	-	-	-	-	-	-	-	-
[Category 4]		-	-	-	-	-	-	-	-	-	-	-	-	-
[Category 5]		-	-	-	-	-	-	-	-	-	-	-	-	-
[Category 6]		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total AbEx:</b>		<b>47.5</b>	<b>70.2</b>	<b>12.8</b>	<b>14.7</b>	<b>-</b>	<b>-</b>	<b>10.8</b>	<b>8.0</b>	<b>10.4</b>	<b>-</b>	<b>9.3</b>	<b>16.9</b>	<b>200.6</b>