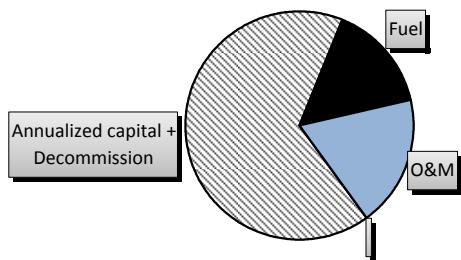


## Summary of Cost Results

Discount rate	5%
Interest	5%
Fuel Escalation	3%

### Power plant

Type	Gas Cycle - Nuclear
Reference thermal output	1800 MW(th)
Reference electricity output	756 MW(e)
Site Specific Electricity Production	4707 GWh/yr
Availability	90%



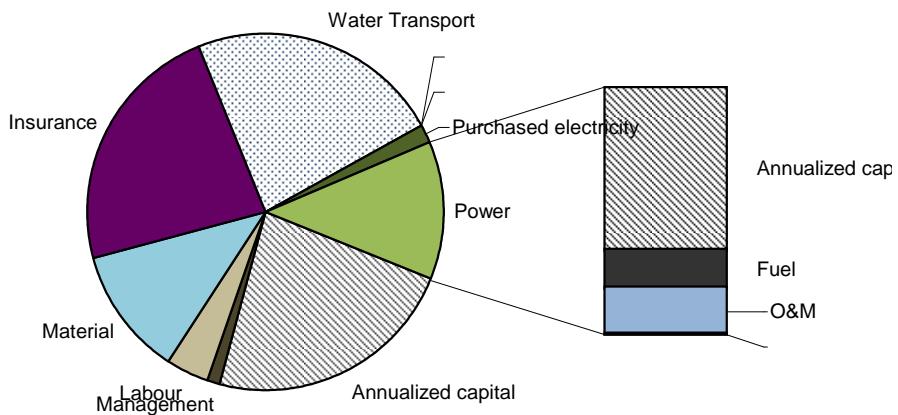
Capital Costs of Power Plant			X
	Total (M\$)	Specific (\$/kW)	Share
Overnight EPC costs	2.646	3.500	77%
Owners costs	265	350	8%
Contingency cost	-	-	0%
Interest during construction	146	193	4%
Decommissioning costs	397	525	11%
<b>Total Capital Costs</b>	<b>3.453</b>	<b>4.568</b>	
<b>Annualized Capital Costs</b>	<b>201</b>	<b>266</b>	
Sp. Annualized Capital Costs		0,043	

Operating Costs of Power Plant		
	Total (M\$)	Specific (\$/kWh)
Fuel Costs	47	0,010
Operation & Maintenance costs	56	0,012
Carbon tax	-	-
<b>Annual Operating costs</b>	<b>103</b>	<b>0,022</b>

<b>TOTAL ANNUAL COST</b>	<b>305 M\$</b>
<b>Power Cost</b>	<b>0,065 \$/kWh</b>

## Desalination plant

Type	MSF RO
Total Capacity	20000 m <sup>3</sup> /d
Feed Salinity	35000 ppm
Combined Availability	81%
Water Production	6,57 Mm <sup>3</sup> /yr
Power Lost	0,0 MW(e)
Power Used for desalination	597 MW(e)



Capital Costs of Desalination Plant					
	MSF	RO	Total (M\$)	Specific (\$/m <sup>3</sup> d)	Share
Construction Cost	-	24	24	1.177	80%
Intermediate loop cost	-	-	-	-	0%
Backup Heat Source	-	-	-	-	0%
Infall/Outfall costs	-	-	2	77	5%
Water plant owners cost	-	1	1	59	4%
Water plant contingency cost	-	2	2	124	8%
Interest during Construction	-	1	1	34	2%
<b>Total Capital Costs</b>	-	28	29	1470	
<b>Annualized Capital Costs</b>			2		
Sp. Annualized Cap Costs				<b>0,34</b> \$/m <sup>3</sup>	

Operating Costs of Desalination Plant					
	MSF	RO	Total (M\$)	Specific (\$/m <sup>3</sup> )	Share
<b>Energy Costs</b>					
Heat cost	-	-	-	-	0%
Backup heat cost	-	-	-	-	0%
Electricity cost	-	1,2	1,2	0,18	38%
Purchased electricity cost	-	0,2	0,2	0,03	5%
<b>Total Energy Costs</b>	-	1	1	0,21	44%
<b>Operation and Maintenance Costs</b>					
Management cost	-	-	0,13	0,02	4%
Labour cost	-	-	0,36	0,05	11%
Material cost	-	1,15	1,2	0,18	37%
Insurance cost	-	0,14	0,1	0,02	4%
<b>Total O&amp;M cost</b>	-	1	2	0,27	56%
<b>Total Operating Costs</b>	-	3	3	<b>0,48</b>	
<b>Total annual cost</b>				<b>5,38 M\$</b>	
Water production cost				0,820 \$/m <sup>3</sup>	
Water Transport costs				0,343 \$/m <sup>3</sup>	
<b>Total water cost</b>				<b>1,162 \$/m<sup>3</sup></b>	