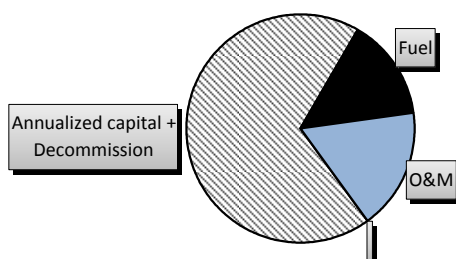


## Summary of Cost Results

Discount rate	5%
Interest	5%
Fuel Escalation	3%

### Power plant

Type	Combined Cycle - Nuclear
Reference thermal output	1800 MW(th)
Reference electricity output	990 MW(e)
Site Specific Electricity Production	6337 GWh/yr
Availability	90%



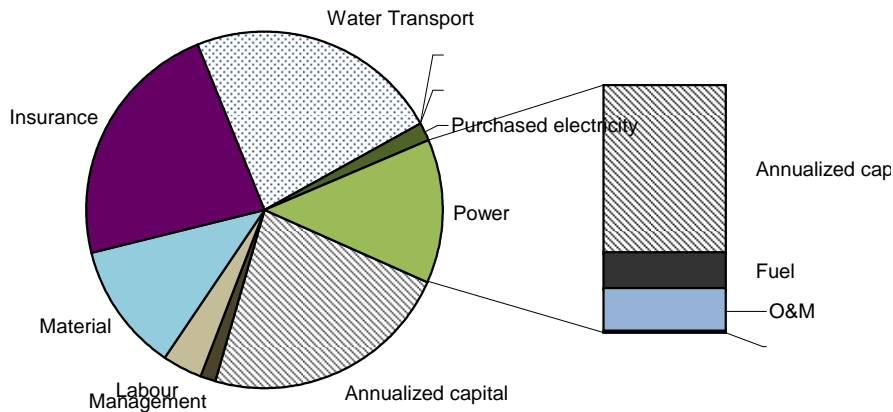
Capital Costs of Power Plant				X
	<i>Total (M\$)</i>	<i>Specific (\$/kW)</i>	<i>Share</i>	
Overnight EPC costs	3.960	4.000	77%	
Owners costs	396	400	8%	
Contingency cost	-	-	0%	
Interest during construction	218	220	4%	
Decommissioning costs	594	600	11%	
<b>Total Capital Costs</b>	<b>5.168</b>	<b>5.220</b>		
<b>Annualized Capital Costs</b>	<b>301</b>	<b>304</b>		
Sp. Annualized Capital Costs		0,048		

Operating Costs of Power Plant			
	<i>Total (M\$)</i>	<i>Specific (\$/kWh)</i>	<i>Share</i>
Fuel Costs	63	0,010	45%
Operation & Maintenance costs	76	0,012	55%
Carbon tax	-	-	0%
<b>Annual Operating costs</b>	<b>139</b>	<b>0,022</b>	

<b>TOTAL ANNUAL COST</b>	<b>440 M\$</b>
<b>Power Cost</b>	<b>0,069 \$/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	804 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	-	1,3	1,3	0,20	40%
Purchased electricity cost	-	0,2	0,2	0,03	5%
<b>Total Energy Costs</b>	-	1	1	0,22	45%
<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	36%
Insurance cost	-	0,14	0,1	0,02	4%
<b>Total O&amp;M cost</b>	-	1	2	0,27	55%
<b>Total Operating Costs</b>	-	3	3	<b>0,49</b>	
<b>Total annual cost</b>				<b>5,47 M\$</b>	
Water production cost				0,833	\$/m <sup>3</sup>
Water Transport costs				0,343	\$/m <sup>3</sup>
<b>Total water cost</b>				<b>1,176</b>	<b>\$/m<sup>3</sup></b>