Parameter		Nuclear[5]	Combined cycle gas turbine	Pulverised coal	Wind - onshore	Open cycle gas turbine
Investment cost[1], USD/kW		2 500	650	1 400	900	400
Construction time, months		60	36	48	18	24
Lifetime, years		40[4]	25	40[4]	20	20
Capacity factor, %		85	85	85	28	1
Thermal efficiency[2], %		33	58	44	-	37
Cost of fuel, USD/MBtu[3]		0.5	6.0	2.2	-	6.0
Operation and Maintenance Costs, USD/kW/year		65	25	50	20	20
Levelised costs, USD/MWh						
discount rate 6.7%[6]	Investment	41	10	22	50	609
	Fuel	7	45	21	0	70
	O&M	9	4	7	9	238
	Total	**57**	**59**	**50**	**59**	**917**
discount rate 9.6%[6]	Investment	65	15	34	65	800
	Fuel	7	45	21	0	70
	O&M	9	3	7	9	237
	Total	**81**	**63**	**62**	**74**	**1 107**

1 Total capital expenditure, excluding financing costs

2 Lower heating value (LHV).

3 Million British Thermal Units (MBtu) is a common unit for natural gas. USD 2.2 /MBtu for coal corresponds to USD 55 /tonne. Nuclear fuel costs include uranium (USD 30 /lbU), enrichment, conversion and fabrication. Fuel price is assumed to escalate at 0.5% per annum.

4 25 years in the high discount rate case.

5 Nuclear costs include USD 350 million for decommissioning and USD 1/MWh for waste disposal.

6 Discount rate: real (2% inflation), after tax (30%), weighted average cost of capital.