

## Plant Data for HW 6, EGR 325

Name	Life	Construction Time	Capacity	Capacity Cost	Marginal Cost
Nuclear	40	9	900	2200	
Comb. cycle	25	6	600	1500	
Coal new	35	6	600	950	
Oil/Gas	25	6	300	600	
Gasturbine	25	3	25	450	
Hydro	40	6	750	1000	

Name	Life	Construction Time	Capacity	Capacity Cost	Marginal Cost	Capacity factor, peaking hours	Capacity Factor, intermediate hours	Capacity Factor, baseload hours
Conservation, Industrial	20	5	10	900		0.85	0.4	0.15
Cons Commercial	20	5	5	900		0.7	0.5	0.3
Cogeneration	20	3	10	900		0.9	0.5	0.1
Solar	15	3	10	450		0.9	0.3	0
Wind	20	3	10	450		0.26	0.26	0.26

## Fuel Parameters

Coal	Gas	Oil	Uranium	Parity with oil	CO2 emissions
0.1	1	1	0.05		
93.8	56.1	74	0		