

<b>OIL INDIA LIMITED</b>						
<b>3X10 MW POWER PLANT EXTENSION AT DULIAJAN</b>						
<b>HEAT RATE ADJUSTMENT CALCULATION DUE TO INCREASE IN NET HEAT RATE BY 1 KCAL/KWH</b>						
	INCREASE IN HEAT RATE NET				1	KCAL/KWH
	AUXILIARY POWER CONSUMPTION				2	%
	INCREASE IN HEAT RATE GROSS				1.0204	KCAL/KWH
	ANNUAL OPERATING HOURS FACTOR			0.8		
	POWER STATION SIZE-NET			24.4	MW	170.9952 MU/YEAR
	FUEL GAS CALORIFIC VALUE			8700	KCAL/SCUM	
	FUEL COST INCREASE PER YEAR %			6		
YR	FUEL COST		FUEL COST	ENERGY	TOTAL CST	
	RS/SCM		RS	MU	MRS	
1	6.5		0.000762374	170.9952	0.13036228	
2	6.89		0.000808116	170.9952	0.138184017	
3	7.30		0.000856603	170.9952	0.146475058	
4	7.74		0.000908	170.9952	0.155263561	
5	8.21		0.00096248	170.9952	0.164579375	
6	8.70		0.001020228	170.9952	0.174454138	
7	9.22		0.001081442	170.9952	0.184921386	
8	9.77		0.001146328	170.9952	0.196016669	
9	10.36		0.001215108	170.9952	0.207777669	
10	10.98		0.001288015	170.9952	0.220244329	
11	11.64		0.001365296	170.9952	0.233458989	
12	12.34		0.001447213	170.9952	0.247466528	
13	13.08		0.001534046	170.9952	0.26231452	
14	13.86		0.001626089	170.9952	0.278053391	
15	14.70		0.001723654	170.9952	0.294736595	
16	15.58		0.001827073	170.9952	0.31242079	
17	16.51		0.001936698	170.9952	0.331166038	
18	17.50		0.0020529	170.9952	0.351036	
19	18.55		0.002176074	170.9952	0.37209816	
20	19.67		0.002306638	170.9952	0.39442405	
21	20.85		0.002445036	170.9952	0.418089493	
22	22.10		0.002591739	170.9952	0.443174862	
23	23.42		0.002747243	170.9952	0.469765354	
24	24.83		0.002912078	170.9952	0.497951275	
25	26.32		0.003086802	170.9952	0.527828352	
	DISCOUNT RATE			10	%	
	NPV			Rs. 2.16	MRS/KCAL/KWH	
				88.7	RS/KCAL/KWH/KW	
	<b>HEAT RATE EVALUATION FACT</b>			<b>88.7</b>	<b>RS/KCAL/KWH/KW</b>	
	HEAT RATE PENALTY @120% OF NPV			106	RS/KCAL/KWH/kW	