GENERATION UNITS					
	Energy into SOFC	Energy into Turbin	e	Total Energy In	Total NH3 tons/yr
1156300000			116836060.92		
Combined Generation efficiency	SOFC efficiency	Turbine efficiency			
0.62		0.627	0.433	3	
	SOFC duty	Turbine duty		7	
	SOFC duty	0.95	0.05		
		0.55	0.00		
NH3 HHV ΔHc MJ/ton	NH3 LHV ΔHc MJ/ton	NH3 Precracked L	- IV ΔHc MJ/ton	1	
22500		18557	19688.24	1	
HARER ROCCH	1				
HABER BOSCH Purge Fraction of Inlet	NH3 'into' Haber	H2 into Haber		N2 into Haber	1
Purge Fraction of Inlet		7429.51	15428.74		
5%	8	7429.31	15428.72	72000.77	
ELECTROLYSER	1				
Production of H2 (minimum)	Production (Safety Factor) H2	2 Elec.Energy Used	MJ	7	
15428.74		6971.61	3435538888.19	<mark>)</mark>	
				-	
Safety Factor	Efficiency	H2 HHV ΔHc MJ/to			
1.1		0.7	141700	<u>)</u>	
AIR SEPARATOR	1				
Production of N2 (minimum)	Production (Safety Factor) N2	2 Elec.Energy Used	M.J	7	
72000.77		9200.85	31363536.39	<mark>)</mark>	
	Safety Factor	Energy Used Per T	on in MJ		
		1.1	396	<u>5</u>	
CTODAGE	1				
STORAGE	Sofaty footor	May ammania atau	aga tana		
Demand/supply max diff MJ 108864000	Safety factor	Max ammonia stor	age tons 19006.85		
10884000			19000.85	<u>'</u>	
ENERGY BALANCE	1				
	Not Used By Company	Enorgy In Dolones		Extra Bower Congreted (%)	1
Net Into Plant	Net Used By Components	Energy In Balance	044507575 40050	Extra Power Generated (%)	
4508500000	346690242	4.57647	<mark>.041597575.42353</mark>	3 23.10	
					1
Process Efficiency	Energy to Grid (Direct from W			Turbine Duty	
33.35%	3532	2620000 Company of the company of th	123709538.46	65.38%	