





![](_page_1_Figure_1.jpeg)

![](_page_1_Figure_3.jpeg)

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## **Most Innovative Environmental Project -1**

![](_page_2_Picture_2.jpeg)

![](_page_2_Picture_3.jpeg)

## • **Project:** Incidental Steam Pressure Energy into Electricity

• Category : Green Energy Saving Project

• Name of Organization : TATA CHEMICALS LTD

![](_page_2_Figure_7.jpeg)

![](_page_2_Figure_8.jpeg)

![](_page_3_Figure_1.jpeg)

![](_page_3_Figure_3.jpeg)

![](_page_4_Figure_1.jpeg)

Day	300	Plant Operation	Day	Maxi 300
Бау	300	Plant Operation	Day	300
кwн				
11111	10.8 Lac	PRT Generator output	KW	150 (60% rated flow
Rs / KWH	5.85	Operating hours daily	Hour	24
Rs (Lac)	64			
Rs (Lac)	112	Daily Electrical Output KWH	Unit	3600
Rs (Lac)	10			
Rs (Lac)	122	Annual Unit Generated	KWH	10.8 Lac
Year	2.5	Annual Saving (5.85 Rs/KWH)	Rs	64 Lac
F	Rs (Lac) Rs (Lac) Rs (Lac) Rs (Lac) Rs (Lac) Rs (Lac) Year	Rs / KWH         5.85           Rs (Lac)         64           Rs (Lac)         112           Rs (Lac)         10           Rs (Lac)         122           Year         2.5	Rs / KWH     5.85       Rs (Lac)     64       Rs (Lac)     112       Rs (Lac)     112       Rs (Lac)     10       Rs (Lac)     10       Rs (Lac)     122       Year     2.5	Rs / KWH     5.85       Rs (Lac)     64       Rs (Lac)     112       Rs (Lac)     112       Rs (Lac)     10       Rs (Lac)     10       Rs (Lac)     122       Year     2.5         Operating hours daily     Hour       Hour     Hour

![](_page_5_Picture_1.jpeg)

![](_page_5_Picture_3.jpeg)

![](_page_6_Figure_1.jpeg)

![](_page_6_Figure_3.jpeg)

![](_page_7_Figure_1.jpeg)

![](_page_7_Figure_3.jpeg)

![](_page_8_Figure_1.jpeg)

![](_page_8_Picture_3.jpeg)