

Basic Financial data and Cash Flow for setting up of 10 KWp RT Solar Power Project for Residence

PART-I Preliminary Information

Description of Project		
Project Size	KW	10
Project Life	Years	25
Use		Captive
No. of unit generated p.a.	Units	14,600.00
Total Project Cost (TPC)	Rs.	630,000.00
Less: Subsidy	Rs.	170,000.00
Total Project Cost	Rs.	460,000.00
Add: GST @ 5%	Rs.	23,000.00
Total Project Cost	Rs.	483,000.00

Current Power Tariff rate including fix charges	Rs.	6.50
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A Source of Fund		
Bank Finance @ 10.5% p.a.	Rs.	338,000.00
Own Fund	Rs.	145,000.00
Total	Rs.	483,000.00

PART-II Analysis of Cash Flows during Loan Repayment Tenure

Rs. In Lakhs

B	Cash Inflow	Rs. In Lakhs									
		Year-1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
	Approx. saving p.a. on a/c of Energy Bill @ Rs.6.5/unit	0.95	0.94	0.94	0.98	0.98	1.02	1.02	1.06	1.11	1.10
	Total saving	0.95	0.94	0.94	0.98	0.98	1.02	1.02	1.06	1.11	1.10
C	Net Cash Outflows	Year-1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
	Own Investment	(1.45)	-	-	-	-	-	-	-	-	-
	Loan Repayment	(0.76)	(0.76)	(0.76)	(0.76)	(0.76)	(0.76)	-	-	-	-
	Total Cash Outflows	(2.21)	(0.76)	(0.76)	(0.76)	(0.76)	(0.76)	-	-	-	-
	Net Cash flows (B-C)	(1.26)	0.18	0.18	0.22	0.21	0.26	1.02	1.06	1.11	1.10
	IRR	18%									
	ROI		13%	12%	15%	15%	18%	70%	73%	76%	76%