

## ESKAY Group Saves Millions with Solar Energy

Basic Statistics		ZERO Investment		CASE II - Client Investment	
Solar Plant Size	1,000 kW	Tariff	13.7 ₹ per unit	Project Cost	480.00 lakhs
Plant Load Factor 1st Year	17.20% annual	Tariff - Solar Energy	6 ₹ per unit	Corporate Investment	10% 48.00 lakhs
Area	1,00,000 Sq Ft	Avg Govt Tariff Escalation	4.00% annual	Loan	90% 432.00 lakhs
1st Year generation from solar plant	15.07 lakh units p.a.	Solar Escalation	1.00% annual	Interest on Loan	7.00%
Annual Deration	0.70% p.a			Duration of Loan	7 Years
				O & M	9.60 lakhs p.a.
				Annual Hike in O&M Rate	5.0% p.a.
				Depreciation Available - 1st Yr	40.0%
Tenure	25 Years			Depreciation - From 2nd year	40.0%

	Generation kWh or Units	Before Solar		After Solar - <u>ZERO</u> Investment				After Solar - Client Investment						
		Electricity Rate	Billing payable to GEB	Solar Rate	Solar Bill	O&M by Developer	CLIENT SAVINGS	O&M by Develope	Total EXPENSE	CLIENT SAVINGS	CUMULATIVE CASHFLOW	Depreciatio n	Tax Savings @ 33.5%	CUMULATIVE CASHFLOW
Calculation	a	b	c = a*b	d	e = a*d	f	g = c - e - f	h	i = Loan+h	j = c - i	k = sum ( i )	L	m = L*33.5%*Cost	n = sum ( m )
Year / Units	Lakhs	INR	Lakhs	INR	Lakhs	Lakhs	Lakhs	Lakhs	Lakhs	Lakhs	Lakhs	%	Lakhs	Lakhs
1st Year	15.067	13.700	206.421	6.000	90.403	0.000	116.017	9.60	135.84	70.58	70.58	40.00%	64.32	134.9
2nd Year	14.962	14.248	213.175	6.060	90.668	0.000	122.507	10.08	88.32	124.85	195.43	24.00%	38.59	298.3
3rd Year	14.857	14.818	220.150	6.121	90.934	0.000	129.216	10.58	88.82	131.33	326.76	14.40%	23.16	452.8
4th Year	14.753	15.411	227.353	6.182	91.200	0.000	136.153	11.11	89.35	138.00	464.76	8.64%	13.89	604.7
5th Year	14.650	16.027	234.792	6.244	91.467	0.000	143.325	11.67	89.91	144.88	609.64	5.18%	8.34	757.9
6th Year	14.547	16.668	242.474	6.306	91.735	0.000	150.739	12.25	90.49	151.98	761.62	3.11%	5.00	914.9
7th Year	14.445	17.335	250.408	6.369	92.004	0.000	158.404	12.86	91.11	159.30	920.93	1.87%	3.00	1077.2
8th Year	14.344	18.028	258.602	6.433	92.274	0.000	166.328	13.51	13.51	245.09	1166.02	1.12%	1.80	1324.1
9th Year	14.244	18.749	267.063	6.497	92.544	0.000	174.519	14.18	14.18	252.88	1418.90	0.67%	1.08	1578.1
10th Year	14.144	19.499	275.801	6.562	92.815	0.000	182.986	14.89	14.89	260.91	1679.81	0.40%	0.65	1839.6
11th Year	14.045	20.279	284.826	6.628	93.087	0.000	191.738	15.64	15.64	269.19	1949.00	Additional  Depreciation		2108.8
12th Year	13.947	21.091	294.145	6.694	93.360	0.000	200.785	16.42	16.42	277.73	2226.72			2386.5
13th Year	13.849	21.934	303.770	6.761	93.634	0.000	210.136	17.24	17.24	286.53	2513.25			2673.1
14th Year	13.752	22.812	313.709	6.829	93.908	0.000	219.801	18.10	18.10	295.61	2808.86			2968.7
15th Year	13.656	23.724	323.973	6.897	94.183	0.000	229.790	19.01	19.01	304.97	3113.82			3273.7
16th year	13.560	24.673	334.574	6.966	94.459	0.000	240.115	19.96	19.96	314.62	3428.44	Benefits		3588.3
17th Year	13.465	25.660	345.521	7.035	94.736	0.000	250.785	20.96	20.96	324.57	3753.01			3912.8
18th Year	13.371	26.686	356.827	7.106	95.013	0.000	261.813	22.00	22.00	334.82	4087.83			4247.7
19th Year	13.278	27.754	368.502	7.177	95.292	0.000	273.210	23.10	23.10	345.40	4433.23			4593.1
20th Year	13.185	28.864	380.559	7.249	95.571	0.000	284.988	24.26	24.26	356.30	4789.53			4949.4
21st Year	13.092	30.018	393.011	7.321	95.851	0.000	297.160	25.47	25.47	367.54	5157.07		5316.9	
22nd Year	13.001	31.219	405.870	7.394	96.132	0.000	309.739	26.75	26.75	379.13	5536.19		5696.0	
23rd Year	12.910	32.468	419.151	7.468	96.413	0.000	322.737	28.08	28.08	391.07	5927.26		6087.1	
24th Year	12.819	33.767	432.865	7.543	96.696	0.000	336.169	29.49	29.49	403.38	6330.64		6490.5	
25th Year	12.730	35.117	447.029	7.618	96.979	0.000	350.049	30.96	30.96	416.07	6746.71		6906.5	

Solar Benefits : Snapshot	
---------------------------	--

<div>TOTAL : 25 YEARS</div> <div>346.67</div> <div>Units</div> <div><div>25+ Years Life</div></div> <div>Journey towards Clean Energy Starts HERE &amp; NOW</div>	<div>7801</div> <div>Elec Cost in ₹ ( Lakhs )</div> <div>High Cost</div> <div>Cost</div> <div>78.01 Crore</div>	<div>2341</div> <div>Solar Elec Cost in ₹ ( Lakhs )</div> <div>Solar Cost</div> <div>Investment</div> <div>0</div>	<div>5459</div> <div>Total ₹ Savings ( Lakhs )</div> <div>Solar Savings</div> <div>Free Savings</div> <div>69.98%</div>	<div>1053.86</div> <div>Operating Expenses in ₹ ( Lakhs )</div> <div>6747</div> <div>Total ₹ Savings ( Lakhs )</div> <div>86.49% Cost Reduction</div> <div>IRR</div> <div>#NUM!</div>	<div>6747</div> <div>Total ₹ Savings ( Lakhs )</div> <div>PAYBACK</div> <div>&lt; 1 year</div>	<div>99.40%</div> <div>Dep %</div> <div>160</div> <div>Tax ₹ Saved ( Lakhs )</div> <div>74182</div> <div>Total ₹ Savings ( Lakhs )</div> <div>Bonus Accelerated Depreciation</div> <div>Tax Benefits</div> <div>1.6 Crore</div>	<div>74182</div> <div>Total ₹ Savings ( Lakhs )</div> <div>PAYBACK</div> <div>4 months</div>
---	---	--	---	---	--	---	--

Presented by Solar@ETAmation • Pioneers in Renewable Energy • Private and Confidential Document • Numbers are indicative and are subject to change