25 Year Levelized Tariff
45 KW- Grid Interactive Solar Photovoltaic Plant-Clear Water Grid Bawana

Assumptions					
Rating of the Plant			0.0450	MW	
Project Cost			0.2962	Rs. Crores	
Debt			0.70	0.2073	INR Crores
Equity			0.30	0.0889	INR Crores
Rate of Interest on loan			10.17%	Actual rate of Interest of TPDDL	
Return on Equity			19.00%	24.00%	
Tax Rate					
Loan Repayment Period			10.00	Years	
Depreciation			7.00%	1.33%	
O&M Cost			0.0043	INR Crores	
Interest on Working Capital			11.43%	Actual rate of Interest of TPDDL	
Rate of Return considered for Levelised Tariff			13.72%	WACC	
Escalation (O& M)			0.0572	1.06	
PLF			19.00%		

Cost	Subsidy
0.5985	0.3023

Years		1	2	3	4	5	6	7	8	9	10	11	12	13
Interest on Loan Capital		0.0200	0.0179	0.0158	0.0137	0.0116	0.0095	0.0074	0.0053	0.0032	0.0011	0.0000	0.0000	0.0000
Depreciation		0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0039	0.0039	0.0039
Cumulative Depreciation		0.0207	0.0415	0.0622	0.0829	0.1037	0.1244	0.1451	0.1659	0.1866	0.2073	0.2113	0.2152	0.2192
Cumulative Repayment		0.0207	0.0415	0.0622	0.0829	0.1037	0.1244	0.1451	0.1659	0.1866	0.2073	0.2073	0.2073	0.2073
Loan o/s at the end		0.1866	0.1659	0.1451	0.1244	0.1037	0.0829	0.0622	0.0415	0.0207	0.0000	0.0000	0.0000	0.0000
Return on Equity		0.0169	0.0169	0.0169	0.0169	0.0169	0.0169	0.0169	0.0169	0.0169	0.0169	0.0213	0.0213	0.0213
O&M Expenses		0.0045	0.0048	0.0051	0.0053	0.0056	0.0060	0.0063	0.0067	0.0071	0.0075	0.0079	0.0083	0.0088
Interest on Working Capital		0.0013	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0011	0.0011	0.0011	0.0009	0.0009	0.0009
Annual Fixed Cost		0.0635	0.0616	0.0598	0.0579	0.0561	0.0543	0.0525	0.0507	0.0490	0.0472	0.0340	0.0345	0.0350
Units Generated in the year (MUs)		0.0749	0.0749	0.0749	0.0749	0.0749	0.0749	0.0749	0.0749	0.0749	0.0749	0.0749	0.0749	0.0749
Unit Cost (Rs / Unit)		8.4781	8.2272	7.9784	7.7318	7.4875	7.2456	7.0063	6.7697	6.5360	6.3054	4.5417	4.6047	4.6713
Discounting Factor		1.0000	0.8794	0.7733	0.6800	0.5980	0.5258	0.4624	0.4066	0.3575	0.3144	0.2765	0.2431	0.2138
Discounted Tariff		8.4781	7.2347	6.1695	5.2575	4.4772	3.8099	3.2396	2.7526	2.3370	1.9825	1.2557	1.1195	0.9987
Levelized Tariff/Unit	6.96													

Years	14	15	16	17	18	19	20	21	22	23	24	25
Interest on Loan Capital	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Depreciation	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039
Cumulative Depreciation	0.2231	0.2271	0.2310	0.2350	0.2389	0.2429	0.2468	0.2508	0.2547	0.2587	0.2626	0.2666
Cumulative Repayment	0.2073	0.2073	0.2073	0.2073	0.2073	0.2073	0.2073	0.2073	0.2073	0.2073	0.2073	0.2073
Loan o/s at the end	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Return on Equity	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213
O&M Expenses	0.0093	0.0098	0.0104	0.0110	0.0116	0.0123	0.0130	0.0137	0.0145	0.0154	0.0162	0.0172
Interest on Working Capital	0.0009	0.0009	0.0010	0.0010	0.0010	0.0011	0.0011	0.0011	0.0012	0.0012	0.0012	0.0013
Annual Fixed Cost	0.0355	0.0361	0.0367	0.0373	0.0379	0.0386	0.0394	0.0402	0.0410	0.0418	0.0428	0.0437
Units Generated in the year (MUs)	0.0749	0.0749	0.0749	0.0749	0.0749	0.0749	0.0749	0.0749	0.0749	0.0749	0.0749	0.0749
Unit Cost (Rs / Unit)	4.7417	4.8162	4.8949	4.9781	5.0661	5.1591	5.2574	5.3613	5.4712	5.5874	5.7102	5.8400
Discounting Factor	0.1880	0.1653	0.1454	0.1278	0.1124	0.0989	0.0869	0.0764	0.0672	0.0591	0.0520	0.0457
Discounted Tariff	0.8915	0.7962	0.7116	0.6364	0.5695	0.5100	0.4570	0.4098	0.3678	0.3303	0.2968	0.2669