GRANITE SOLAR

PHOTOVOLTAIC INSTALLATION PROFITABILITY FORECAST 65 Kw

		Power:	65 Kw					Production	96.689,64		Price	0,303099		
Period / Year	0	1	2	3	4	5	6	7	8	9	10	11	12	**Total period**
PV Farm Investment	350.000,00													
Rent (Rooftop)		3.000,00	3.091,50	3.185,79	3.282,96	3.383,09	3.486,27	3.592,60	3.702,18	3.815,09	3.931,45	4.051,36	4.174,93	**42.697,23**
Maintenance		500,00	515,25	530,97	547,16	563,85	581,05	598,77	617,03	635,85	655,24	675,23	695,82	**7.116,20**
Insurance Premium		1.000,00	1.030,50	1.061,93	1.094,32	1.127,70	1.162,09	1.197,53	1.234,06	1.271,70	1.310,48	1.350,45	1.391,64	**14.232,41**
Investors Payback (% included)		24.806,53	25.489,87	26.191,99	26.913,42	27.654,68	28.416,33	29.198,91	30.003,01	30.829,21	31.678,12	32.542,85	33.431,13	**347.156,06**
Energy Sell		29.306,53	30.127,12	30.970,68	31.837,86	32.729,32	33.645,74	34.587,82	35.556,28	36.551,85	37.575,30	38.619,90	39.693,53	**411.201,91**
Period / Year	13	14	15	16	17	18	19	20	21	22	23	24	25	**Total period**
Rent (Rooftop)	4.302,27	4.433,48	4.568,71	4.708,05	4.851,65	4.999,62	5.152,11	5.309,25	5.471,18	5.638,05	5.810,01	5.987,22	6.169,83	**63.099,17**
Maintenance	717,04	738,91	761,45	784,68	808,61	833,27	858,69	884,88	911,86	939,68	968,34	997,87	1.028,30	**10.516,53**
Insurance Premium	1.434,09	1.477,83	1.522,90	1.569,35	1.617,22	1.666,54	1.717,37	1.769,75	1.823,73	1.879,35	1.936,67	1.995,74	2.056,61	**21.033,06**
Investors Payback (% included)	34.343,61	35.280,94	36.243,79	37.112,20	38.001,16	38.911,16	39.819,49	40.748,70	41.670,03	42.591,83	43.533,54	44.495,57	45.478,35	**483.886,77**
Energy Sell	40.797,01	41.931,17	43.096,85	44.174,27	45.278,63	46.410,60	47.547,66	48.712,57	49.876,80	51.048,91	52.248,56	53.476,40	54.733,10	**619.332,53**

INVESTORS PAYBACK

Period / Year	0	1	2	3	4	5	6	7	8	9	10	11	12	**Total period**
Cash Flow	-350.000,00	24.806,53	25.489,87	26.191,99	26.913,42	27.654,68	28.416,33	29.198,91	30.003,01	30.829,21	31.678,12	32.542,85	33.431,13	-2.843,94
Simple Rate		7,09%	7,28%	7,48%	7,69%	7,90%	8,12%	8,34%	8,57%	8,81%	9,05%	9,30%	9,55%	
Period / Year	13	14	15	16	17	18	19	20	21	22	23	24	25	**Total period**
Cash Flow	34.343,61	35.280,94	36.243,79	37.112,20	38.001,16	38.911,16	39.819,49	40.748,70	41.670,03	42.591,83	43.533,54	44.495,57	45.478,35	518.230,38
Simple Rate	9,81%	10,08%	10,36%	10,60%	10,86%	11,12%	11,38%	11,64%	11,91%	12,17%	12,44%	12,71%	12,99%	