

Finance Model & Financials Walkthrough

1.1 Introduction

This document provides a step-by-step walk through guide to your accompanying; Financial Model Excel Download.

Financial Year	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2024	2024	2024	Totals
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Income Statement																	
Revenue																	
Area 1 6 Acres Polycrystalline																	
Field 1 25 kWh	5,086	5,191	5,322	5,442	5,704	5,915	6,677	6,677	6,799	6,677	6,799	6,677	5,058	5,322	5,915	5,915	
Field 2 35 kWh	6,357	6,357	6,489	6,653	6,802	7,130	8,322	8,322	8,322	7,411	7,411	7,704	6,357	6,357	6,489	6,489	
Total	11,443	11,548	11,811	12,095	12,506	13,045	14,999	14,999	14,999	14,210	14,088	12,762	11,679	12,272	12,404	12,404	
Max Total	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	
Percentage	76.29%	76.99%	78.74%	80.63%	83.37%	86.97%	99.99%	99.99%	99.99%	94.73%	93.92%	85.08%	77.86%	81.81%	82.69%		
Area 2 7 Acres Monocrystalline																	
Field 3 25 kWh	6,593	6,837	7,382	7,537	8,499	8,704	8,877	8,800	7,782	6,037	5,499	5,704	7,393	7,537	7,782		
Field 4 35 kWh	8,037	8,499	9,204	9,204	11,294	12,034	12,122	12,122	8,704	7,037	7,499	7,304	8,037	8,499	9,204		
Total	14,630	15,336	16,586	16,741	19,793	20,738	20,999	20,922	16,486	13,074	12,998	13,008	15,430	16,036	16,986		
Max Total	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	
Percentage	69.67%	73.03%	78.98%	79.72%	94.25%	98.75%	100.00%	99.63%	78.50%	62.26%	61.90%	61.94%	73.48%	76.36%	80.89%		
Total Revenue	26,073	26,884	28,397	28,836	32,299	33,783	35,998	35,921	31,485	27,284	27,086	25,770	27,109	28,308	29,390	359,816	
Total COGS	-2,045	-2,045	-2,045	-2,045	-2,045	-2,045	-2,045	-2,045	-2,045	-2,045	-2,045	-2,045	-2,045	-2,045	-2,045	-24,540	
GROSS MARGIN	24,028	24,839	26,352	26,791	30,254	31,738	33,953	33,876	29,440	25,239	25,041	23,725	25,064	26,263	27,345	335,276	
Variable Expenses																	
Equipment Maintenance	-975	-975	-975	-975	-975	-975	-975	-975	-975	-975	-975	-975	-975	-975	-975	-11,700	
Fuel	-493	-493	-493	-493	-493	-493	-493	-493	-493	-493	-493	-493	-493	-493	-493	-5,916	
Field Maintenance	-493	-493	-493	-493	-493	-493	-493	-493	-493	-493	-493	-493	-493	-493	-493	-5,916	
Panel Maintenance	-1,070	-1,070	-1,070	-1,070	-1,070	-1,070	-1,070	-1,070	-1,070	-1,070	-1,070	-1,070	-1,070	-1,070	-1,070	-12,840	

On the income statement tab you will see your main components of your profit and loss which is total revenue total cost of goods sold, gross margin, total variable expenses, total admin salaries and wages, total fixed expenses, depreciation and amortization. Interest expense, net profit before tax, your corporate tax and as a result net profit.

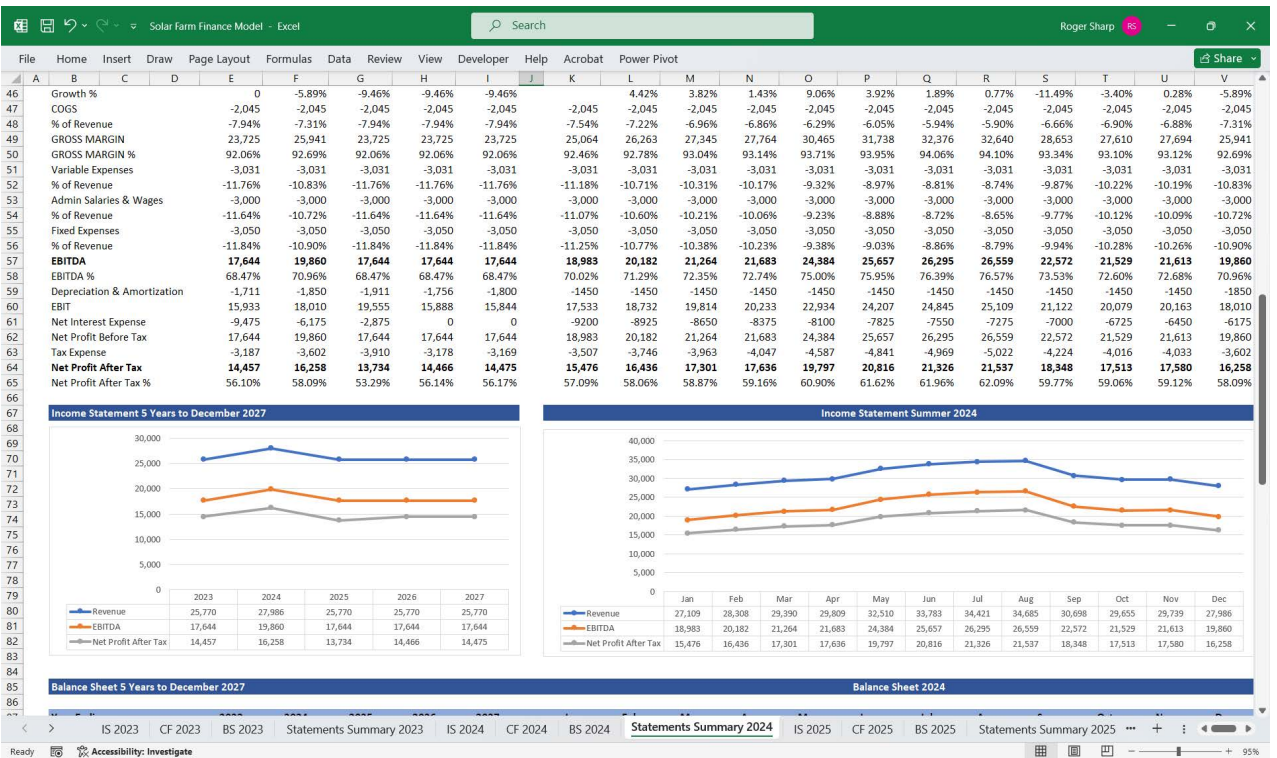
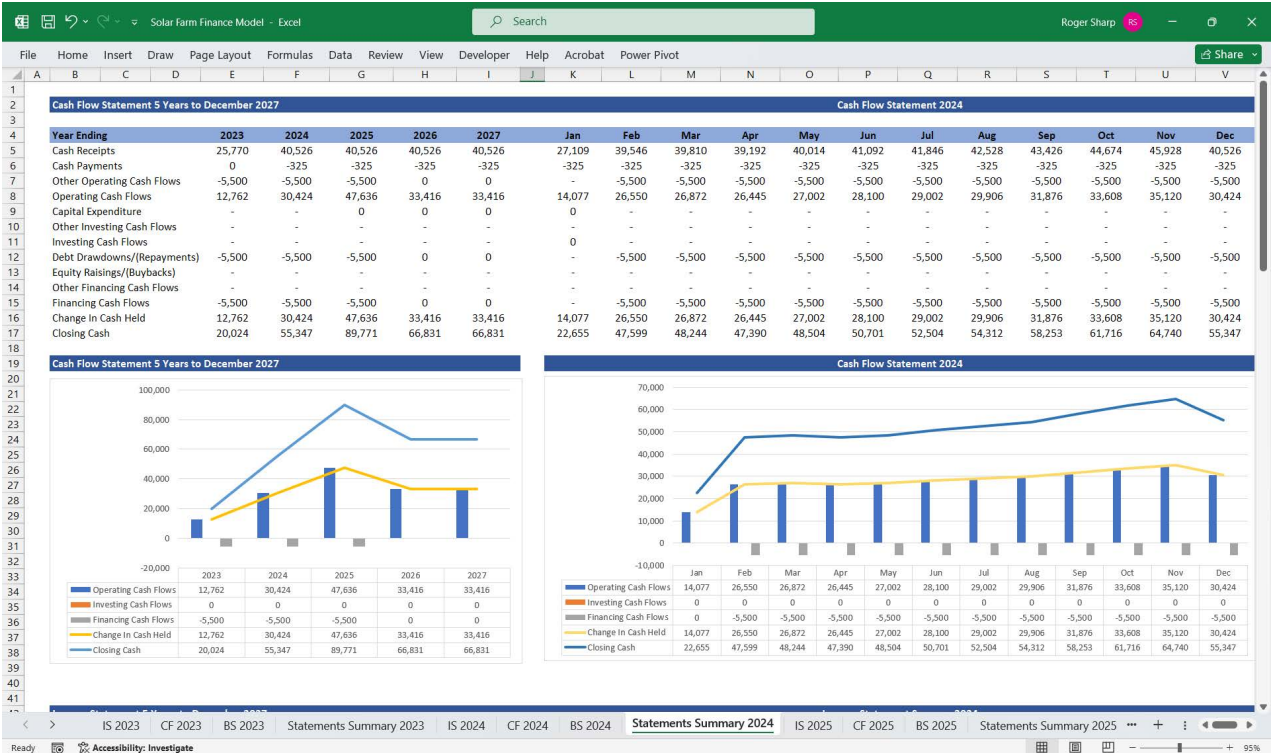
Please note that some categories has their own sub-categories so you'll see the utilization for example for fixed expenses, for variable expenses or for example for the revenue the cash flow statement you will see your cash flow broken down by cash flow from operating activities, cash flow from investing activities, and cash flow from financing activities the same information you will see on the cash flow statement

Solar Farm Finance Model - Excel																			
Search																			
Roger Sharp																			
File	Home	Insert	Draw	Page Layout	Formulas	Data	Review	View	Developer	Help	Acrobat	Power Pivot	Share						
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
Cash Flow Statement																			
Model Name																			
Go to the Table of Contents																			
Financial year																			
Month	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24					
Cash Flow Statement																			
Cash Flow from Operating Activities																			
Cash Receipts	26,073	27,584	28,797	29,336	32,299	33,783	35,998	35,921	31,485	27,284	27,086	25,770	24,687	25,280					
Area 1 6 Acres Polycrystalline																			
Field 1 25 kWh	5,086	5,191	5,322	5,442	5,704	5,915	6,677	6,677	6,677	6,799	6,677	5,058	5,322	5,915					
Field 2 35 kWh	6,357	6,357	6,489	6,653	6,802	7,130	8,322	8,322	8,322	7,411	7,411	7,704	6,357	6,357					
Total	11,443	11,548	11,811	12,095	12,506	13,045	14,999	14,999	14,999	14,210	14,088	12,762	11,679	12,272					
Max Total	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,001	15,001	15,002					
Percentage	76.29%	76.99%	78.74%	80.63%	83.37%	86.97%	99.99%	99.99%	99.99%	94.73%	93.92%	85.08%	77.85%	81.80%					
Area 2 7 Acres Monocrystalline																			
Field 3 25 kWh	6,593	7,537	7,782	8,037	8,499	8,704	8,877	8,800	7,782	6,037	5,499	5,704	5,704	5,704					
Field 4 35 kWh	8,037	8,499	9,204	9,204	11,294	12,034	12,122	12,122	8,704	7,037	7,499	7,304	7,304	7,304					
Total	14,630	16,036	16,986	17,241	19,793	20,738	20,999	20,922	16,486	13,074	12,998	13,008	13,008	13,008					
Max Total	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,001	21,001	21,002					
Percentage	69.67%	76.36%	80.89%	82.10%	94.25%	98.75%	100.00%	99.63%	78.50%	62.26%	61.90%	61.94%	61.94%	61.94%					
Cash Payments	-325	-325	-325	-325	-325	-325	-325	-325	-325	-325	-325	-325	-325	-325					
Interest Paid	-12,225	-11,950	-11,675	-11,675	-11,400	-11,125	-10,850	-10,300	-10,025	-9,750	-9,475	-9,200	-8,925	-8,650					
Corporate Tax Paid	-3,409	-3,712	-3,800	-4,492	-4,789	-5,232	-5,217	-4,330	-3,489	-3,450	-3,187	-3,746	-5,878	-45,107					
CASH INFLOW	26,073	27,584	28,797	29,336	32,299	33,783	35,998	35,921	31,485	27,284	27,086	25,770	24,687	25,280					
CASH OUTFLOW	-14,630	-16,036	-16,986	-17,241	-19,793	-20,738	-20,999	-20,922	-16,486	-13,074	-12,998	-13,008	-13,008	-13,008					
Net Cash Flow from Operating Activities	11,443	11,548	11,811	12,095	12,506	13,045	14,999	14,999	14,999	14,210	14,088	12,762	11,679	12,272					
Net Cash Flow from Operating Activities (Indirect)	13,154	13,259	13,522	13,806	14,217	14,756	16,710	16,710	16,710	15,921	15,799	14,473	13,129	13,722					
Cash Flow from Investing Activities																			
Fixed Assets Capital Expenditure	250,000																		
Placeholder 1																			
Net Cash Flow from Investing Activities	250,000	0	0	0	0	0	0	0	0	0	0	0	0	0					
Cash Flow from Financing Activities																			
Debt Drawdowns	-250,000																		
Placeholder 1																			
IS 2023 CF 2023 BS 2023 Statements Summary 2023 IS 2024 CF 2024 BS 2024 Statements Summary 2024 IS 2025 CF 2025 BS 2025 Statements Summary 2025																			

The balance sheet will show you the breakdown of your current assets, non-current assets, current liabilities, non-current liabilities and equity by its sub-categories.

Solar Farm Finance Model - Excel																						
Search																						
Roger Sharp																						
File	Home	Insert	Draw	Page Layout	Formulas	Data	Review	View	Developer	Help	Acrobat	Power Pivot	Share									
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	
Balance Sheet																						
[Company Name]																						
Financial Year																						
Month	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2024	2024	2024						
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Totals						
Balance Sheet																						
Current Assets																						
Cash	25,748	31,873	39,183	47,219	57,800	69,844	83,935	98,239	109,270	117,214	125,275	132,559	141,136	162,186	183,558							
Accounts Receivable																						
Inventory																						
Total Current Assets	25,748	31,873	39,183	47,219	57,800	69,844	83,935	98,239	109,270	117,214	125,275	132,559	141,136	162,186	183,558	938,159						
Non-Current Assets																						
Assets Closing Net Book Value	251,711	253,422	255,133	256,844	258,555	260,266	261,977	263,688	265,399	267,110	268,821	270,532	271,982	273,432	274,882							
CAPEX Prepayment																						
Fixed Assets	251,711	253,422	255,133	256,844	258,555	260,266	261,977	263,688	265,399	267,110	268,821	270,532	271,982	273,432	274,882							
Total Non-Current Assets	251,711	253,422	255,133	256,844	258,555	260,266	261,977	263,688	265,399	267,110	268,821	270,532	271,982	273,432	274,882	3,133,458						
Total Assets	277,459	285,295	294,316	304,063	316,355	330,110	345,912	361,927	374,669	384,324	394,096	403,091	413,118	435,618	458,440	4,071,617						
Current Liabilities																						
CAPEX Payable																						
Accounts Payable																						
Corporate Tax Payable	0	-3,409	-3,712	-3,800	-4,492	-4,789	-5,232	-5,217	-4,330	-3,489	-3,450	-3,187	-3,507	-3,746	-5,878							
Total Current Liabilities	0	-3,409	-3,712	-3,800	-4,492	-4,789	-5,232	-5,217	-4,330	-3,489	-3,450	-3,187	-3,507	-3,746	-5,878	-45,107						
Non-Current Liabilities																						
Debt	-250,000	-244,500	-239,000	-233,500	-228,000	-222,500	-217,000	-211,500	-206,000	-200,500	-195,000	-189,500	-184,000	-178,500	-173,000	-2,637,000						
Other Non-Current Liabilities																						
Placeholder																						
Total Non-Current Liabilities	-250,000	-244,500	-239,000	-233,500	-228,000	-222,500	-217,000	-211,500	-206,000	-200,500	-195,000	-189,500	-184,000	-178,500	-173,000							
Total Liabilities	-250,000	-247,909	-242,712	-237,300	-232,492	-227,289	-222,232	-216,717	-210,330	-203,989	-198,450	-192,687	-187,507	-182,246	-178,878							
Net Assets	27,459	37,385	51,604	66,763	83,863	102,821	123,680	145,210	164,339	180,335	195,647	210,404	225,612	253,371	279,562	1,389,510						
Ordinary Equity																						
Retained Profits	27,459	37,385	51,604	66,763	83,863	102,821	123,680	145,210	164,339	180,335	195,647	210,404	225,612	253,371	279,562							
Total Equity	27,459	37,385	51,604	66,763	83,863	102,821	123,680	145,210	164,339	180,335	195,647	210,404	225,612	253,371	279,562							
Total Error Checks Result																						
Alert Check (Negative Cash)																						
IS 2023 CF 2023 BS 2023 Statements Summary 2023 IS 2024 CF 2024 BS 2024 Statements Summary 2024 IS 2025 CF 2025 BS 2025 Statements Summary 2025																						

The summary of these three statements you'll find on the "statement summary" tab (1 For Each Year) on the top you have the income statement which is broken done into 5 years and the selected which you can view here.



Income statements are also broken down into 5 year key metrics, you can also view this same information in charts.

You will also notice in all three statements that tax rates have been set with a formula
 ="Cell"*0.20 = to 20 Percent

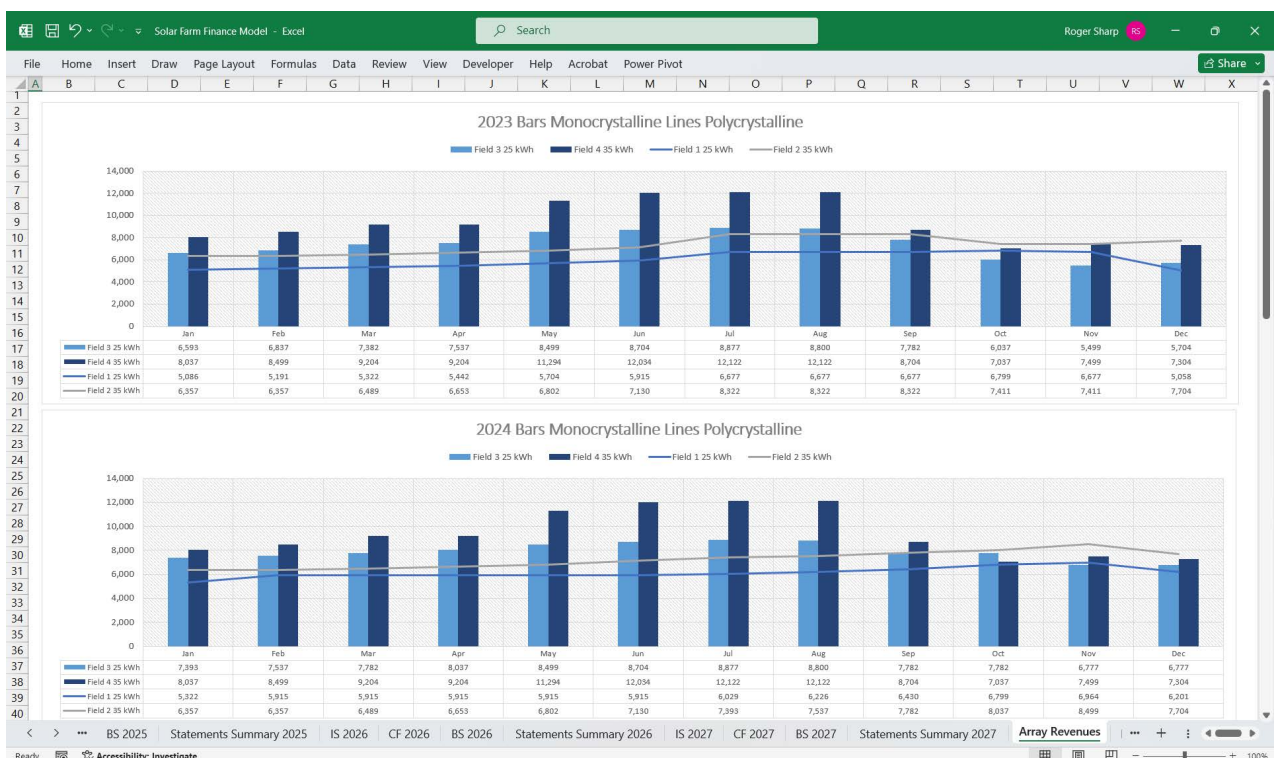
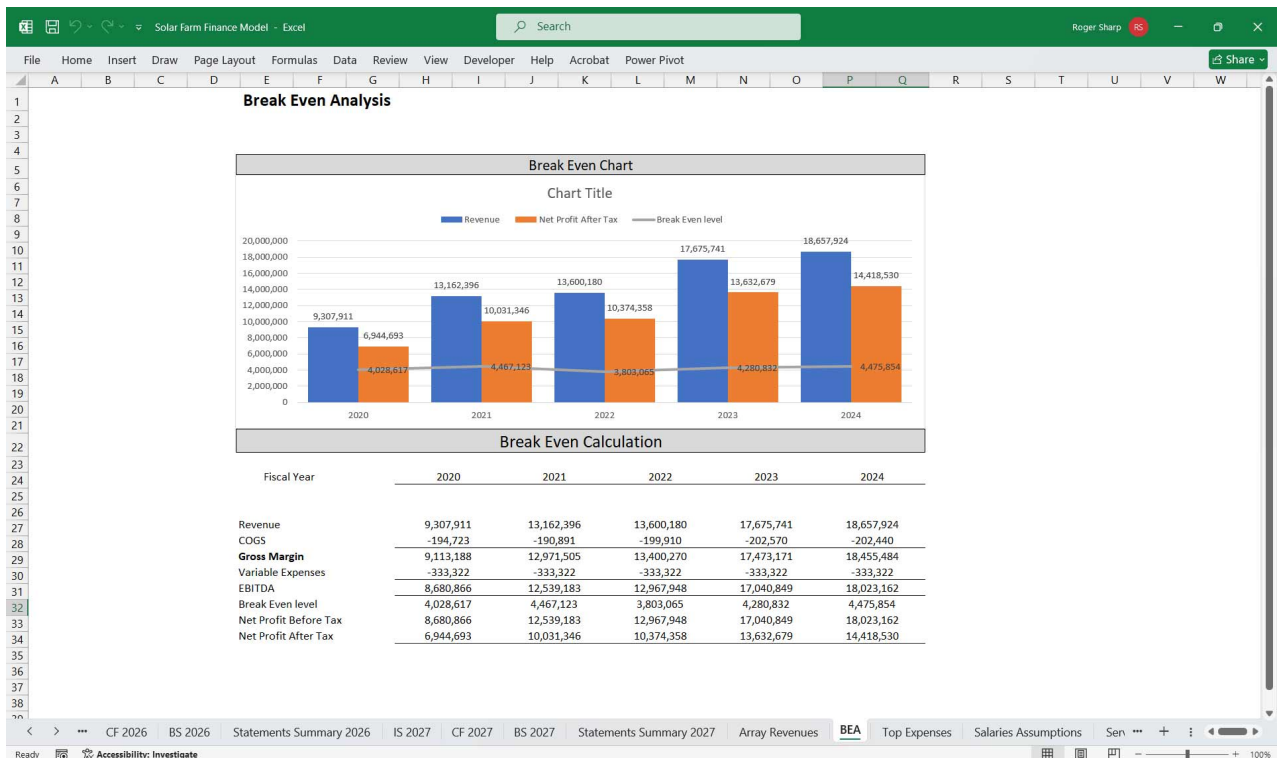
You can of course edit these cells (and any other cell you wish to edit.

Here some example tax rates you may wish to use

= "Cell" * 0.10 = 10 Percent

= "Cell" * 0.05 = 5 Percent

Break Even Analysis Tab with Key Performance Metrics



Total Revenue in chart format

And the "Salary Assumptions" helps you easily keep track of employee expenses, and there effects on overall revenue.

Department	Number Of Employees and Wages				
	2023	2024	2025	2026	2027
Array Manager	1 30,000	1 30,000	1 30,000	1 30,000	1 30,000
IT Manager	1 35,000	1 35,000	1 35,000	1 35,000	1 35,000
Chief Operating Officer	1 45,000	1 45,000	1 45,000	1 45,000	1 45,000
Marketing Manager	1 25,000	1 25,000	1 25,000	1 25,000	1 25,000
Senior Installer	1 25,000	1 25,000	1 25,000	1 25,000	1 25,000
Installer	3 20,000	3 20,000	4 20,000	4 20,000	5 20,000
Totals					
Array Manager	1 30,000	1 30,000	1 30,000	1 30,000	1 30,000
IT Manager	1 35,000	1 35,000	1 35,000	1 35,000	1 35,000
Chief Operating Officer	1 45,000	1 45,000	1 45,000	1 45,000	1 45,000
Marketing Manager	1 25,000	1 25,000	1 25,000	1 25,000	1 25,000
Senior Installer	1 25,000	1 25,000	1 25,000	1 25,000	1 25,000
Installer	3 60,000	3 60,000	4 80,000	4 80,000	5 100,000

Services assumptions help you gain an insight into further revenue and business expansion

Panel Increase Percentage	Percentage Increase From Previous Year				
	2023	2024	2025	2026	2027
Panel Increase Percentage		11%	4%	2%	4%
Panel Increase Percentage		11%	4%	2%	8%
Panel Increase Percentage		4%	11%	2%	8%
Panel Increase Percentage		3%	11%	2%	8%
Panel Increase Percentage		3%	12%	2%	8%
Panel Increase Percentage		2%	12%	2%	8%
Totals					
Panel Increase Percentage	345	355	360	370	400
Panel Increase Percentage	300	300	310	340	400
Panel Increase Percentage	280	281	282	290	320
Panel Increase Percentage	350	350	360	370	400
Panel Increase Percentage	345	355	360	370	400
Panel Increase Percentage	345	355	360	370	400

Other further tabs in the worksheet, can help with the valuation and monitoring of future services or products offered.

Planned expenditure vs actual, hours planned for a project to complete vs actual time taken. Their actual budgets and how they affect future revenue and performance and Return on Investment.

