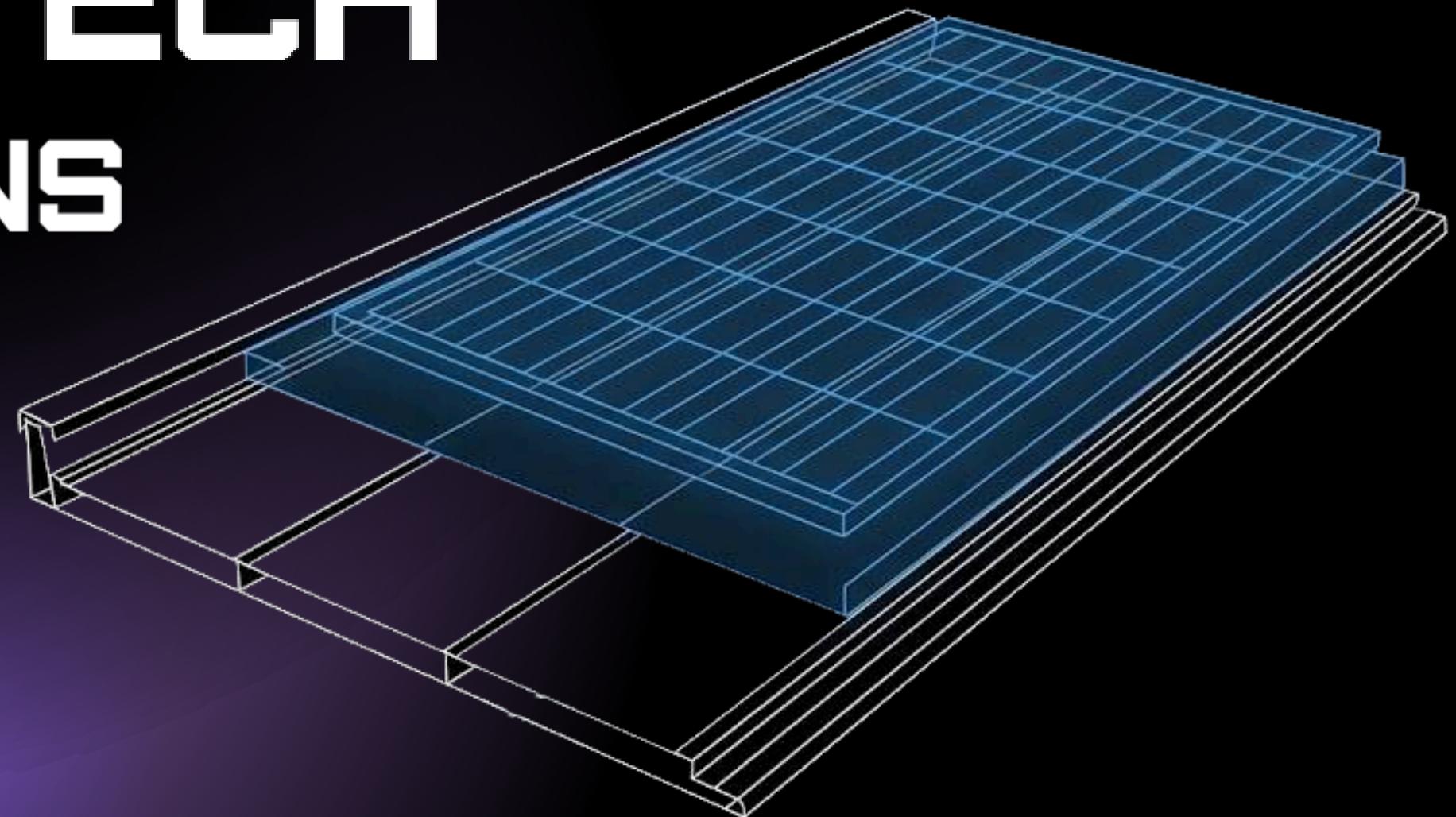




GREENTECH INNOVATIONS

FINANCIAL ANALYSIS &
EXPANSION STRATEGY



RALEIGH, NORTH CAROLINA

GreenTech Innovations - Financial Strategy & Expansion

Our goal is to pivot GTI from a relatively new manufacturer & residential installer to a much higher margin manufacturer.



**GREENTECH
INNOVATIONS**

Business Structure

C-Corporation



We are an Advanced Materials Manufacturer, which will eventually transition to a solar manufacturer and installer.

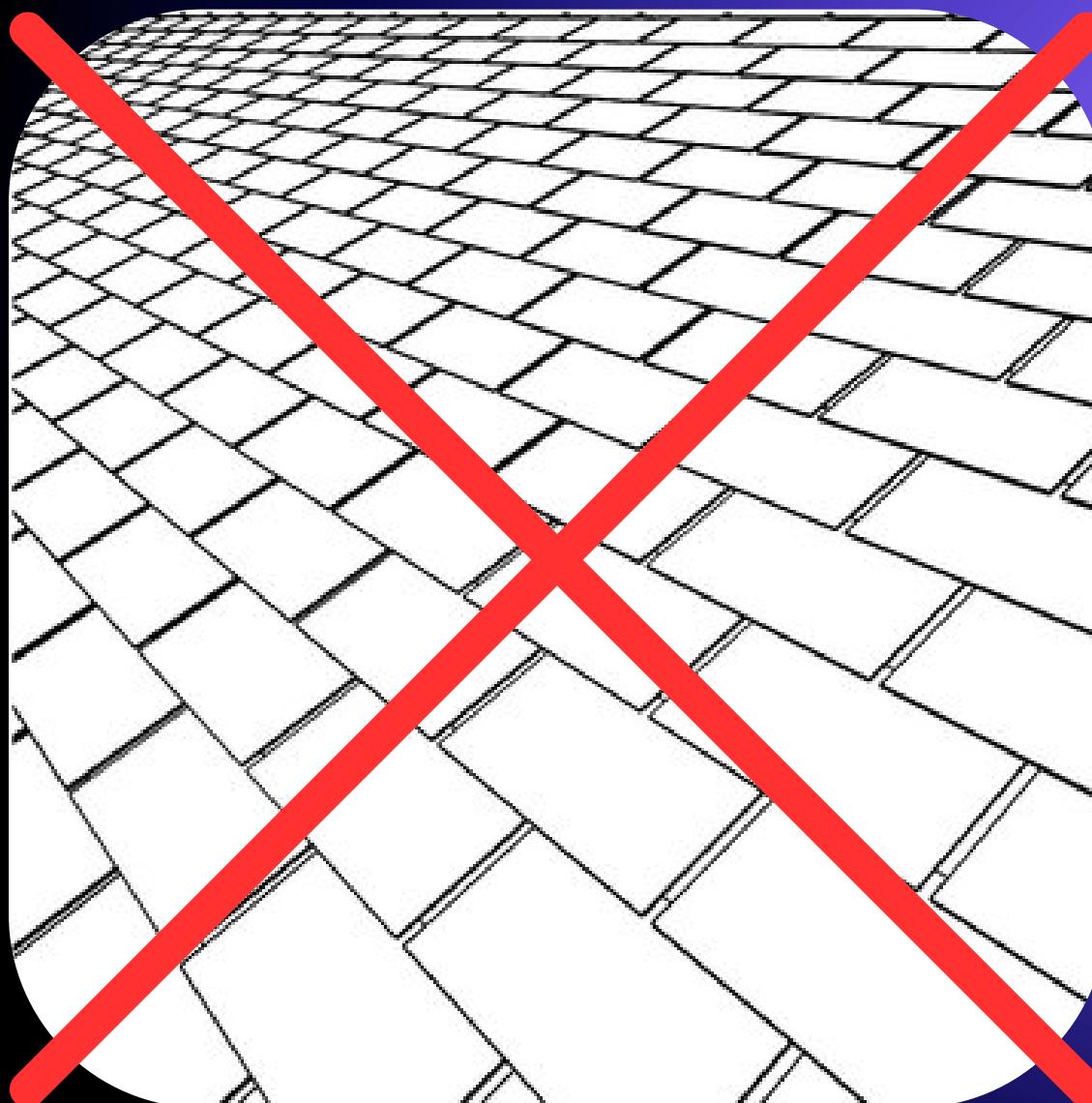
Why?

Allows for future
Venture Capital
(Series A)

IPO issuance without
personal liability

GTI's Master Plan

**Shingles
(25 year lifespan)**



**GTI has been doing it wrong
for the past 2 years.**

**Selling rack-mounted
solar to individual
homeowners is extremely
inefficient.**

**Customer acquisition
costs are too high, and
the product is ugly.**

**Something obviously
needs to be changed.**

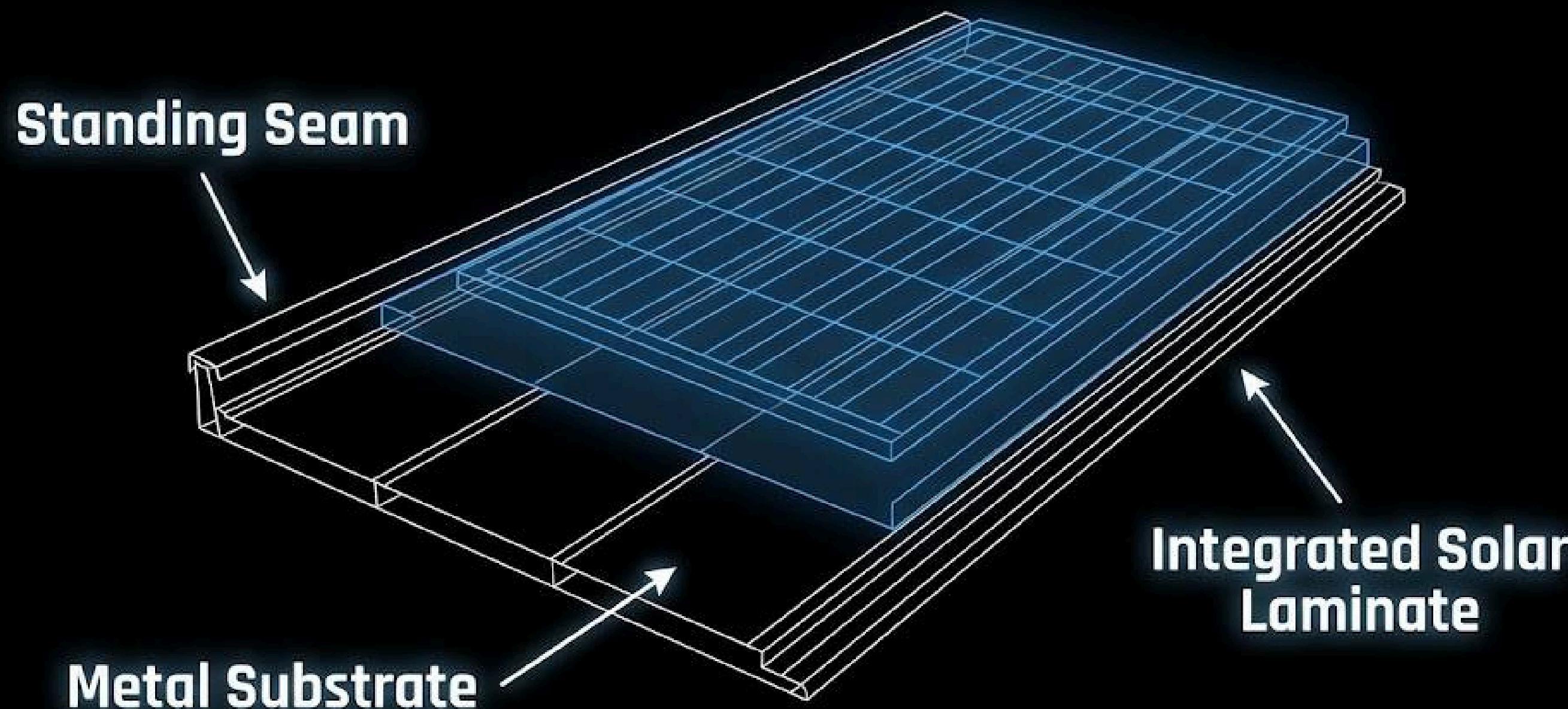
**Rack Solar
(High labor cost)**



PRODUCT

GTI M-SERIES

STRUCTURALLY INTEGRATED SOLAR ROOFING



Introducing

GTI M-SERIES

STRUCTURALLY INTEGRATED SOLAR ROOFING

Stop putting solar on your roof, and start building your roof *out of* solar.
The M-Series replaces traditional shingles entirely...at a lower cost.



DURABILITY

**3x more durable than
your current roof.**

Engineered to withstand 160 MPH winds and heavy hail. 3x the lifespan of asphalt shingles.



Grid Independence

Includes 5kWh Daylight Backup. Zero noise. Zero gas. The end of the generator.

30% TAX CREDIT DEDUCTION



TOTAL COST

YOUR SAVINGS

PLUS, YOUR PROPERTY TAX WILL NEVER CHANGE.



Raleigh, NC

- Experiences an average of 218 to 219 sunny days per year.
- Which makes it sunnier and average less rain than Houston, Texas.
- Similar weather to Jacksonville, Florida.

Zero Customer Acquisition Cost
We don't find customers; Mungo hands them to us.



Mungo Homes, an energy efficient home builder has joined venture with GTI to build homes with solar roofing for all new construction in Raleigh, and plans to expand with them along the east coast for the next 3-5 years.

SWOT ANALYSIS



**GREENTECH
INNOVATIONS**

SWOT ANALYSIS

Strengths

- New innovative, affordable solar panels
- Qualifies for the Residential Clean Energy Tax Credit (30%)
- Quality online website
- Above average Net Profit Margin
- Eliminates the need for a costly generator

SWOT ANALYSIS

Weaknesses

- Large companies dominate the market
- Close proximity to major competitor, First Solar
- Low net income
- Lack of name recognition
- Solar is still expensive to make and install

SWOT ANALYSIS

Opportunities

- High demand for residential new construction in North Carolina
- Partner with Mungo Homes, a Green Energy Home Builder
- Favorable climate in North Carolina & surrounding states
- Emerging market demand for visually appealing solar panels
- IRS tax credit of 30% with no increase in property tax

SWOT ANALYSIS

Threats

- Many large companies with a competitive advantage
- Potential changes in the federal tax credit after 2032
- High operating expenses
- Finding a skilled labor pool

LOAN

**10 Year \$100,000
loan at 7.5% APR.
GTI plans to pay
this loan off by
the end of 2027
with additional
payments of
\$3,500.**

	Date	Applied to Principal	Additional Principal	Interest	Monthly Payment	Balance of Principal
1	Jan 15, 2026	\$562.02	\$3,500.00	\$625.00	\$1,187.02	\$95,937.98
2	Feb 15, 2026	\$587.41	\$3,500.00	\$599.61	\$1,187.02	\$91,850.58
3	Mar 15, 2026	\$612.95	\$3,500.00	\$574.07	\$1,187.02	\$87,737.63
4	Apr 15, 2026	\$638.66	\$3,500.00	\$548.36	\$1,187.02	\$83,598.97
5	May 15, 2026	\$664.52	\$3,500.00	\$522.49	\$1,187.02	\$79,434.44
6	Jun 15, 2026	\$690.55	\$3,500.00	\$496.47	\$1,187.02	\$75,243.89
7	Jul 15, 2026	\$716.74	\$3,500.00	\$470.27	\$1,187.02	\$71,027.15
8	Aug 15, 2026	\$743.10	\$3,500.00	\$443.92	\$1,187.02	\$66,784.05
9	Sep 15, 2026	\$769.62	\$3,500.00	\$417.40	\$1,187.02	\$62,514.43
10	Oct 15, 2026	\$796.30	\$3,500.00	\$390.72	\$1,187.02	\$58,218.13
11	Nov 15, 2026	\$823.15	\$3,500.00	\$363.86	\$1,187.02	\$53,894.98
12	Dec 15, 2026	\$850.17	\$3,500.00	\$336.84	\$1,187.02	\$49,544.80
13	Jan 15, 2027	\$877.36	\$3,500.00	\$309.66	\$1,187.02	\$45,167.44
14	Feb 15, 2027	\$904.72	\$3,500.00	\$282.30	\$1,187.02	\$40,762.72
15	Mar 15, 2027	\$932.25	\$3,500.00	\$254.77	\$1,187.02	\$36,330.47
16	Apr 15, 2027	\$959.95	\$3,500.00	\$227.07	\$1,187.02	\$31,870.51
17	May 15, 2027	\$987.83	\$3,500.00	\$199.19	\$1,187.02	\$27,382.69
18	Jun 15, 2027	\$1,015.88	\$3,500.00	\$171.14	\$1,187.02	\$22,866.81
19	Jul 15, 2027	\$1,044.10	\$3,500.00	\$142.92	\$1,187.02	\$18,322.71
20	Aug 15, 2027	\$1,072.50	\$3,500.00	\$114.52	\$1,187.02	\$13,750.21
21	Sep 15, 2027	\$1,101.08	\$3,500.00	\$85.94	\$1,187.02	\$9,149.13
22	Oct 15, 2027	\$1,129.84	\$3,500.00	\$57.18	\$1,187.02	\$4,519.30
23	Nov 15, 2027	\$1,158.77	\$3,360.52	\$28.25	\$1,187.02	\$0.00

INDUSTRY STANDARDS

	Industry Standards 2022 - 2024			Industry Standards 2022 - 2024			Industry Standards 2022 - 2024			
	NextEra	NextEra	NextEra	First Solar	First Solar	First Solar	Enphase Energy	Enphase Energy	Enphase Energy	
	2022	2023	2024	2022	2023	2024	2022	2023	2024	
Gross Profit Margin	48.38%	63.94%	60.06%	2.67%	39.19%	44.17%	41.81%	46.20%	47.29%	50.51%
Operating Expenses %	31.40%	28.97%	31.27%	13.40%	12.50%	11.03%	22.48%	26.06%	40.49%	27.60%
Operating Profit Margin	16.98%	34.97%	28.79%	-10.73%	26.70%	33.13%	19.33%	20.14%	6.80%	22.91%
Net Profit Margin	19.79%	26.00%	28.06%	-1.69%	25.03%	30.72%	17.05%	19.16%	7.72%	22.16%

RATIO ANALYSIS



Enphase Energy				First Solar			
	December 31, 2022, 2023, and 2024				December 31, 2022, 2023, and 2024		
	2022	2023	2024		2022	2023	2024
Quick Ratio	3.22	4.02	2.8	Quick Ratio	1.74	1.15	1.13
Working Capital Ratio	3.50	4.60	3.50	Working Capital Ratio	3.70	3.50	2.40
Return on Total Assets Ratio		0.01		Return on Total Assets Ratio		0.07	
Current Ratio	3.55	4.59	3.53	Current Ratio	3.65	3.55	2.45
Debt-to-Assets Ratio	0.73	0.71	0.74	Debt-to-Assets Ratio	0.29	0.35	0.34
Debt-to-Equity Ratio	2.74	2.44	2.9	Debt-to-Equity Ratio	0.41	0.55	0.52
Next Era				GreenTech Innovations			
December 31, 2022, 2023, and 2024				For the years ended December 31, 2024 and 2025			
	2022	2023	2024		2024	2025	
Quick Ratio	0.22	0.23	0.19	Quick Ratio		0.79	1
Working Capital Ratio	0.51	0.55	0.47	Working Capital Ratio		1.73	1.98
Return on Total Assets Ratio		0.13		Return on Total Assets Ratio		0.08	
Current Ratio	0.51	0.55	0.47	Current Ratio		1.73	1.98
Debt-to-Assets Ratio	0.69	0.67	0.68	Debt-to-Assets Ratio		0.44	0.41
Debt-to-Equity Ratio	2.21	2.01	2.12	Debt-to-Equity Ratio		0.78	0.69

INCOME STATEMENT



GreenTech Innovations Income Statement					Horizontal Analysis	
For Years Ended December 31, 2024 and 2025					2024-2025	
In Thousands	2024	% of total	2025	% of total	\$ Change	Change (%)
Revenues	\$600,000	100.00%	\$750,000	100.00%	150,000	25.00%
Cost of Goods Sold	\$434,000	72.33%	\$555,000	74.00%	121,000	27.88%
Gross Profit	\$166,000	27.67%	\$195,000	26.00%	29,000	17.47%
Operating Expenses	\$58,000	9.67%	\$65,000	8.67%	7,000	12.07%
Operating Income	\$108,000	18.00%	\$130,000	17.33%	22,000	20.37%
Federal Taxes	\$27,000	4.50%	\$32,500	4.33%	5,500	20.37%
Net Income	\$81,000	13.50%	\$97,500	13.00%	16,500	20.37%

BALANCE SHEET



Assets

For the years ended December 31, 2024 and 2025

Assets					Horizontal Analysis	
Current Assets:	2024	% of Total Assets	2025	% of Total Assets	2024-2025	
	Change	Change(%)				
Cash	15,000	1.28%	35,000	2.87%	20,000	133.33%
Accounts Receivable	92,500	7.89%	138,000	11.33%	45,500	49.19%
Inventory	115,600	9.86%	155,000	12.73%	39,400	34.08%
Prepaid Expenses	13,800	1.18%	15,000	1.23%	1,200	8.70%
Total Current Assets	236,900	20.22%	343,000	28.16%	106,100	44.79%
Property Plant and Equipment						
Land	85,000	7.25%	85,000	6.98%	0	0.00%
Building, net	450,000	38.40%	440,000	36.12%	(10,000)	-2.22%
Equipment, net	400,000	34.13%	350,000	28.74%	(50,000)	-12.50%
Total Property Plant and Equipment	935,000	79.78%	875,000	71.84%	(60,000)	-6.42%
Total Assets	\$1,171,900	100.00%	\$1,218,000	100.00%	46,100	3.93%

BALANCE SHEET



Liabilities and Equity

Liabilities and Equity					2024-2025	
Current Liabilities:	2024	% of Total L+SE	2025	% of Total L+SE	Change	Change(%)
Accounts Payable	65,000	5.55%	81,000	6.65%	16,000	24.62%
Accrued Liabilities	71,900	6.14%	92,000	7.55%	20,100	27.96%
Total Current Liabilities	136,900	11.68%	173,000	14.20%	36,100	26.37%
Long Term Liabilities						
Notes Payable	150,000	12.80%	125,000	10.26%	(25,000)	-16.67%
Mortgage Payable	225,000	19.20%	200,000	16.42%	(25,000)	-11.11%
Total Long-Term Liabilities	375,000	32.00%	325,000	26.68%	(50,000)	-13.33%
Total Liabilities	511,900	43.68%	498,000	40.89%	(13,900)	-2.72%
Stockholders' Equity						
Common Stock	600,000	51.20%	600,000	49.26%	0	0.00%
Retained Earnings	60,000	5.12%	120,000	9.85%	60,000	100.00%
Total Equity	660,000	56.32%	720,000	59.11%	60,000	9.09%
Total Liabilities and Equity	\$1,171,900	100.00%	\$1,218,000	100.00%	46,100	3.93%

GTI Budget 2026-2028

Revenues		2026	2027	2028
	New Residential	\$1,319,670.00	\$1,847,538.00	\$2,639,340.00
	Existing Residential	\$937,500.00	\$1,171,875.00	\$1,464,843.75
	Commercial	\$464,400.00	\$464,400.00	\$464,400.00
Total Net Revenue		\$2,721,570.00	\$3,483,813.00	\$4,568,583.75
	Cost of Goods Sold	\$1,029,525.00	\$1,307,496.75	\$1,694,515.79
	Gross Profit	\$1,692,045.00	\$2,176,316.25	\$2,874,067.96
	Gross Profit %	62.20%	62.50%	62.90%
Operating Expenses				
	Salaries & Wages	\$670,000.00	\$770,000.00	\$870,000.00
	Depreciation Expenses	\$55,764.71	\$51,828.37	\$48,169.90
	Office Expenses	\$25,920.00	\$25,920.00	\$25,920.00
	Insurance	\$10,810.00	\$10,810.00	\$10,810.00
	Utilities	\$321,000.00	\$321,000.00	\$321,000.00
	Shipping	\$168.00	\$168.00	\$210.00
	Maintenance Expenses	\$4,200.00	\$4,200.00	\$4,200.00
	Advertising Expenses	\$21,000.00	\$15,000.00	\$10,000.00
	Other Expenses	\$28,080.00	\$28,080.00	\$28,080.00
	Loan Payments	\$56,244.21	\$50,230.70	
	Total Operating Expenses	\$1,193,186.92	\$1,277,237.07	\$1,318,389.90
	Income from Operating	\$498,858.08	\$899,079.18	\$1,555,678.06
	Income Before Income	\$498,858.08	\$899,079.18	\$1,555,678.06
	Income Tax Expense	\$104,760	\$188,807	\$326,692
	Net Income	\$394,097.88	\$710,272.55	\$1,228,985.67
	Net Income %	14.48%	20.39%	26.90%



GREENTECH
INNOVATIONS

BUDGET

2026-2028

Sales Assumptions

New Construction/Existing/Commercial

2026 = 25/26/3

2027 = 35/32/3

2028 = 50/40/3

PROJECTED FINANCIALS

Projected Income Statement

GreenTech Innovations Projected Income Statement						
	For Years Ended December 31, 2026, 2025, and 2027					
	2024	25%	2026	262.88%	2027	28.01%
In Thousands	2024	2025	2026	262.88%	2027	31.14%
Revenues						
New Residential	\$ -	\$ -	\$1,319,670	\$1,847,538	\$2,639,340	
Existing Residential	\$600,000	\$750,000	\$937,500	\$1,171,875	\$1,464,844	
Commercial	\$ -	\$ -	\$464,400	\$464,400	\$464,400	
Total Revenue	\$600,000	\$750,000	\$2,721,570	\$3,483,813	\$4,568,584	
Cost of Goods Sold	\$434,000	\$555,000	\$1,029,525	\$1,307,497	\$1,694,516	
Gross Profit	\$166,000	\$195,000	\$1,692,045	\$2,176,316	\$2,874,068	
Gross Profit Margin	27.70%	26.00%	62.20%	62.50%	62.90%	
Operating Expenses	\$58,000	\$65,000	\$1,193,187	\$1,277,237	\$1,318,390	
Operating Income	\$108,000	\$130,000	\$498,858	\$899,079	\$1,555,678	
Operating Income %	18.00%	17.30%	18.30%	25.80%	34.10%	
Federal Taxes	\$27,000	\$32,500	\$104,760	\$188,807	\$326,692	
Net Income	\$81,000	\$97,500	\$394,098	\$710,273	\$1,228,986	
Net Income %	13.50%	13.00%	14.50%	20.40%	26.90%	

PROJECTED FINANCIALS

Assets

For the years ended December 31, 2024 and 2025

	Assets									
Current Assets:	2024	% of total	2025	% of total	2026	% of total	2027	% of total	2028	% of total
Cash	15,000	1.28%	35,000	2.87%	2,325,766	60.75%	2,961,241	63.40%	3,746,239	63.62%
Accounts Receivable	92,500	7.89%	138,000	11.33%	353,804	9.24%	522,572	11.19%	822,345	13.97%
Inventory	115,600	9.86%	155,000	12.73%	280,000	7.31%	365,000	7.81%	535,000	9.09%
Prepaid Expenses	13,800	1.18%	15,000	1.23%	54,000	1.41%	67,000	1.43%	90,000	1.53%
Total Current Assets	236,900	20.22%	343,000	28.16%	3,013,570	78.71%	3,915,813	83.84%	5,193,584	88.20%
Property Plant and Equipment										
Land	85,000	7.25%	85,000	6.98%	85,000	2.22%	85,000	1.82%	85,000	1.44%
Building, net	450,000	38.40%	440,000	36.12%	430,000	11.23%	420,000	8.99%	410,000	6.96%
Equipment, net	400,000	34.13%	350,000	28.74%	300,000	7.84%	250,000	5.35%	200,000	3.40%
Total Property Plant and Equipment	935,000	79.78%	875,000	71.84%	815,000	21.29%	755,000	16.16%	695,000	11.80%
Total Assets	\$1,171,900	100.00%	\$1,218,000	100.00%	\$3,828,570	100.00%	\$4,670,813	100.00%	\$5,888,584	100.00%

PROJECTED FINANCIALS

Liabilities and Equity

For the years ended December 31, 2024 and 2025

Liabilities and Equity										
Current Liabilities:	2024	% of total	2025	% of total	2026	% of total	2027	% of total	2028	% of total
Accounts Payable	65,000	5.55%	81,000	6.65%	145,000	3.79%	190,000	4.07%	225,000	3.82%
Accrued Liabilities	71,900	6.14%	92,000	7.55%	190,000	4.96%	240,000	5.14%	310,000	5.26%
Total Current Liabilities	136,900	11.68%	173,000	14.20%	335,000	8.75%	430,000	9.21%	535,000	9.09%
Long Term Liabilities										
Notes Payable	150,000	12.80%	125,000	10.26%	62,044	1.62%	0	0.00%	0	0.00%
Mortgage Payable	225,000	19.20%	200,000	16.42%	175,000	4.57%	150,000	3.21%	145,000	2.46%
Total Long-Term Liabilities	375,000	32.00%	325,000	26.68%	237,044	6.19%	325,002	6.96%	325,003	5.52%
Total Liabilities	511,900	43.68%	498,000	40.89%	572,044	14.94%	755,002	16.16%	860,003	14.60%
Stockholders' Equity										
Common Stock	600,000	51.20%	600,000	49.26%	600,000	15.67%	600,000	12.85%	600,000	10.19%
Retained Earnings	60,000	5.12%	120,000	9.85%	2,656,526	69.39%	3,315,811	70.99%	4,428,580	75.21%
Total Equity	660,000	56.32%	720,000	59.11%	3,256,526	85.06%	3,915,811	83.84%	5,028,580	85.40%
Total Liabilities and Equity	\$1,171,900	100.00%	\$1,218,000	100.00%	\$3,828,570	100.00%	\$4,670,813	100.00%	\$5,888,583	100.00%

Recommendations



- 1) Marketing Initiatives to increase GTI name awareness**
- 2) Promote the Residential Clean Energy Tax Credit to homeowners (30%)**
- 3) Expand business relationship with Mungo to gain entry into surrounding states**
- 4) With the money growth it is important to add a retirement plan**

Works Cited

Gerstein, J. (2024, November). Top 10 cities with the most New-Construction Homes—and they're affordable, too. *Realtor News & Insights*.

<https://www.realtor.com/news/trends/top-10-cities-highest-share-new-construction-homes>

Home builders in SC, NC, GA & VA: New homes since 1954: Mungo Homes. (n.d.). Home Builders in SC, NC, GA & VA | New Homes Since 1954 | Mungo Homes. (n.d.).

<https://www.mungo.com/>

Solarstone OÜ. (2025, December 15). *SolarStone | Roof. Design. Power.* Solarstone.
<https://solarstone.com/>

Siegler, K. (2021, November 14). This Colorado “solar garden” is literally a farm under solar panels. *NPR*.

<https://www.npr.org/2021/11/14/1054942590/solar-energy-colorado-garden-farm-land>