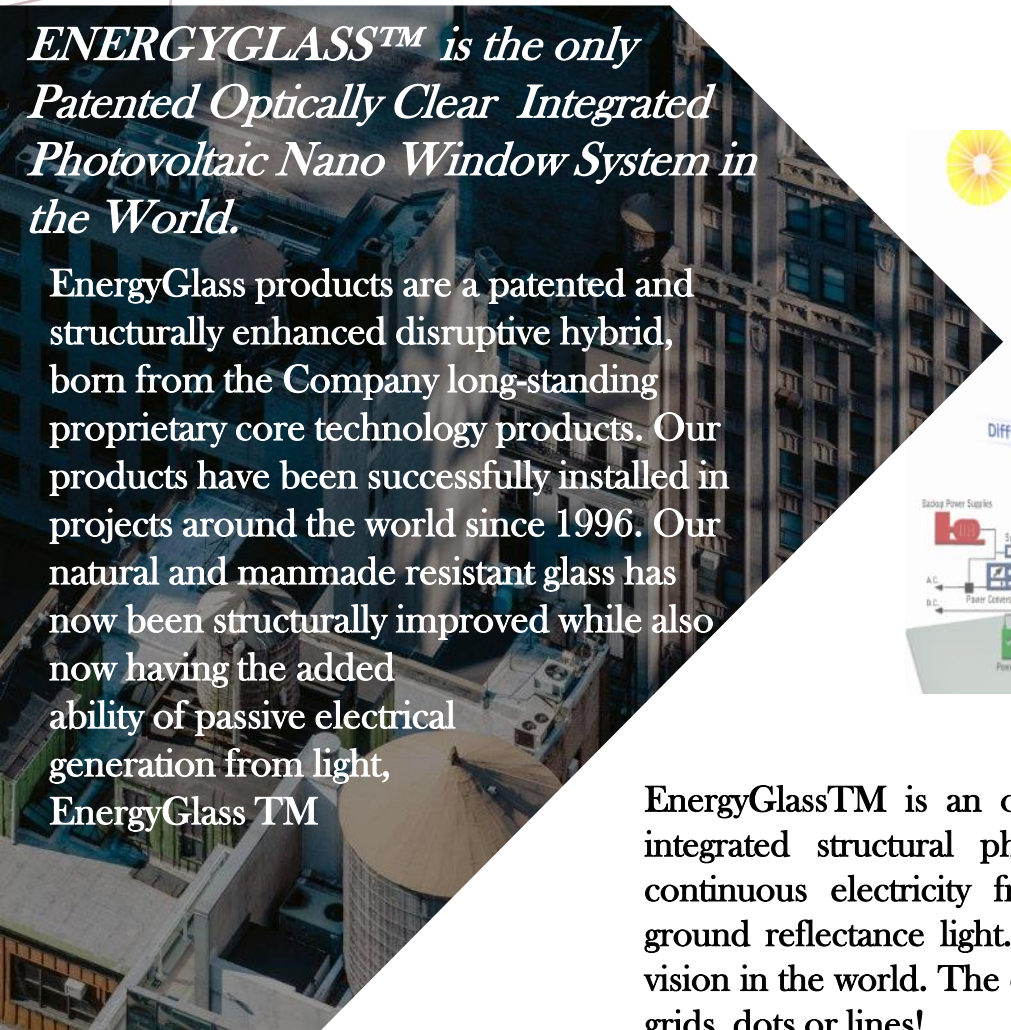




*THE FUTURE  
OF ENERGY  
GENERATION*

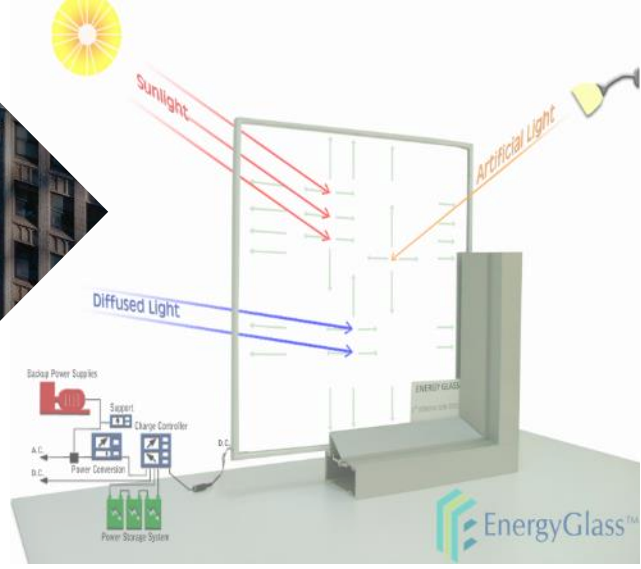
# What is EnergyGlass

## The Vision—What we are able to do Today

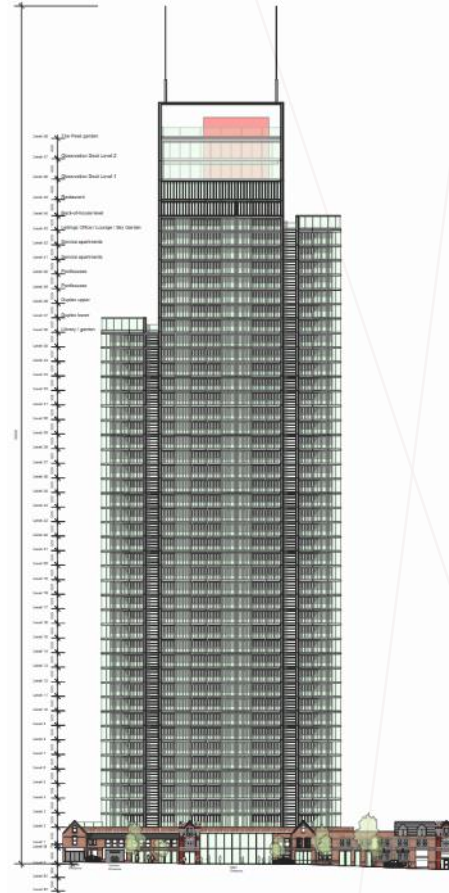
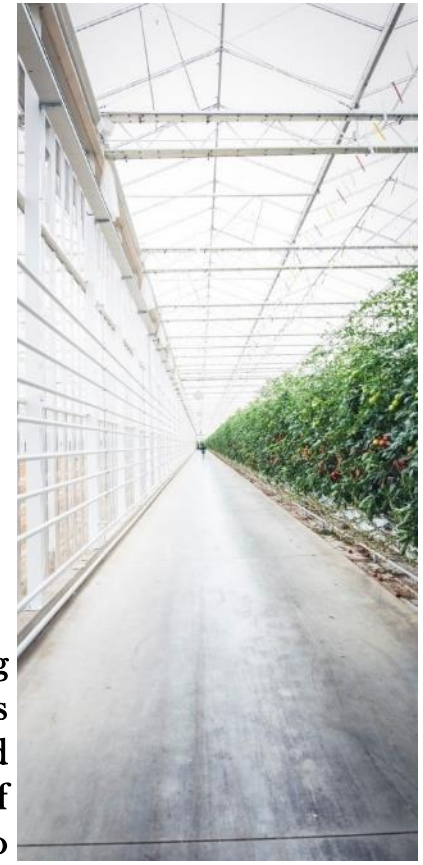


*ENERGYGLASS™ is the only Patented Optically Clear Integrated Photovoltaic Nano Window System in the World.*

EnergyGlass products are a patented and structurally enhanced disruptive hybrid, born from the Company long-standing proprietary core technology products. Our products have been successfully installed in projects around the world since 1996. Our natural and manmade resistant glass has now been structurally improved while also now having the added ability of passive electrical generation from light, EnergyGlass™



EnergyGlass™ is an optically clear vertical / horizontal building integrated structural photovoltaic window system that produces continuous electricity from sunlight, diffused, ambient light and ground reflectance light. It is the only PV glass with 100% field of vision in the world. The entire surface of the window is clear, with no grids, dots or lines!



Transforming buildings, and Grow Houses into solar farms and micro power plants with optically clear glass and nanopolymer.

# The Science behind EnergyGlass

Our Trade Secret technology is generated in our laboratory which fabricates and refines a specific nano particle that is then co-extruded into the EnergyGlass™ single source interlayer giving it the unique ability to explode and direct light while remaining visually clear.

The light is directed to the periphery of the glass and/or polymer product, at which time the light is converted into electricity.

The patented, competitively priced electrical producing glass or structural wall collects and converts sunlight, diffused, ambient, artificial and ground reflectance light into electricity.

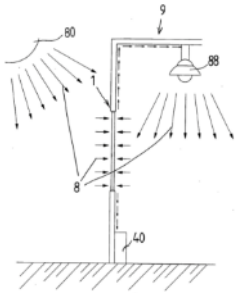


FIG 1

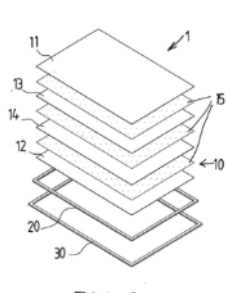


FIG 2

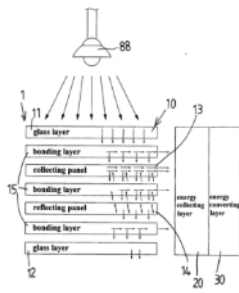


FIG 4

## Trade Secret I.P. & Patents

## Certification



### Trade Secret Technology

The company owns nano reactors and proprietary process which fabricates nano particles that are utilized to explode and direct incident light which is then converted into electricity.



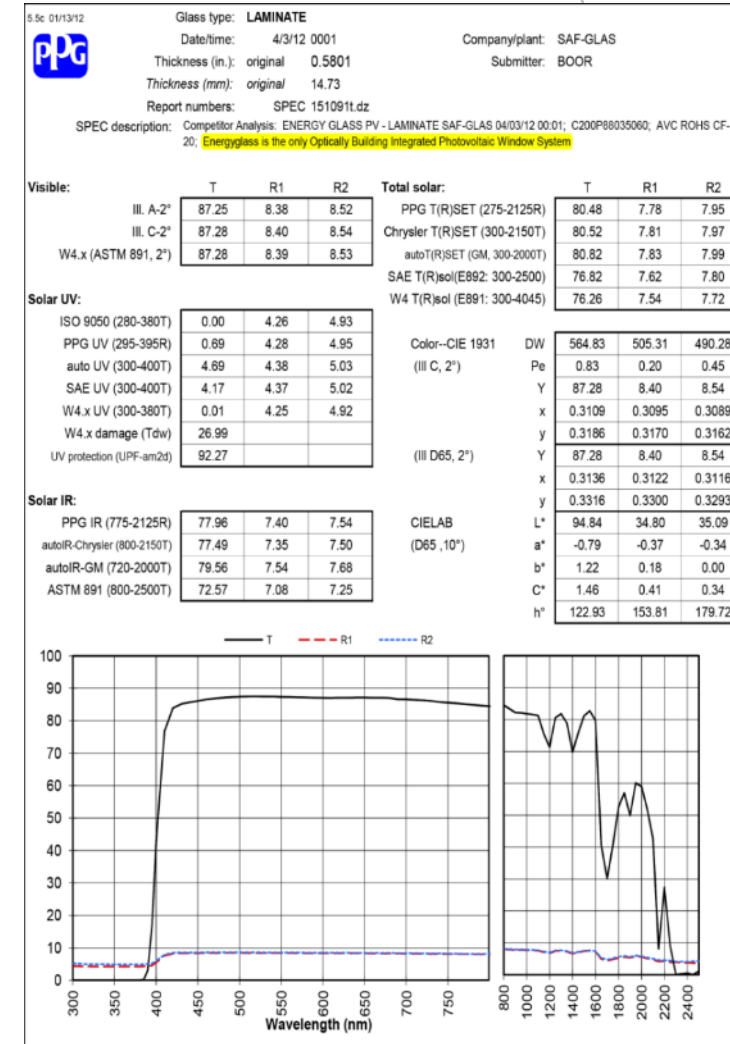
### US Patent

Co-infusion of nano particles into bonding films, smart films, coatings, cement products, medical products (drug delivery biocapsule implants), nano wires, membranes, semi conductor electronics, fluids, oils and graphene.



### Extensive 3<sup>rd</sup> party testing

PPG industries and Nova Data are two of the companies which performed 3<sup>rd</sup> party testing on the EnergyGlass system to a successful conclusion



The Company owns and, or controls over 100 patents and over two hundred formulae for nano technology and products, such as but not limited to: nano carbon capsule that is specifically modified to enhance and reflect light energy, that the Company uses in its EnergyGlass, electrical producing glass, wall and roof products.

# Benefits of EnergyGlass

EnergyGlass is a disruptive hybrid of a 25+ year core technology.

EG products provide varying degrees of transparency, and fits into industry current practices, standards, and applications.



## Appearance of Normal Glass

Optically clear and free from eye distortion

Has the ability to be custom cut to fit

Choice of any color

No grids, lines or distortion in the vision field



## Industry Standard

Based upon global glazing methods, standards and codes

Is not a coating that could chip, peel or degrade

Exceptional immediate scale up ability

Manufacturing based upon standard industry equipment



## Strength of Product Line

Natural and man-made disaster resistant

Inorganic paretic co-infused into interlayer, (not sprayed).

Not a coating, will not chip, peel, crack or degrade.

Choice of any glass make up



## Applications of Product Line

Private Sector applications

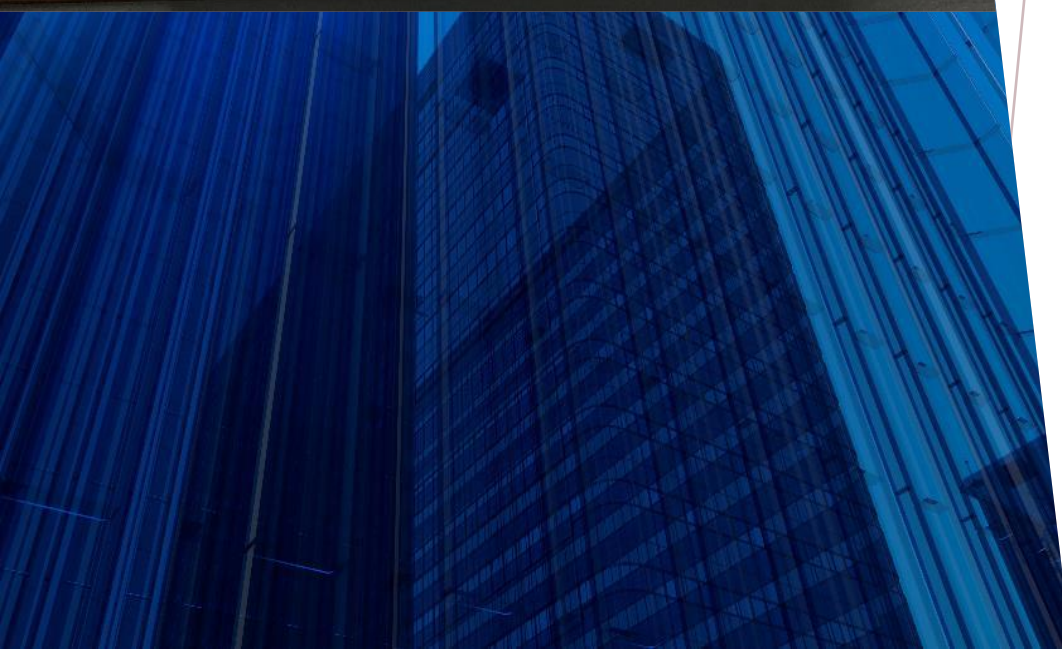
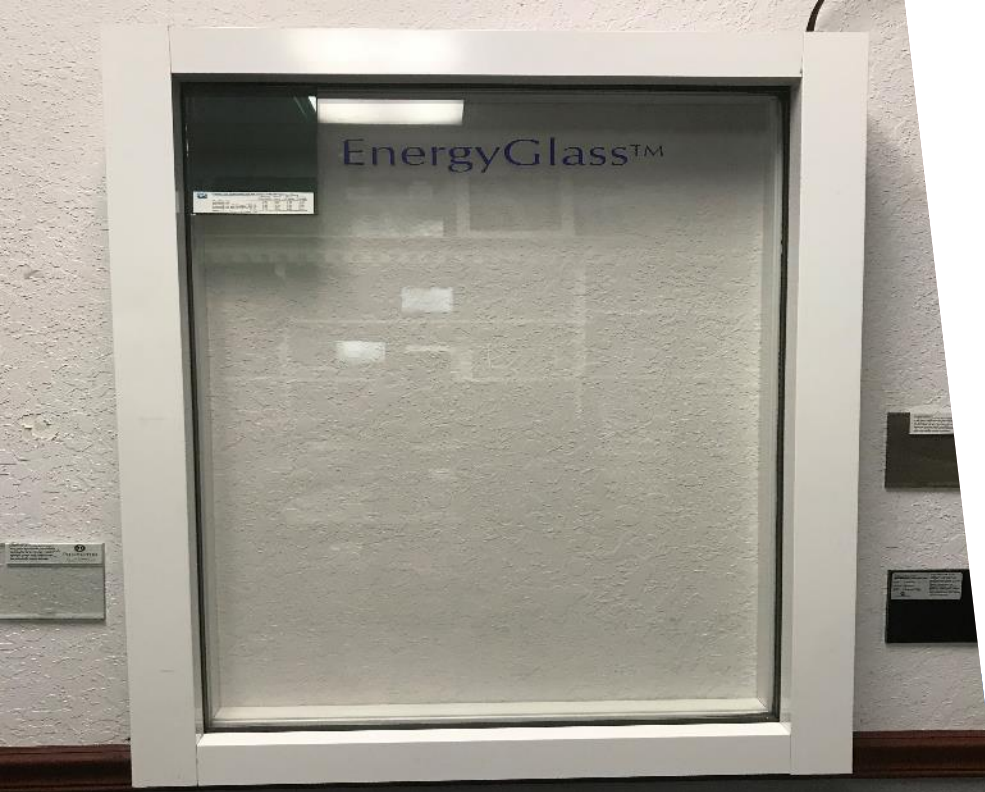
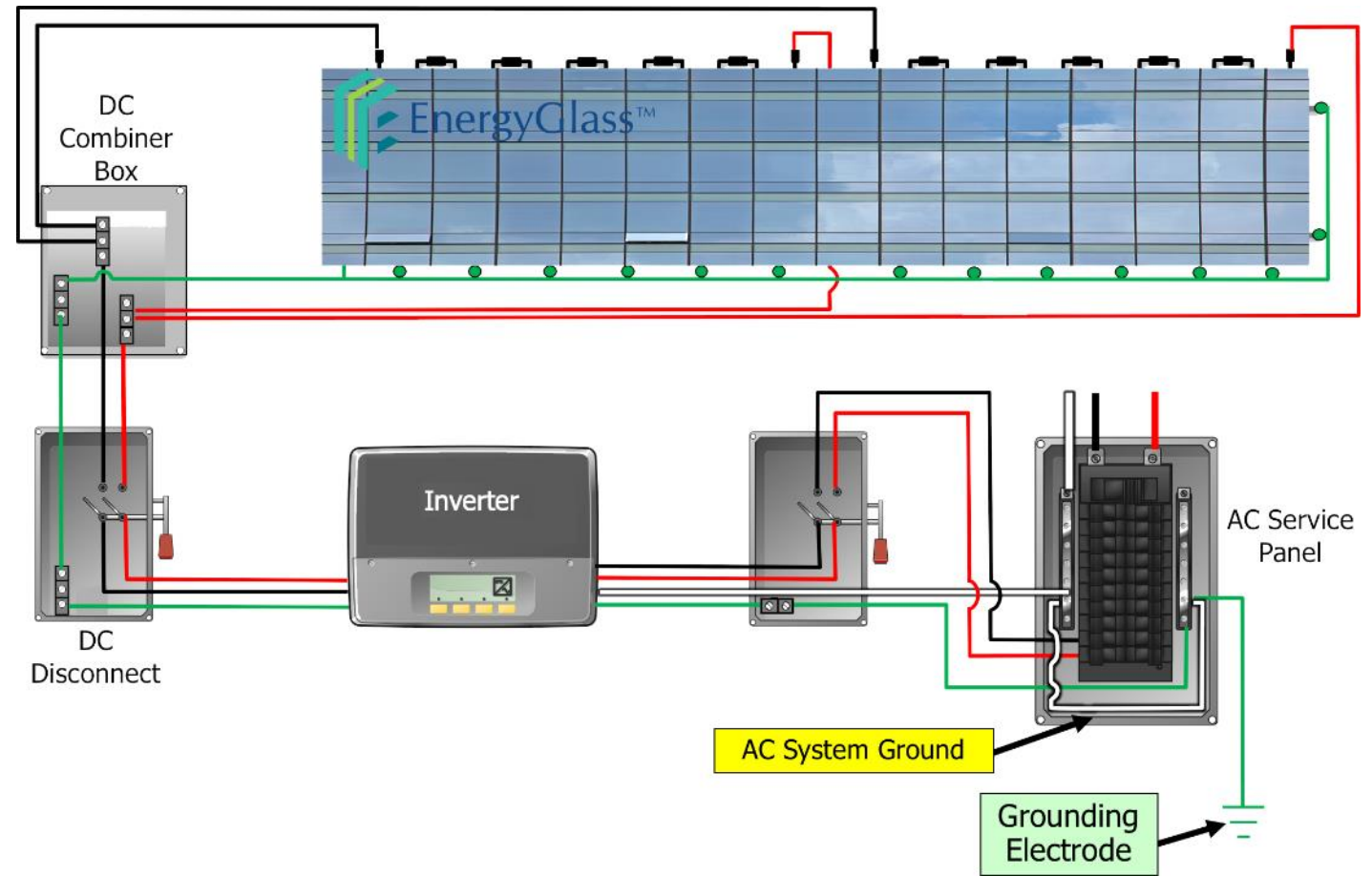
Government Sector applications

Land and Sea vehicle applications; (free from distortion)

Green Houses and Grow Facilities

# Installation of EnergyGlass

The Installation of EnergyGlass™ coincides with current industry good practices. EG installation is similar to that of standard laminated glass which is installed into residential & commercial vertical and horizontal framing systems.



# Financial Benefits

Building transforms into a vertical and or, horizontal solar farm and micro power plant & becomes its own ongoing income stream.

EnergyGlass qualifies the entire glazing system, including labor, as a photovoltaic, accessing the Federal 30% Solar Investment Tax Credit (ITC).

100% project accelerated depreciation the (1st) year.

Sales tax exemptions.

179 D tax deduction.

State and Local Subsidies for renewable energy projects.

Net metering, sell back (kWh) electricity to the utility.

SREC'S; may be purchased and sold.

Carbon Credits.

Performance based incentives.

Loan and grant programs.

Expedited permitting.

Property Accessed Clean Energy

Insurance Discounts.

Building a Humanitarian Brand for the Environment.



# SAMPLE ROI



## Cost Analyses of EnergyGlass System Vs. Standard Laminated Glass System

Project Name SoFi Stadium

By using EnergyGlass this project may save up to \$45,717,925

		Laminated EnergyGlass & Electroframe [ballpark]		Std. laminated glass System [ballpark]	
		Per sq.ft.	Total	Per sq.ft.	Total
Product Cost:	1,000,000sq.ft.	\$98.50	\$98,500,000	\$87.80	\$87,800,000
Other equipment cost:			\$1,550,000		
<b>Total Cost without incentives</b>			\$100,050,000		\$87,800,000
<b>Renewable Energy Incentives</b>					
Local Incentives			TBD		\$0
State Incentives			TBD		\$0
Federal ITC tax incentive	30%		\$30,015,000		\$0
Sale Tax	10.000%		\$0		\$8,780,000
PACE program			TBD		\$0
Programs, Grants, Credits			TBD		\$0
Bonus Depreciation 1st Year			\$17,858,925		\$0
179D - Energy Efficient Commercial Buildings			TBD		\$0
<b>Total Cost with incentives applied</b>			\$52,176,075		\$96,580,000
<b>1st years of electrical generation</b>					
0.12 per kWh	10,950,000 kWh		\$1,314,000		\$0
<b>Total Cost with 1 year of energy savings applied</b>			\$50,862,075		\$96,580,000

**Assumptions:**

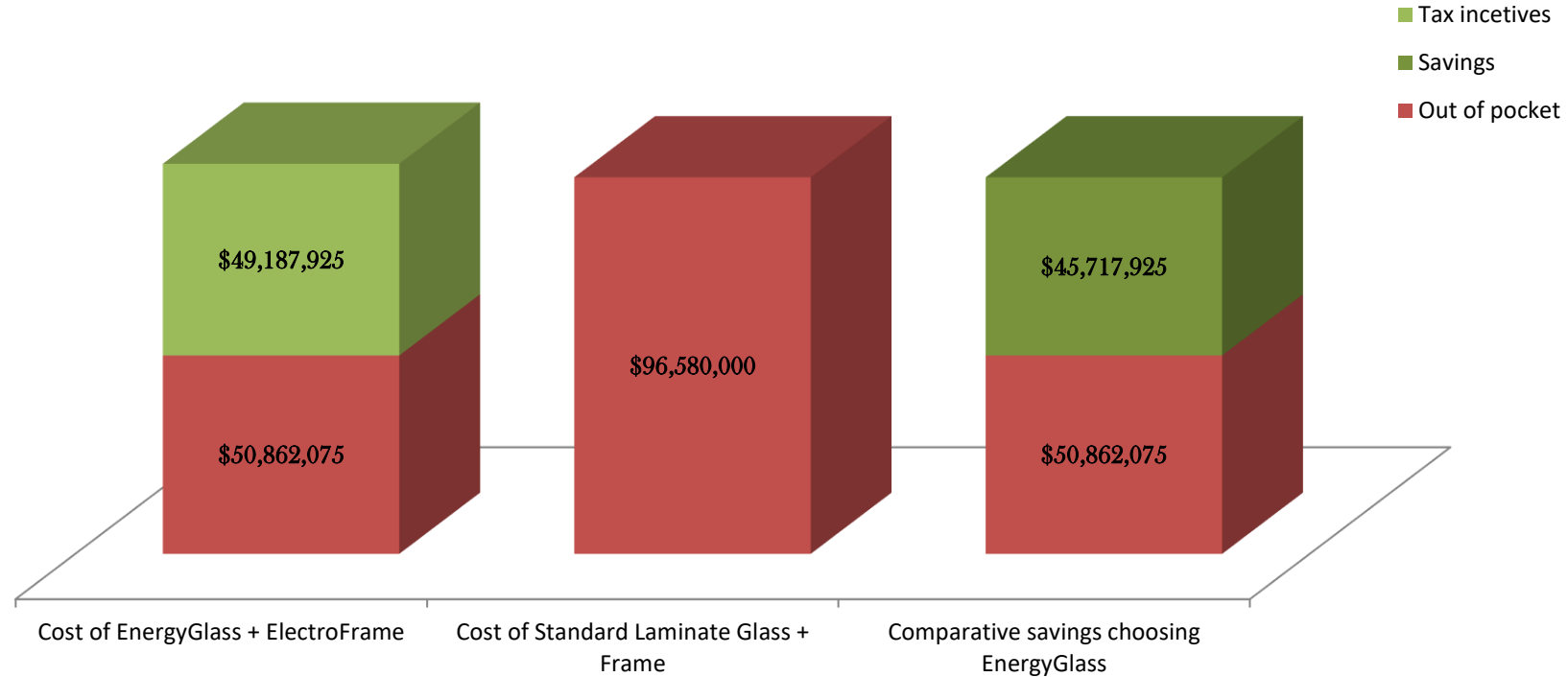
Above does not include City, County incentives  
 Above does not include feed in tariffs incentives  
 Above does not include PACE program benefits  
 Above does not include NICA program benefits  
 Above does not include property tax exemptions

Above does not include insurance and other incentives  
 Above does not include subsidies for renewable energy projects  
 Above does not include performance based incentives  
 Above does not include loan and grant programs  
 Above does not include jobs incentive funds  
 Above does not include worth of SREC's, Carbon Credits etc.

Disclaimer: This correspondence is meant as a guide only. Note that rates included in this entry are somewhat simplified versions of those contained in tax code, which often contain additional caveats, restrictions, and modifications. Those interested in this incentive should review the relevant sections of the code in detail prior to making business decisions.

# TYPICAL ROI

## Cost comparison of EnergyGlass System vs. Standard Laminated Glass System, (ROI) for SoFi Stadium



EnergyGlass™ cost is slightly more than the standard alternative; but by choosing ElectroGlass System, the Project may have access to more than 47% in tax incentive benefits in the first year of operations.





*Join us on our journey*

