



INTELLIGENT
GREEN
SOLUTIONS

High-Performance Solar Hot Water & Heating Systems

IGS partners with a number of the industry's best solar manufacturers in order to offer each customer the most efficient and cost-effective solar hot water / heating system for their budget.

IGS offers solar thermal systems for a variety of applications, including:

- Residential hot water / space heating
- Commercial / municipal hot water / heating
- Industrial process hot water / heating

Each system is carefully designed and customized to your specific needs, ensuring you get the maximum performance and highest possible return on your investment. Plus, IGS guarantees professional solar installation through our network of dedicated solar professionals across the United States.



A solar thermal system from Intelligent Green Solutions can easily cut 65% (or more) off of your total hot water and space heating bill, saving you thousands every year.



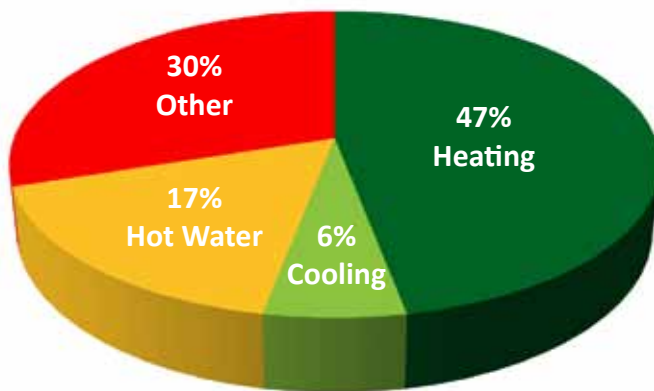
Residential Solar Hot Water & Heating



Estimated Hot Water & Heating
Cost Savings With Solar From IGS:

70%
Or More

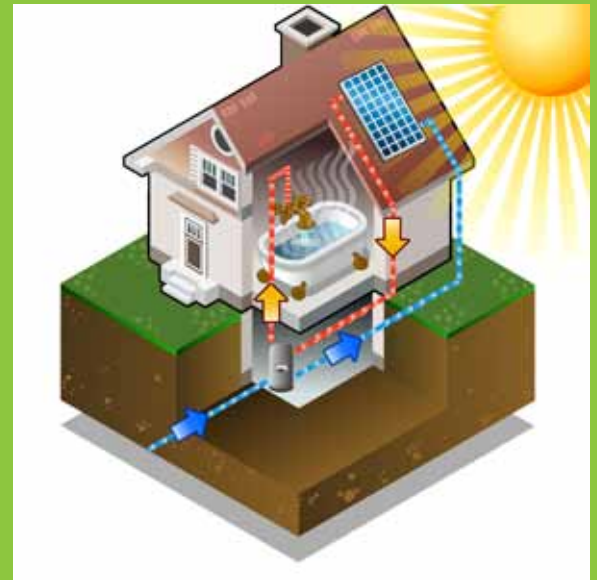
Where Are Your Energy Bills Going?



On average, a homeowner in the United States spends roughly 47% of their total energy bills on heating, 16% on hot water heating and another 6% on cooling. With the ever-increasing price of energy today, a solar hot water and heating system from IGS can save you hundreds of dollars a year.

Solar Hot Water

Solar hot water systems will provide your everyday domestic hot water for typical daily tasks such as showers, washing dishes, doing the dishes and general cleaning.



Combi Solar Heating

A combi heating system will provide your domestic hot water, but will also provide radiant / space heating through in floor or, baseboard or forced hot air heating.



Commercial & Municipal Solar Heating

Farms &
Agriculture



Military
Facilities



Hotels /
Motels



Colleges /
Universities



Municipal
Buildings



Anticipated Costs & Savings

Based On:

- 500G / day hot water load
- Electric water heating system in place
- \$0.14 / kwh electric cost

Anticipated Monthly Savings

\$ 250.00

IGS System
Price

\$ 55,953

NYSERDA
Rebate

\$ 25,000

Other
Incentives

\$ 24,952

**\$0 Down
Financing
Available**



Radiant Sidewalk / Parking Lots

Incredibly popular in colder, northern climates, radiant sidewalk / parking lot solar heating systems are incredibly cost-effective and efficient.

Give your employees and customers a special treat and keep them safe from slips and accidents this winter season with an in-ground radiant snow / ice melting system from IGS today.

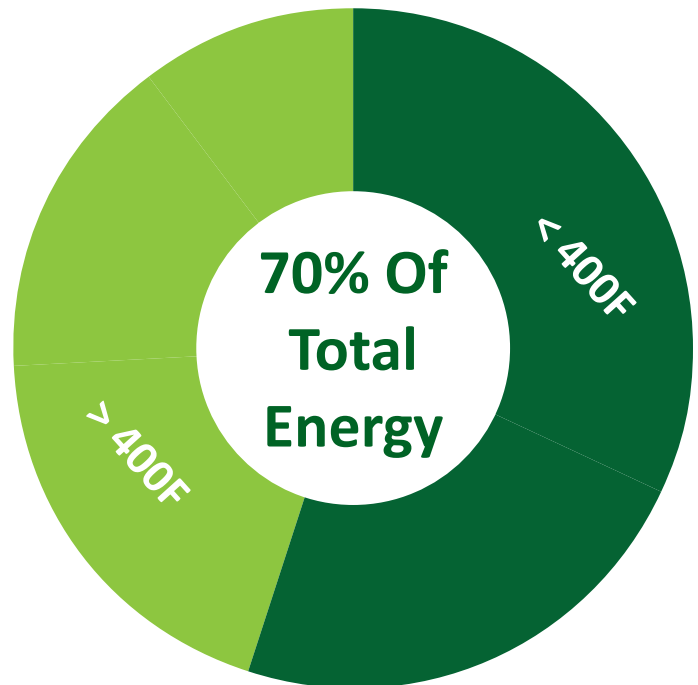
Industrial Solar Process Heating

Roughly 70% of all of the energy used in industrial processes is used for process heating. And, of that energy, 57% is used for heating to temperatures lower than 400F - well within the range of heat that a solar thermal system can provide.

A solar thermal system from IGS can use a variety of heat conducting media in order to meet your specific needs, including:

- Steam
- Hot water
- Thermal oil

In order to provide maximum flexibility and offer the widest range of uses for the solar generated energy, IGS will work with you to integrate your solar thermal system at your process distribution level.



Typical Industrial Processes For Solar Thermal

Food & Brewing

- Pasteurization
- Blanching
- Cleaning

Pharmaceuticals

- Sterilization
- Granulation
- Fermentation

Oil & Chemical

- Injection Molding
- Distillation
- Enhanced Oil Recovery

Metal & Automotive

- Drying
- Electroplating
- Bluing

Paper

- Bleaching
- Cooking
- Drying

Textiles

- Dyeing
- Drying
- Washing