



# FRANK P. LANGLEY CO., INC.

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## Solar Thermal Case Study

Customer: **City of Ithaca**

Location: **Ithaca, NY**

System Type: **Closed Loop, Domestic Hot Water**

Building Use: **Park & Recreational Facility**

Design Engineer: **Taitem Engineering, P.C.**

Installing Contractor: **SunSky Energy**



**System Description:** This project was funded by the Federal Government. The eight collectors installed on the roof are Apricus AP-30C. The AP-30C meets and exceeds the requirements of the Buy American Act and is eligible for projects such as this funded by the American Recovery & Reinvestment Act.

The eight collectors mounted on the roof are feeding into two Niles 240 gallon tanks piped in parallel and subsequently to two gas water heaters. Eight HD-25 heat dissipaters were installed in parallel on the east wall.



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