



# Partnership Profiles

LEHIGH VALLEY

O&M Services

Turnkey Installation

Energy Services

System Solutions

**Site:** Lehigh Valley Hospital

**Location:** Allentown, PA

**Scope of Work:** Armstrong Service, Inc. was awarded an engineering service contract from Lehigh Valley Hospital.



- Projects:**
- Provide turnkey design, engineering, and construction services to implement a flash steam and condensate recovery project to lower the hospital's energy and maintenance costs.
  - Perform cost savings calculations from energy bill data, site measurements, and system analysis to assist Lehigh Valley Hospital in monitoring the captured savings.
  - Implement a series of energy efficiency measures that will provide a simple payback in less than (3) years.
  - Provide sustaining engineering services and develop further system upgrades by auditing the new system quarterly for (3) years and performing an annual steam trap survey.

**Contract:** Multi-year Agreement with automatic annual renewals.

**Time of Service:** Term of Agreement began August, 2000.

- Benefits:**
- Lehigh Valley Hospital will have significantly less equipment downtime due to corrected system misapplications and reap the benefits of major energy cost savings.
  - Lehigh Valley Hospital will enjoy a less than (3) year simple payback on the improvements made by Armstrong Service.
  - The ASI design will improve the hospital's appearance by eliminating an unsightly flash steam exhaust to the atmosphere.



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