



# Partnership Profiles



O&M Services

Turnkey Installation

Energy Services

System Solutions

**Site:** Ocean Spray Cranberries

**Location:** Bordentown, NJ

**Scope of Work:** Armstrong Service is responsible for the daily operation & maintenance of this sites steam, compressed air, and refrigeration (ammonia) systems.



Armstrong maintains a crew of 5 full time on-site employees who are responsible for the utility systems. This includes an Armstrong Service site supervisor who has overall responsibility for system efficiency, reliability, and reporting. Responsibilities also include; compliance with the New Jersey Toxic Catastrophe Prevention Act for ammonia systems, annual equipment inspections and discovery, and implementation of Energy Saving Measures.

Steam capacity is 50,000 pph (3 boilers = (1)800Hp and (2)600Hp.

Compressed air from (1)250Hp and (3)100Hp compressors.

Refrigeration has 600 ton capacity with (2)screw and (2)reciprocating compressors, cooling towers, etc.

**Upgrade Projects:** Armstrong discovered and implemented the following energy conservation projects:

- Installed a boiler stack economizer
- Installed a blowdown heat recovery system
- Installed condensate pump systems to increase condensate return

**Time of Service:** 5 year Operations and Maintenance Agreement began June, 2006.

**Benefits:** Ocean Spray now has on-site utility expertise motivated to continually reduce cost while focusing on production reliability. They also have access to all of Armstrong Service extensive utility/energy engineering resources.

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