



Report No. 702001

Date: 02/22/2007

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ALLTEX ENERGY MANAGEMENT, INC.

**Natural Gas Consumption Reduction
Pilot Program**

TEST RESULTS
FOR:
DOMESTIC HOT WATER SUPPLY

Located at:

CHRISTUS ST. JOHN HOSPITAL
NASSAU BAY
TEXAS

A Confidential Report

Prepared by





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Test Report

Report No. 702001

Date: 02/22/07

Customer:

Alltex Energy Management
 15955 West Hardy Road
 Suite 224
 Houston, TX 77060

Test Site Location:

Christus St. John Hospital
 18300 St. John Drive
 Nassau Bay, TX 77058

Test Type: HEATING AIR CONDITIONING REFRIGERATION OTHER: _____
 Product Teste HW LCH LCS CHW CHS AC CAC RU OTHER: _____

Type of Equipment:

Manufacturer: Sellers Engineering
 Model: BT606 (Two Boilers)
 Capacity / Set 145 Degrees F
 Fuel TyNat. Gas
 Application: Domestic Hot Water
 Area Served: Hospital
 Misc.

Test Start Date: 01/04/07
 Test End Date: 02/06/07
 No. of Days in Test: 34

BURNER RUN-TIME:

in HRS. in MIN.

IntelliCon ON-DAYS: 100:41:24

IntelliCon OFF-DAYS: 120:10:59

RUN-TIME was reduced by: 16.20%

BURNER USAGE FACTOR:

IntelliCon On-Days: 24.7%

IntelliCon Off-Days: 29.5%

USAGE PER DEGREE-DAY

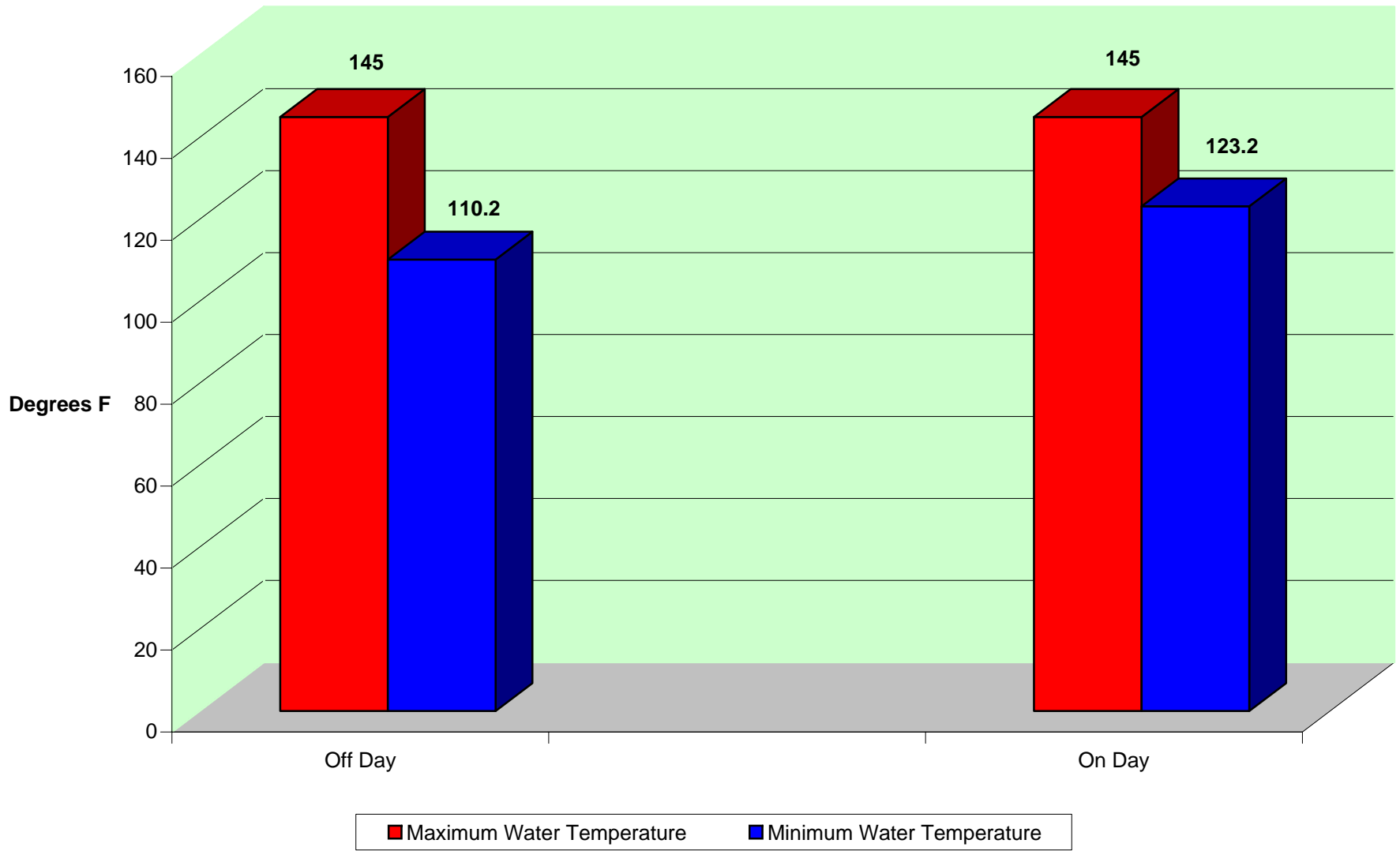
ON-DAYS: N/A

OFF-DAYS: N/A

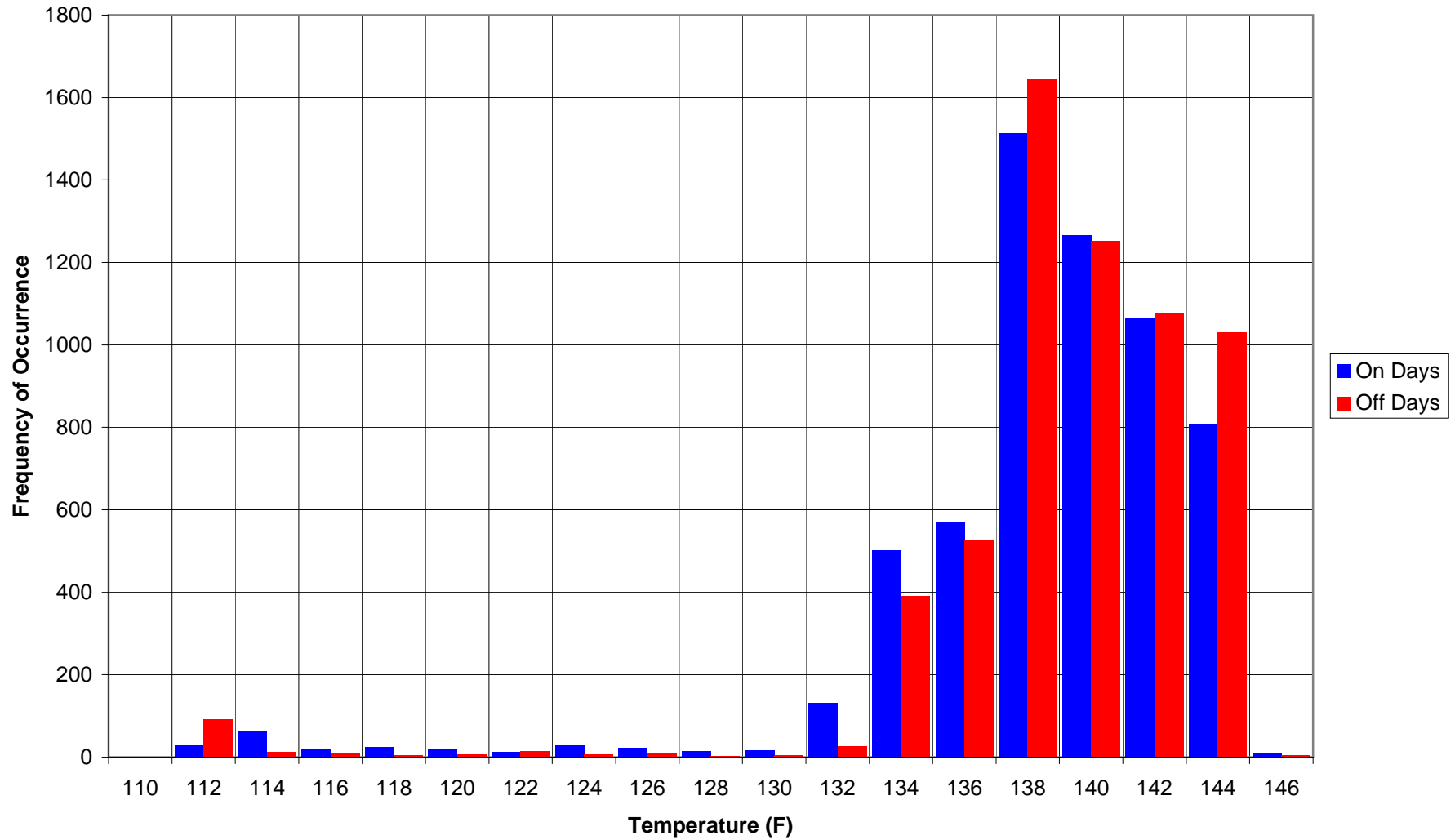
Savings 16.20%

COMMENTS: The combined boiler run times were significantly reduced on those days when the IntelliCon controls were in the circuit while the overall consistency of the delivered water temperature improved. The maximum water temperature recorded was the same (145 degrees F) on both the "On" and "Off" days while the minimum water temperature increased from 110.16 degrees F on the "Off" days to 123.2 degrees F on those days when the Intellicon controls were in the circuit.

Water Temperature Control



Christus St. John Hospital Water Temperature Histogram (01/04/07--02/06/07)



Christus St. John Hospital Water Temperature Probabilities (01/04/07--02/06/07)

