



Report No. 12154
Date: 02/08/07

Fuel Reduction Pilot Program

CONDUCTED AT

OXFORD PROPERTIES

FOR

Canadian Energy Conservation
Group

TEST RESULTS
FOR A
HOT-WATER BOILER

A Confidential Report
Prepared by
Intellidyne LLC



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 Glen Cove, NY 11542
 Phone: 516-676-0777
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Test Report

Report No. 12154-1

Date: 02/08/07

Customer:

Canadian Energy Conservation Group
 1519 Rawlings Drive
 Pickering, ON
 L1V 5A6

Test Site Location:

Oxford Properties
 245 Consumers Road
 Toronto, ON, Canada, M2J 1R3
 Boiler # 1 & 2 Low Fire

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

Type of Equipment:

Manufacturer: Laars
 Model: HH2450IN11JCCAXX
 Capacity / SetPt: 2,450,000 BTU
 Fuel Type: Natural Gas
 Application: Space Heating
 Area Served: Entire building
 Misc. _____

Test Start Date: 11/11/06
 Test End Date: 12/10/06
 No. of Days in Test: 30

BURNER RUN-TIME: in HRS. in MIN.
 IntelliCon ON-DAYS: 413:43:34
 IntelliCon OFF-DAYS: 433:15:31 RUN-TIME was reduced by: 4.51%

BURNER USAGE FACTOR:
 IntelliCon On-Days: 57%
 IntelliCon Off-Days: 60%

HEATING DEGREE-DAYS (FOR TEST PERIOD)
 IntelliCon ON-DAYS: 407 It was 3.3% Colder on the On-Days.
 IntelliCon OFF-DAYS: 394
 Total Degree-Days: 801

USAGE PER DEGREE-DAY
 ON-DAYS: 1:00:59
 OFF-DAYS: 1:05:59

SOLAR LOAD COMPENSATION: (Lumens/Sq. Ft.)
 IntelliCon ON-DAYS: 78324
 IntelliCon OFF-DAYS: 86331 It was 9.27% Sunnier on the OFF-Days.

Individual Runtimes

	Boiler #1	Boiler #2
ON-Day Runtime	329:07:33	84:36:00
Cycles	113	443
OFF-Day Runtime	341:58:25	91:17:06
Cycles	61	701

BURNER CYCLING REDUCTION:
 IntelliCon ON-DAYS: 556
 IntelliCon OFF-DAYS: 762 Cycling was reduced by: 27.0%

Adj. Savings = 7.56%

COMMENTS:



90 Pratt Oval
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Test Report

Report No. 12154-2

Date: 02/08/07

Customer:

Canadian Energy Conservation Group
 1519 Rawlings Drive
 Pickering, ON
 L1V 5A6

Test Site Location:

Oxford Properties
 245 Consumers Road
 Toronto, ON, Canada, M2J 1R3
 Boiler # 1 & 2 High Fire

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

Type of Equipment:

Manufacturer: Laars
 Model: HH2450IN11JCCAXX
 Capacity / SetPt: 2,450,000 BTU
 Fuel Type: Natural Gas
 Application: Space Heating
 Area Served: Entire building
 Misc. _____

Test Start Date: 11/11/06
 Test End Date: 12/10/06
 No. of Days in Test: 30

BURNER RUN-TIME: in HRS. in MIN.
 IntelliCon ON-DAYS: 215:28:21
 IntelliCon OFF-DAYS: 232:51:05 RUN-TIME was reduced by: 7.46%

BURNER USAGE FACTOR:
 IntelliCon On-Days: 30%
 IntelliCon Off-Days: 32%

HEATING DEGREE-DAYS (FOR TEST PERIOD)
 IntelliCon ON-DAYS: 407 It was 3.3% Colder on the On-Days.
 IntelliCon OFF-DAYS: 394
 Total Degree-Days: 801

USAGE PER DEGREE-DAY
 ON-DAYS: 0:31:46
 OFF-DAYS: 0:35:28

SOLAR LOAD COMPENSATION: (Lumens/Sq. Ft.)
 IntelliCon ON-DAYS: 78324
 IntelliCon OFF-DAYS: 86331 It was 9.27% Sunnier on the OFF-Days.

Individual Runtimes

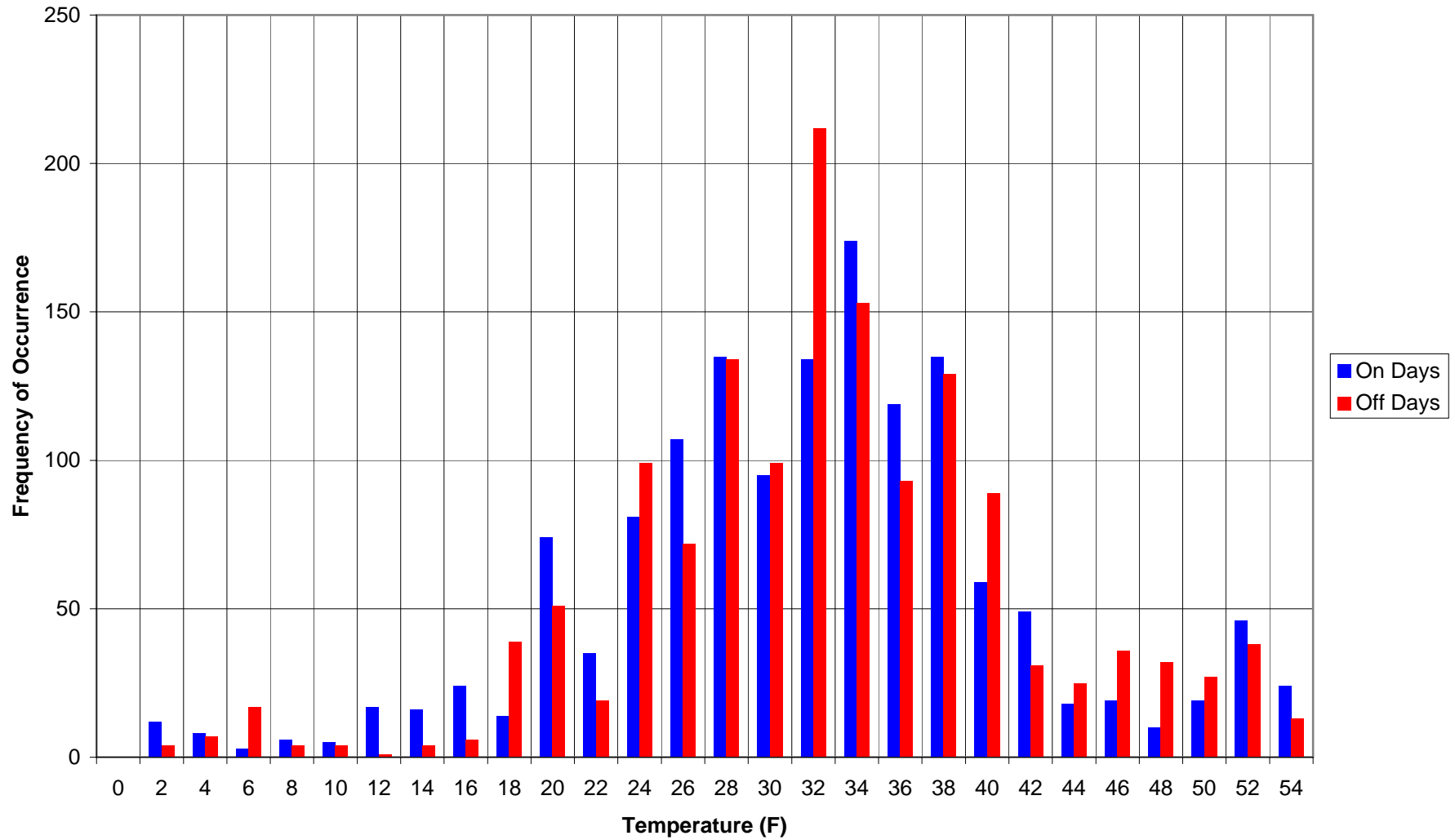
	Boiler #1	Boiler #2
ON-Day Runtime	203:51:24	11:36:58
Cycles	806	77
OFF-Day Runtime	198:06:07	34:44:58
Cycles	867	243

BURNER CYCLING REDUCTION:
 IntelliCon ON-DAYS: 883
 IntelliCon OFF-DAYS: 1110 Cycling was reduced by: 20.5%

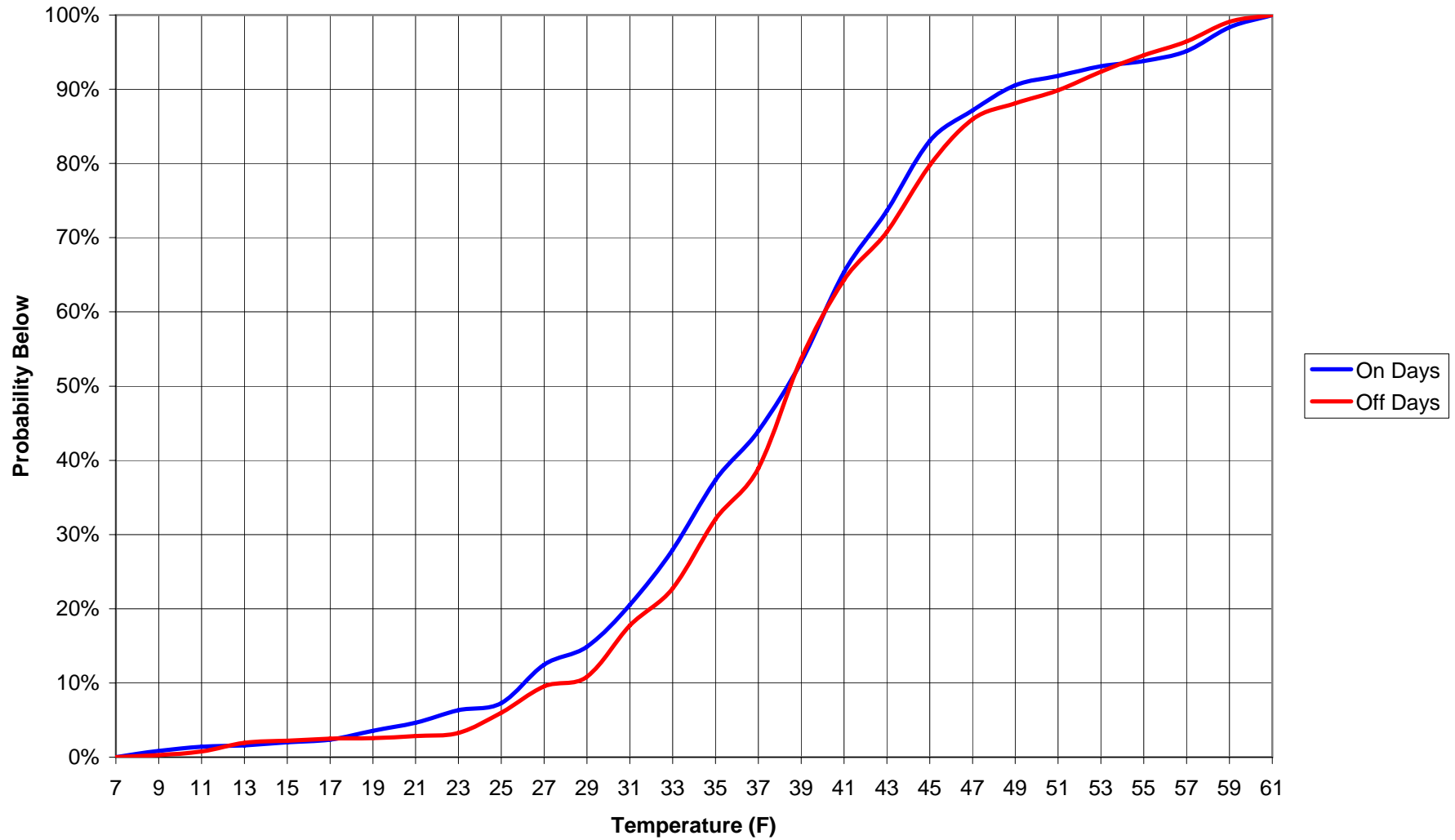
Adj. Savings = 10.42%

COMMENTS:

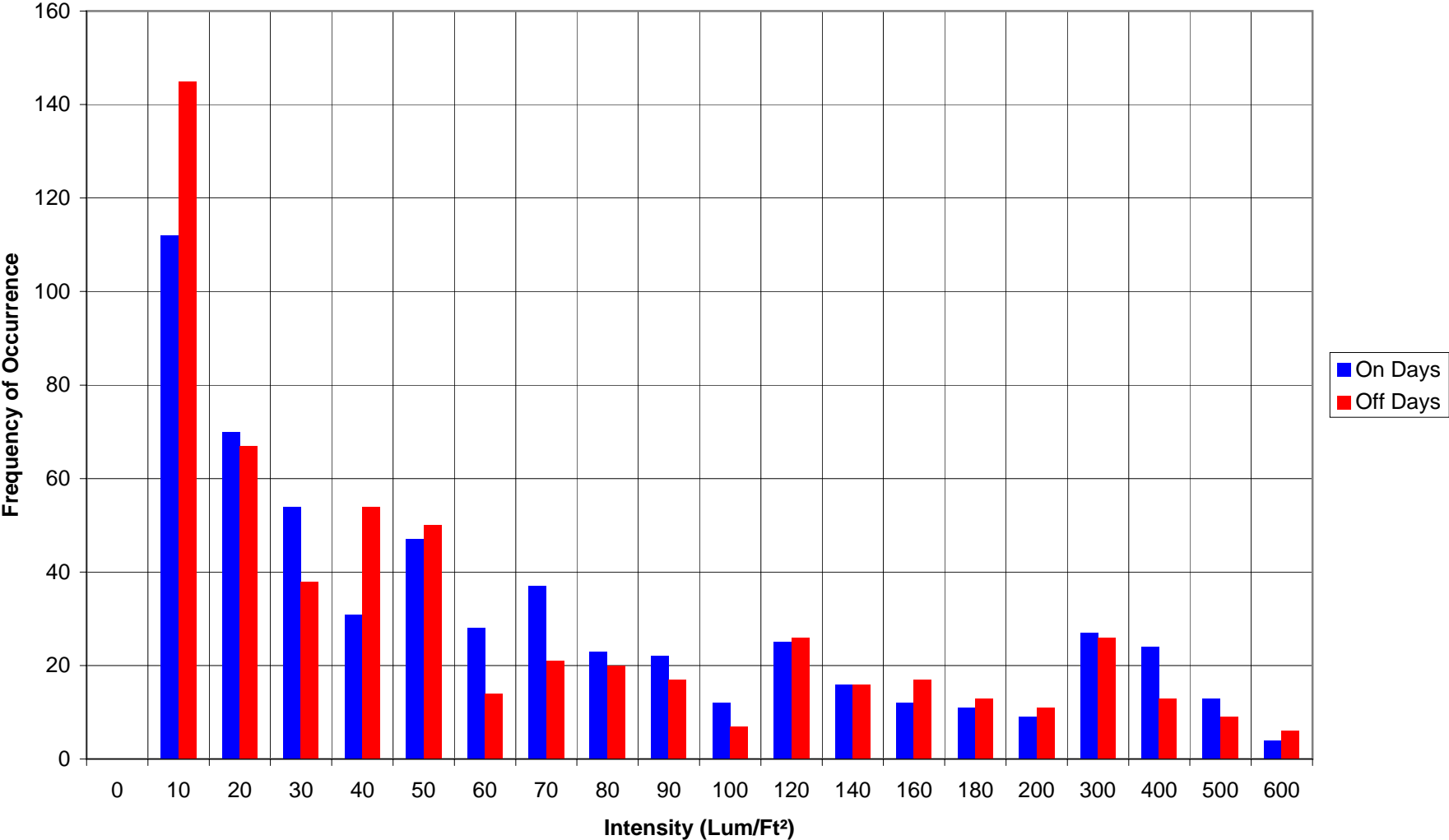
CECG - Oxford Properties
Outside Air Temperature Histogram (11/11/05--12/10/06)



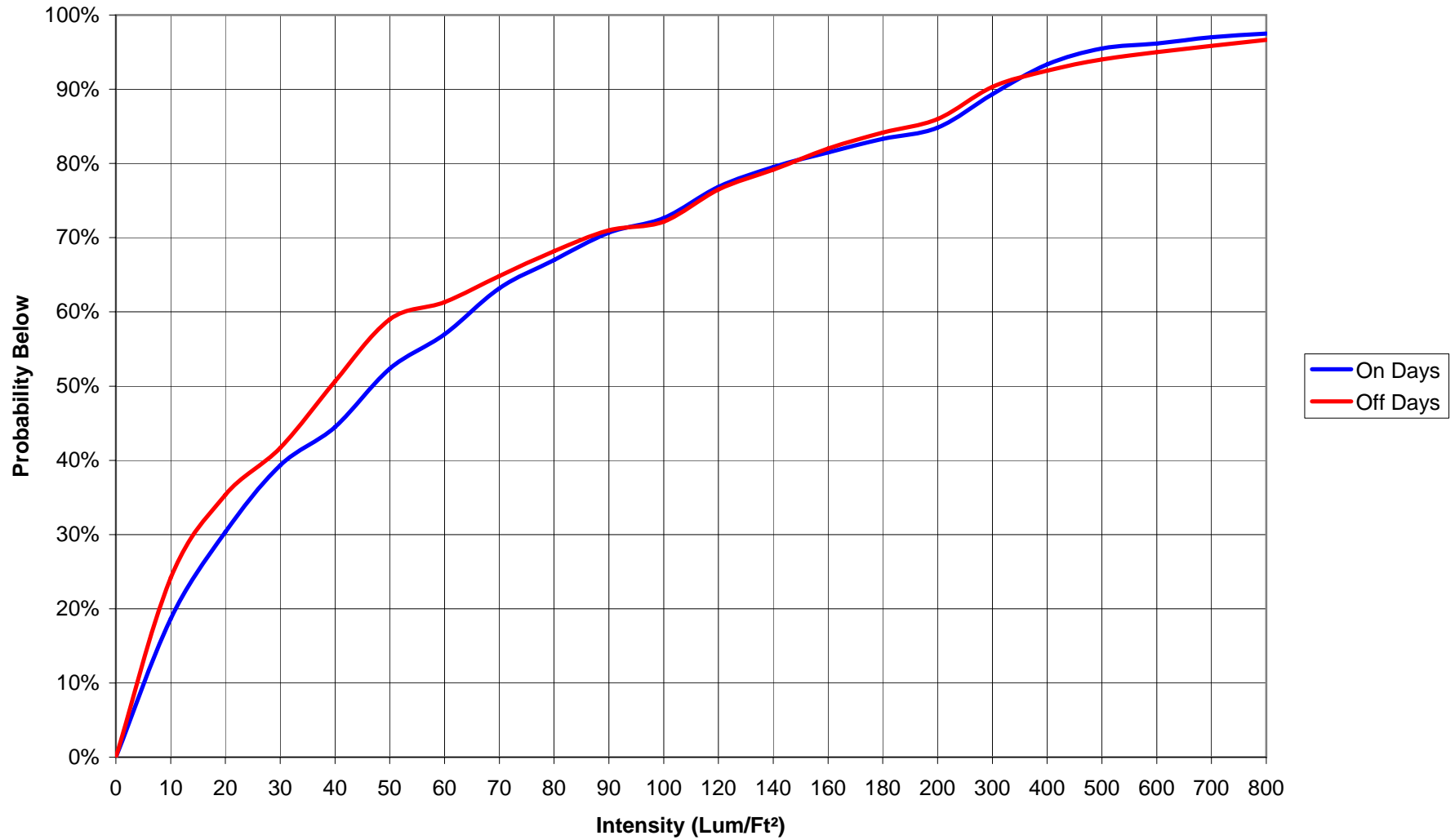
CECG - Oxford Properties
Outside Air Temperature Probabilities (11/11/05--12/10/06)



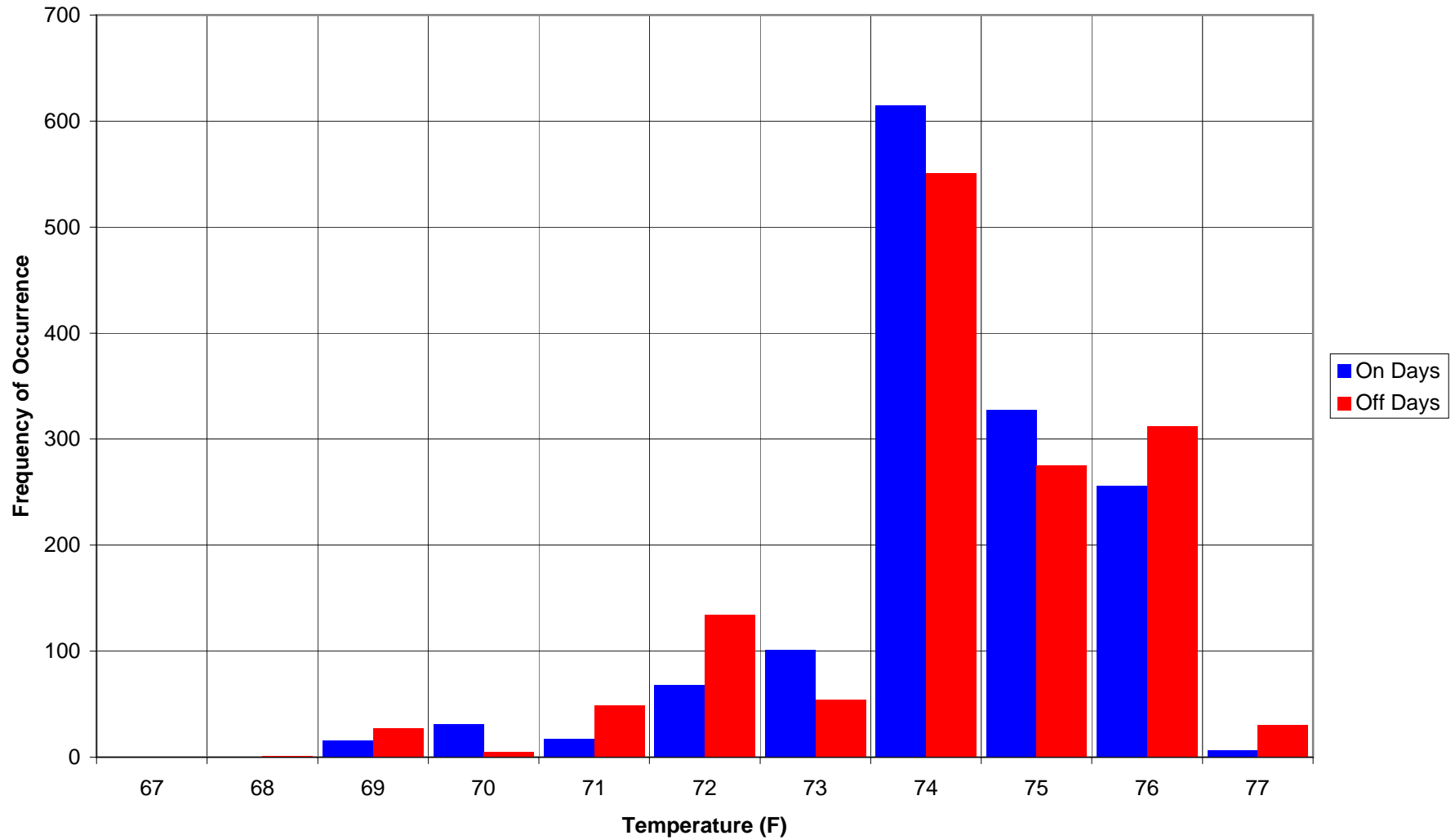
CECG - Oxford Properties
Solar Load Histogram 7:00 am - 5:00 pm (11/11/05--12/10/06)



CECG - Oxford Properties
Solar Load Probabilities 7:00 am - 5:00 pm (11/11/05--12/10/06)



CECG - Oxford Properties
Space Temperature Histogram (11/11/05--12/10/06)



CECG - Oxford Properties
Space Temperature Probabilities (11/11/05--12/10/06)

