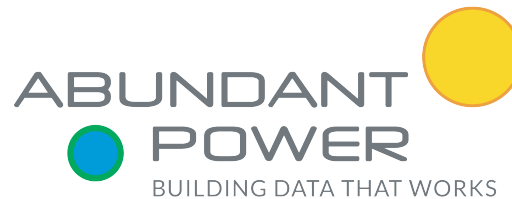


# ACEEE

## INTELLIGENT EFFICIENCY CONFERENCE

### **Economic Potential and Co-Benefits from Information and Communications Technology (ICT)**

Derek McGarry  
Head Building Performance Engineer



**ICT ENABLES  
NEW THINGS**

**CLOUD-BASED  
SERVICES**

**ICT  
ENABLES  
NEW THINGS**

**CLOUD-BASED  
SERVICES**

**ICT  
ENABLES  
NEW THINGS**

**PRODUCTIVITY  
IMPROVEMENT**

**CLOUD-BASED  
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**MBCx**

**AUTOMATED  
M&V**

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**EFFICIENCY  
OF SERVICE  
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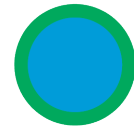
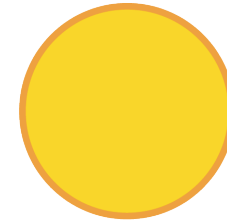
**EFFICIENCY  
OF SERVICE  
DELIVERY**

**PRODUCTIVITY  
IMPROVEMENT**

**MBCx**

**NEW INVESTMENT  
OPPORTUNITIES**

ABUNDANT



POWER

BUILDING DATA THAT WORKS

Abundant Power is a technology and data analytics company focused on providing transformative

financial and technology solutions for the built environment ecosystem.



CleanSource Capital is an affiliate established to provide design and administration of proprietary funds dedicated to energy efficiency financing.

# MONITORING BASED COMMISSIONING

## MBCx

**a new thing!!**

**MBCx**

**IS AN EE MEASURE**

# **MBCx**

**IS AN EE MEASURE**

**MBCx vs. RCx**

# **MBCx**

**IS AN EE MEASURE**

**MBCx vs. RCx**

**ICT ENABLES MBCx**

# **ICT and MBCx**

## **CO-BENEFITS EMERGE**



**ICT and MBCx**

**CO-BENEFITS EMERGE**

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**EFFICIENCY OF  
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# **ICT and MBCx**

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# **BARRIERS TO CLOUD-BASED ICT**

**MODERN CONTROLS**

# **BARRIERS TO CLOUD-BASED ICT**

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**ICT EXPERTISE**

# **BARRIERS TO CLOUD-BASED ICT**

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**TURNING INSIGHTS  
INTO ACTION**



# **BARRIERS TO CLOUD-BASED ICT**

**MODERN CONTROLS**

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**EE vs CRE LANGUAGE**

# THE FUTURE

# IoT

# LED TECHNOLOGY

**BUILDING  
LEVEL**



**SYSTEM  
LEVEL**



**ZONE  
LEVEL**



**PEOPLE  
LEVEL**

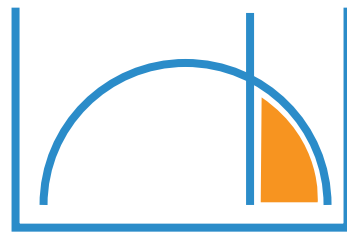


**the  
FUTURE**

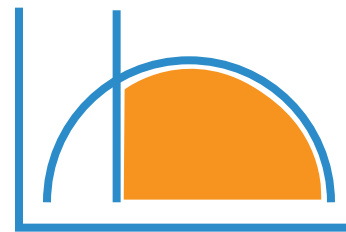
# HOW CAN PROGRAMS SUPPORT ICT INITIATIVES?

WE NEED MODERN CONTROLS

CLOUD-ENABLED EVOLUTION



NOW



THE FUTURE

INCENTIVIZE ICT

# INTELLIGENT DATA **THAT WORKS**

For Buildings. For Tenants. For You.



# Derek McGarry

Head Building Performance Engineer



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