



# MAYORS' MEGAWATT CHALLENGE

leadership by example

## 2019 ANNUAL FORUM

### FROM VISION TO ACTION: Municipalities leading the way to net-zero carbon

The Forum brings together new thinking and best practices essential to bridge the gap between well-intentioned council resolutions and actionable strategies for reaching goals.



Founded in 2003, the **Mayors' Megawatt Challenge** brings together municipalities of every size from across North America to lower energy use, emissions, and operating costs in their own facilities, while demonstrating leadership in climate change action within their communities. Members manage data, assess their energy and environmental performance, set targets and track savings over time. They develop and share knowledge and best practices through data-driven research, webinars and networking to help plan, implement and verify improvements.



**Alex Blue**

PRINCIPAL, BUILDING ENERGY PRACTICE LEAD, MORRISON HERSHFIELD

DATA-DRIVEN POLICY FOR NEW BUILDINGS



**Matt Jungclaus**

MANAGER, ROCKY MOUNTAIN INSTITUTE

ZERO-OVER-TIME FOR EXISTING BUILDINGS



**Alexander Hay**

FOUNDER AND PRINCIPAL, SOUTHERN HARBOUR

CLIMATE RESILIENCE – GETTING READY FOR THE FUTURE



**Dharmen Dhaliyah**

CORPORATE ASSET MANAGER, TOWN OF HALTON HILLS

ASSET MANAGEMENT: AN INTEGRATED APPROACH



**Russell Unger**

PRINCIPAL, RUSSELL UNGER CONSULTING LLC

NYC'S NEW BUILDING CARBON CAPS



**Christopher Halfnight**

ASSOCIATE DIRECTOR, POLICY, URBAN GREEN COUNCIL

NYC'S NEW BUILDING CARBON CAPS

MAYORSMEGAWATTCHALLENGE.COM

For more information, please contact:  
Astra Vaz at [astra.vaz@enerlife.com](mailto:astra.vaz@enerlife.com)  
416-915-1530 ext. 202

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## 2019 ANNUAL FORUM AGENDA

8:30 am

### Rising to the Climate Challenge

1. **Welcome and Introductions**
2. **We're Here to Help – Resources Panel**

The climate crisis is energizing governments, utility companies, academia and civic leaders who can provide unprecedented financial and technical support.
3. **Keynotes – Practical Pathways to Net Zero**
  - a) **Achieving Net Zero Over Time Approach for Buildings**  
(Matt Jungclaus, Rocky Mountain Institute)
  - b) **Asset Management: An Integrated Approach**  
(Dharmen Dhaliya, Corporate Asset Manager, Town of Halton Hills)
  - c) **Climate Resilience – Getting Ready for the Future**  
(Alexander Hay, Southern Harbour)

10:15-10:30 am

### Networking Break

10:30 am

### Expert Panel – Bringing it all together

The three keynote experts will answer your questions through this facilitated panel discussion to bring all perspectives together.

11:15 am

### Awards

Recognizing and celebrating top-performing buildings and municipalities

11:45 pm

### Exhibitors Showcase and Lunch

12:45 pm

### Learning by Doing – An Integrated Working Session

The best way to get into low-carbon planning and decision-making is by working through a real municipal facility example. This working session will be facilitated by our cross-disciplinary experts, with each municipality working as a team to map out a practical pathway to net zero, aligning the following elements:

- Reducing demand through maximizing energy efficiency
- Identifying and recovering every source of heat
- Applying on-site renewable energy installations and readiness and considering best sources for RECs and offsets
- Integrating your strategy into your capital planning and asset management system

2:30-3:00 pm

### Networking Break and Showcase

3:00 pm

### Data-Driven Policy for New and Existing Buildings

1. **Designing and Operating New Buildings Using a Data-Driven Policy Approach** (Alex Blue, Morrison Hershfield)
2. **NYC's New Building Carbon Caps** (Russell Unger and Christopher Halfnight)

3:45 pm

### Closing Remarks and Where we are Going from Here