



# Community Conversations

Roundtable: State of the **Utilities Industry:**  
**Challenges, Innovations, and What's Next**

With:

Gordana Andjelkovic

Director, Grid Technologies HydroOne Networks Inc  
Digital and Technology Solutions



# Energy transition

April 8 | Gordana Andjelkovic, Director, Grid Technologies

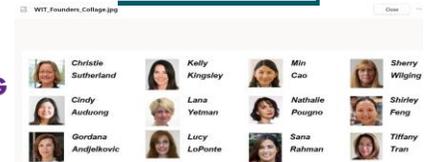
# About me

- I am a dedicated and trustworthy leader who consistently delivers great results. My passion for work lies in delivering results that drive the utility business forward.
- I come from Eastern Europe. I earned my Masters degree in Electrical Engineering at Nikola Tesla University in Belgrade, Serbia. I moved to Canada with my family 25 years ago.
- My career in the utility sector spans from electrical engineering to OT and IT technologies delivery and transformation leadership.
- I put people first in everything I do. My family is what matters most to me, and I enjoy spending time with them at home, in nature, anywhere.
- My favorite hobby is traditional 'folk' dancing. I also enjoy being with my friends, connecting with people, being active, skiing, hiking, cycling.



WOMEN IN TECHNOLOGY

**W** WOMEN IN TRADES, TECHNOLOGY & ENGINEERING



## Energy Transition- from traditional utility to the grid of the future

These drivers collectively contribute to the ongoing shift towards a more sustainable and resilient energy system

### The key drivers of energy transition

1. Environmental Concerns
2. Economic Factors
3. Energy Security
4. Technological Advancements
5. Policy and Regulation
6. Public Awareness and Demand

## Energy Transition- from traditional utility to the grid of the future

These challenges require a collaborative effort from governments, industries, and communities to overcome and successfully transition to a sustainable energy future

### The main challenges of energy transition

1. Technological Advancements
2. Economic Factors
3. Regulatory and Policy Issues.
4. Grid Modernization
5. Public Acceptance
6. Energy Storage
7. Workforce Transition
8. Global Coordination

# Digitalization of the grid

IT technology is essential for enabling a more efficient, reliable, and sustainable energy transition by providing the tools and capabilities needed to manage and optimize energy systems

## IT Technology role in energy transition

1. Smart Grids
2. Energy Management Systems
3. Renewable Energy Integration
4. Data Analytics and Forecasting
5. IoT and Automation
6. Cybersecurity
7. Customer Engagement

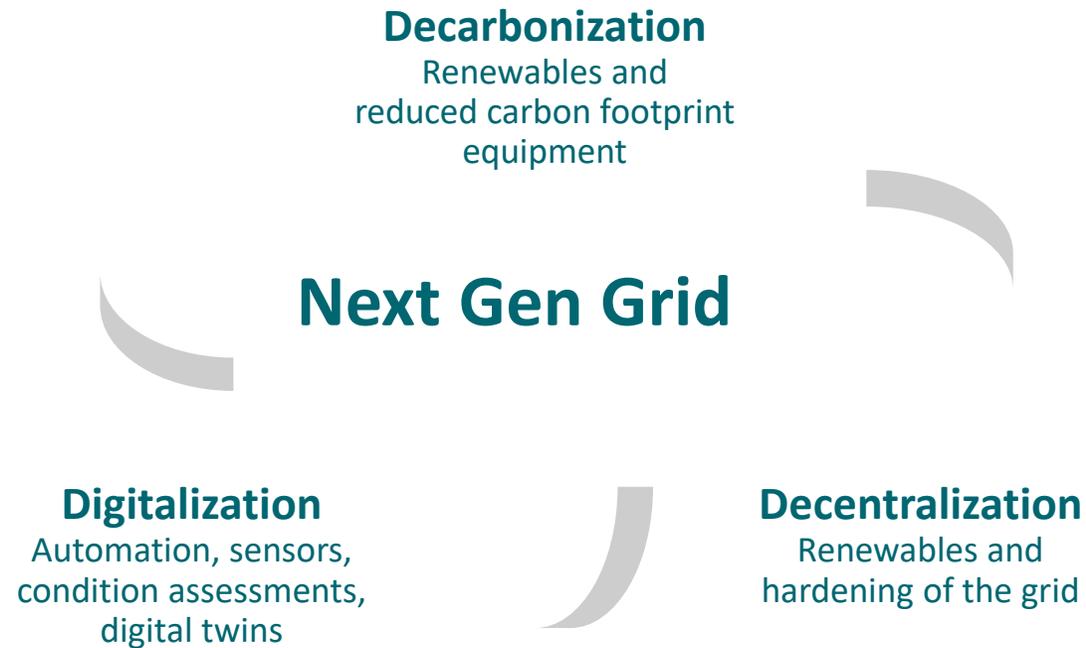
Digital twin	Asset management	Predictive maintenance	Big data
AI/ML	Smart sensors	Digital switchgear	IoT- Internet of things

## Economic benefits of energy transition

These benefits highlight the importance of energy transition not only for environmental sustainability but also for economic prosperity and stability

### The economic benefits are significant

1. Job Creation
2. Energy Security
3. Economic Growth
4. Cost Savings
5. Environmental Benefits
6. Resilience and Reliability
7. Innovation and Competitiveness



## Conclusion

- IT technology is essential for enabling a more efficient, reliable, and sustainable energy transition.
- It provides the tools and capabilities needed to manage and optimize energy systems.

# Suggested resources

**The World Economic Forum**

**<https://www.weforum.org/stories/2025/01/global-energy-transition-3-strategies/>**

**McKinsey & Company**

**<https://www.mckinsey.com/featured-insights/themes/the-trends-shaping-the-energy-transition>**

**Canadian Renewable Association**

**<https://renewablesassociation.ca/energy-transition/>**

# Contact

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ASUG

*Ask the Community*  
**What are your  
thoughts?**

**Poll**

ASUG

What's Next?  
In the Utilities  
Community



# Supporting **the Utilities Community**

We will host monthly virtual **Utilities Community Conversations**:

Dates and topics for June to December to be finalized  
We will enable break-out room options

**Additional Year-Round Engagements from ASUG:**

- Create new and/or update **Utilities-specific** sessions in the Chapter Session Content Catalog.
- Spotlight **Utilities** content in ASUG First Five Newsletter.
- Add **Utilities-focused** content to ASUG Talks in 2025.
- Segment our research with **Utilities** responses to provide insights.



# Upcoming Events:

SAP Sapphire & ASUG Annual Conference  
May 19-21, 2025  
Orlando County Convention Center

2025 SAP for Utilities, Presented by ASUG  
September 8–10, 2025  
Colorado Convention Center

# Supporting **the Utilities Community**



We have a **Utilities-focused** private LinkedIn group for cross-promotional opportunities and content distribution.

Everything **Utilities Related** will be featured in this community.

**Utilities** will be a priority topic at all conferences:

- SAP Sapphire & ASUG Annual Conference: Pre-conference seminar, regular track sessions, onsite Community Conversation
- Utilities and ASUG Best Practices: Regular track sessions
- ASUG Tech Connect: Regular track sessions

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*Thank you!*  
**Community**  
Conversations

Connect with your ASUG Community

# Engage With **Your Community**

**ASUG**

Utilities Community on ASUG:



Utilities Community on LinkedIn:



**ASUG** Community **Conversations** | Editorial Coverage in **First Five** | ASUG Talks **Podcast** | Networking &

***More***