



Code Transition: 2015 Washington & Seattle Energy Codes Seminar

Friday, May 6, 2016 | Bertha Knight Landes Room at City Hall | 600 4th Avenue | Seattle | 98104

** all sessions/speakers subject to change*

PROGRAM SCHEDULE

The City of Seattle and Washington State are enacting significant changes to the 2015 energy codes, which build upon additional changes already incorporated into the 2015 IECC. With these new developments, it is critical that architects and their industry collaborators are thoroughly familiar with the constraints and opportunities afforded by these new codes. This seminar will examine each of the significant developments in the 2015 Washington State and City of Seattle energy codes, including changes related to building envelope, lighting power and controls, MEP systems and commissioning, and others topics. Speakers will also discuss important information about the implementation calendar and the impact of energy efficiency requirements on architectural and engineering design decisions.

8:00 - 8:30 REGISTRATION + MORNING REFRESHMENTS

8:30 - 8:35 WELCOME + INTRODUCTIONS

Katie Kemezis | Program Manager, AIA Seattle

Seminar Speakers:

Duane Jonlin FAIA | Energy Code and Energy Conservation Advisor, Seattle Department of Construction and Inspections

Michael Eshelman, PE, LEED AP | Principal, FSi Consulting Engineers

Ben Roush, PE, LEED AP BD+C | Associate, FSi Consulting Engineers

8:35 - 12:10 PRESENTATIONS

PART 1

Introduction to Session & Overview of Long Term State and City Energy & Carbon Targets
Compliance Paths
Building Envelope
Mechanical Systems

BREAK

PART 2

Water Heating
Lighting Controls
Lighting Power
Vertical Transportation & Controlled Receptacles
Additional Energy Efficiency Option
Total Building Performance Energy Modeling
Commissioning
Metering & Refrigeration
Renewal Energy & Solar Readiness
Existing Buildings
Transition to New Requirements

12:10-12:15 CLOSING REMARKS

Katie Kemezis | Program Manager, AIA Seattle

For more information, visit the attendees resource page: https://www.aiaseattle.org/2016codetransition1_resources/PW:transition1



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SPEAKER BIOS



Duane Jonlin FAIA | Energy Code and Energy Conservation Advisor, Seattle Department of Construction and Inspection

Duane Jonlin serves as the Energy Code and Energy Conservation Advisor for Seattle's Department of Planning and Development, and is responsible for advancing the Seattle Energy Code. He has been appointed by two Governors to the Washington State Building Code Council and chairs its Energy Code Technical Advisory Group. Recently he was appointed by ICC to the 2018 IECC Commercial Buildings Committee. Prior to joining the City of Seattle, Duane was a principal at NBBJ, where he led regulatory compliance and quality management initiatives. He is a professional member of AIA and

ASHRAE, with 30 years' experience designing civic and institutional work, and has architectural degrees from the University of Washington and University of Michigan. Duane is an active member of the AIA Seattle Code Committee, and he writes and lectures on energy efficiency and construction technology in the Pacific Northwest and beyond.



Michael Eshelman, PE, LEED AP | Principal, FSi Consulting Engineers

Michael Eshelman brings over 35 years of experience in mechanical engineering, and serves on the AIA Seattle Code Committee. His experience runs the gamut from multi-family housing to complex manufacturing facilities. With specialized expertise in high performance buildings and energy retrofits, Michael has decades of experience with varied mechanical systems and has seen how these systems impact building performance.



Ben Roush, PE, LEED AP BD+C | Associate, FSi Consulting Engineers

Ben Roush is a LEED AP BD+C and licensed engineer. His background includes sustainable design, building retrofits, commissioning, and energy modeling. Ben brings enthusiasm and commitment to sustainable design and pushing beyond code minimums. He serves on the USGBC Maryland Board of Directors and is the Programs Director. He follows the latest developments in updates to state and local energy codes, as well as LEED and other rating systems.