



*Chapter Meeting: LEED v4 Energy and Atmosphere Credits*  
**Tuesday, March 6<sup>h</sup>, 2018**

**Daniel Nall**, is a Vice President of Syska Hennessy Group in New York. A graduate of Princeton University and Cornell University, he is a Registered Architect, a Professional Engineer, an ASHRAE Life Fellow, a Fellow of the AIA, a LEED Fellow, a certified Building Energy Modeling Professional and a High Performance Building Design Professional. ASHRAE activities include the ASHRAE Advanced Energy Design Guide Steering Committee, the Building Energy Quotient Ad-Hoc and Oversight Committees, and TC 4.7. He helped author the 30% Advanced Energy Design Guides (AEDG's) for Small Office Buildings, Small Retail Buildings, Roadside Lodging and Small Warehouses, and the 50% AEDG's for Medium Office Buildings, Medium and Big Box Retail Buildings, and Grocery Stores. He is one of the four participants in the "Engineer's Notebook" monthly column in the ASHRAE Journal. He received the ASHRAE New York Chapter Distinguished Service Award in 2011 and the ASHRAE Distinguished Service Award in 2012. He has been a member of the Board of Directors of the USGBC NY Chapter, the vice-chairman of the USGBC Energy and Atmosphere Technical Advisory Group and a member of the AIA National Committee on the Environment.



**Presentation Abstract:**

This presentation gives a synopsis of the LEED v4.0 Energy and atmosphere credits. It begins with a general description of and history of LEED. It then describes the pre-requisite requirements for this section. Next is a detailed discussion of each of the E&A credits, looking at the how the points are awarded, at the flow chart of the process of accruing points. Then follows an in depth discussion of whole building simulation and a detailed discussion of ASHRAE 90.1, Appendix G. Next is a discussion of the characteristics and limitations of the Appendix G methodology and the energy conservation strategies that perform well for this method. Then, some of the ancillary tools for whole building energy simulation are presented.

***Earn 1 hour of Professional Development Hours at this meeting.***

GBCI Approved | 1 CE Hour | 0920005374  
AIA | 1 LU | L4EAC2015

***Lunch will be provided***

***Time:*** Meet and Greet/Lunch at 11:45am and Tech Session begins at 12:00 pm

***Payment:*** Members = \$20.00, Non-Members = \$25.00, Students = \$10.00

***Reservations:*** <http://hamptonroads.ashraechapters.org/>

***Please Note: Technical Session will be held at Hobbs & Associates, address below.***

***Lunch Location:*** [Hobbs & Associates 4850 Brookside Ct Ste 100, Norfolk, VA 23502](#)