

Dynamic Simulation : a way to deliver more value to our clients

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Abstract

When engineering teams focus on peak demands and restrict their assessment methods the design process is much less rich than it could be. Our clients are getting less value from our services than is the norm in other countries where designs are based on many criteria. In much of the world multi-criteria assessments via dynamic building simulation are demanded by clients as well as by regulation. Such projects are able to ensure that building work better under part-load demands and that the comfort of occupants is improved and that demand side management options are available to allow systems to be critically undersized.

With the cost of energy evolving clients in Korea are going to ask new questions. We must be ready with the tools and experienced staff who are able to apply simulation. How can we meet this challenge? Some experiences in Europe as well as current efforts underway within Samsung C&T Corporation to assist design team to evaluate and deploy simulation will be presented as well as case studies of dynamic simulation in answering what-if questions.