



# EDDY SANTOSA

DIRECTOR OF SUSTAINABILITY

## ABOUT DBR

DBR provides an alternative to traditional MEP consulting firms by providing better opportunities for our people and as a result, better expertise for our clients.

We hold ourselves accountable to preserve non-renewable resources with our ability to design innovative solutions at the leading edge of building sciences.

## CONTACT

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# ENVELOPE DESIGN FOR HIGH PERFORMANCE & NET ZERO READY BUILDINGS

## DESCRIPTION

The presentation will discuss the role of the energy modeling in the design process. It will discuss the advantages of the implementation of energy modeling in the design process compared to the traditional approach. The presentation will also discuss how the implementation of the envelope design in the LEED projects and Net Zero Ready Buildings. It will discuss how the design process from the beginning to the end of the design. Some key envelope details are also proposed and discussed during the presentation.

## LEARNING OBJECTIVES

- Apply high performance design process in designing envelopes
- Understand the advantages of applying performance simulations to improve energy performance and thermal comfort in the building.
- Implement high performance envelope design in LEED projects and net zero ready buildings
- Improve envelope details to reduce energy usage and improve thermal comfort.

## LEARNING UNITS

1 LU | HSW

