

DEEMED SAVINGS TECHNICAL ASSUMPTIONS

Product: Business New Construction

Description:

This is a custom product including electric and gas measures. This product relies heavily on expert consultants in the design process; however, we will perform independent project review in accordance with standard engineering methods. Customer may apply for rebate under the New Construction product.

Algorithms:

Electrical and gas energy savings and electrical demand savings will be calculated based on the project-specific details. Each project will undergo an engineering review in accordance with standard engineering practices. Prescriptive items within the project will be handled through their respective deemed products.

Variables:

Net To Gross	Electric 90% for the EDA tracks and 93% for the Energy Efficient Buildings track. Gas EDA NTG is 99% and Gas Energy Efficient Building track is 97%. Product requirements are well above code, so we feel free ridership will be negligible. As code requirements increase, NTG will be increased correspondingly. See Table 1 (Reference 1 and 2)
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Table 1:

Energy Design Assistance (EDA) NTG

EDA Project Parameter	NTG Electric	NTG Gas
Projects started prior to 1/1/2011	0.79	0.99
Projects started after 1/1/2011, per 2011 DSM Plan Settlement Agreement, Appendix A, Paragraph (I) under IECC 2006 or earlier codes	0.90	0.99
Projects started under IECC 2009 or later codes	0.95	0.99

Energy Efficient Buildings (EEB) NTG

EEB Project Parameter	NTG Electric	NTG Gas
All projects since EEB launch in 2009	0.93	0.97
Projects started under IECC 2009 or later codes	0.95	0.97

Assumptions:

Operation and Maintenance Savings will be calculated for each specific project based on project details.
Life of product is 20 years for gas and electric measures.

References

- 1) https://www.energycodes.gov/sites/default/files/documents/BECP_FinalQuantitativeAnalysisReport901-2007Determination_May2011_v00.pdf
- 2) <http://www.pnnl.gov/publications/results.asp>