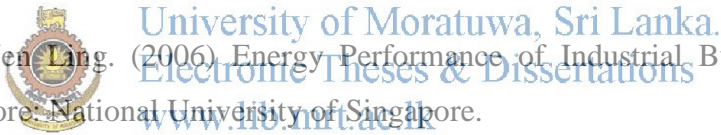


REFERENCES

1. NREL. Matthew Leach, Chad Lobato, Adam Hirsch, Shanti Pless, and Paul Torcellini (2010), NREL/TP-550-49213, Technical Support Document, Strategies for 50% Energy Savings in Large Office Buildings. Golden, Colorado: National Renewable Energy Laboratory, National Laboratory of the U.S. Department of Energy.
2. Federal Energy Management Program, (2001) DOE/EE-0249, Low-Energy Building Design Guidelines. Golden, USA: U.S. Department of Energy by the National Renewable Energy Laboratory, a DOE national laboratory.
3. TRACE 700 software, (2008) User Manual - Version 6.2, developed by Trane Air Conditioning Systems and Service Co. Ltd, USA
4. Energy Efficiency and Renewable Energy, (May 2011) CREEA-WB Whole Building Baseline Webinar, Building Technologies Program. Golden, Colorado: U.S. Department of Energy.
5. Chia Yen Ling. (2006) Energy Performance of Industrial Buildings in Singapore. Singapore: National University of Singapore.

6. NREL. M. Deru, B. Griffith, and P. Torcellini, (2006) NREL/TP-550-39834, Establishing Benchmarks for DOE Commercial Building R&D and Program Evaluation. Golden, Colorado: National Renewable Energy Laboratory, National Laboratory of the U.S. Department of Energy.
7. The Warren center. (2009) Low Energy High Rise building Research Study, Final Research Report. Australia: National Project Consultants Pty Ltd and Exergy Australia Ptd Limited.
8. National Institute of Building Sciences, (2011) Data Needs for Achieving High-Performance Buildings. NW, Suite 700 Washington: National Institute of Building Sciences with New Buildings Institute and the National Environmental Balancing Bureau.
9. Cui Qi, (2006) Office Building Energy Saving Potential in Singapore. Singapore: Department of Building National University of Singapore.

10. Clare Dykes, (2012) User Perception Benchmarks for Commercial and Institutional Buildings in New Zealand. Wellington: The School of Architecture, Victoria University of Wellington.
11. IEA, (2013) Technology Roadmap, Energy efficient building envelopes. Paris, France: International Energy Agency.
12. TAC, (2000) Leading Techniques for Energy Savings in Commercial Office Buildings. WP-Offices energy - US: Schneider Electric, www.tac.com.
13. ASHRAE. (2007) Standard 90.1-2007, Energy Standard for Building Except Low rise Residential Building. Atlanta GA: American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc.
14. ASHRAE. (2004) Standard 62.1-2004, Ventilation for Acceptable Indoor Air Quality. Atlanta GA: American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc.
15. ASHRAE. (2004) Standard 55-2004, Thermal Environmental Condition for Human Occupancy. Atlanta GA: American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc.
16. ASHRAE. (2002) Handbook of. SI Edition, Atlanta GA: American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc.
17. Adam Hinge, Paolo Bertoldi, Paul Waide (2006), Comparing Commercial Building Energy Use Around the World: International Energy Agency. USA. Sustainable Energy Partnerships. European Commission
18. Jayamaha, L. (2006) Energy-efficient building systems - Green strategies for operation and maintenance. New York: McGraw-Hill.
19. Public Utility Commission of Sri Lanka, Generation Performance in Sri Lanka – 2014 (First Half), www.pucsl.gov.lk.

APPENDICES



University of Moratuwa, Sri Lanka.
Electronic Theses & Dissertations
www.lib.mrt.ac.lk

APPENDIX A: REPORTS GENERATED FROM TRACE-700 SOFTWARE



University of Moratuwa, Sri Lanka.
Electronic Theses & Dissertations
www.lib.mrt.ac.lk

APPENDIX A-1: ACCESS TOWER II BUILDING



University of Moratuwa, Sri Lanka.
Electronic Theses & Dissertations
www.lib.mrt.ac.lk

APPENDIX A-2: CECB PHASE II BUILDING



University of Moratuwa, Sri Lanka.
Electronic Theses & Dissertations
www.lib.mrt.ac.lk

APPENDIX B: Equipment Supply and Installation Cost

Equipment Installation Cost For Access Tower II Building

Equipment / Materials/ Systems	Equipment Installation Cost* / US\$	
	Base Building	Considering ESMs
Glazing Material	1,100,335.88	1,760,537.40
Lighting System	188,550.00	310,427.00
Chillers	137,405.00	183,206.00

Equipment Installation Cost for CECB Phase II Building

Equipment / Materials/ Systems	Equipment Installation Cost* / US\$	
	Base Building	Considering ESMs
Glazing Material	57,502.00	80,502.00
Lighting System	12,850.00	25,500.00
Chillers	34,352.00	39,504.00

Note : Above costs are taken from prevailing market price in Sri Lanka.*

APPENDIX C: ARCHITECTURAL DRAWINGS



University of Moratuwa, Sri Lanka.
Electronic Theses & Dissertations
www.lib.mrt.ac.lk

APPENDIX C-1: ACCESS TOWER II BUILDING



University of Moratuwa, Sri Lanka.
Electronic Theses & Dissertations
www.lib.mrt.ac.lk

APPENDIX C-2: CECB PHASE II BUILDING



University of Moratuwa, Sri Lanka.
Electronic Theses & Dissertations
www.lib.mrt.ac.lk