

Part EC – The IECC, as Modified by Chapter Comm 63

TABLE OF CONTENTS

CHAPTER 1 ADMINISTRATION AND ENFORCEMENT.....EC-1

Section

Comm 63 Subchapter I

Purpose, Scope, Application and Compliance.. EC-1

Comm 63 Subchapter II

Changes, Additions or Omissions to the
International Energy Conservation Code

(IECC)..... EC-2

101 Scope and General Requirements..... EC-2

102 Materials, Systems and Equipment EC-2

104 Construction Documents..... EC-4

105 Inspections EC-4

106 Validity EC-4

107 Referenced Standards EC-4

CHAPTER 2 DEFINITIONSEC-5

Section

201 General EC-5

202 General Definitions EC-5

CHAPTER 3 DESIGN CONDITIONS EC-11

Section

301 Design Criteria..... EC-11

302 Thermal Design Parameters EC-11

CHAPTER 4 RESIDENTIAL BUILDING DESIGN BY SYSTEMS ANALYSIS AND DESIGN OF BUILDINGS UTILIZING RENEWABLE ENERGY SOURCES.....EC-13

Section

401 Scope EC-13

402 Systems Analysis..... EC-13

403 Renewable Energy Source Analysis..... EC-16

CHAPTER 5 RESIDENTIAL BUILDING DESIGN BY COMPONENT PERFORMANCE APPROACHEC-19

Section

501 Scope EC-19

502 Building Envelope Requirements..... EC-19

503 Building Mechanical Systems and
Equipment EC-37

504 Service Water Heating EC-40R

505 Electrical Power and Lighting EC-41

CHAPTER 6 SIMPLIFIED PRESCRIPTIVE REQUIREMENTS FOR RESIDENTIAL BUILDINGS, TYPE A-1 AND A-2..... EC-43

Section

601 General EC-43

602 Building Envelope EC-43

603 Mechanical Systems EC-46R

604 Service Water Heating EC-46R

CHAPTER 7 BUILDING DESIGN FOR ALL COMMERCIAL BUILDINGS.. EC-47

Section

701 Scope EC-47

CHAPTER 8 DESIGN BY ACCEPTABLE PRACTICE FOR COMMERCIAL BUILDINGS EC-49

Section

801 Scope EC-49

802 Building Envelope Requirements..... EC-49

803 Building Mechanical Systems EC-60R

804 Service Water Heating..... EC-68

805 Lighting Systems..... EC-68

806 Total Building Performance EC-68

CHAPTER 9 REFERENCED STANDARDS.. EC-71

COMM 63 SUBCHAPTER III BUILDING DESIGN FOR COMMERCIAL BUILDINGS EC-75

Part

1 Application EC-75

2 Definitions..... EC-75

3 Building Envelope EC-79R

4 Equipment and Systems..... EC-88R

5 Lighting Power..... EC-93R

6 Nondepletable Energy Source EC-104

7 System Analysis Design..... EC-104

APPENDIX EC-105R

INDEX EC-113R