ISO 17741:2016-05 (E)

General technical rules for measurement, calculation and verification of energy savings of projects

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Concept of energy savings of a project 5

5 Procedure of M&V of energy savings 6
5.1 General 6
5.2 Logical relationship between the M&V and the project implementation 6

6 Measurement & verification plan (M&V plan) 8
6.1 General 8
6.2 Boundary identification 8
6.3 Determination of baseline period and reporting period 9
6.3.1 General 9
6.3.2 Baseline period 9
6.4 Calculation methods of energy savings 9
6.4.1 General 9
6.4.2 Method I: Direct comparison 10
6.4.3 Method II: Adjusted baseline calculation 11
6.4.4 Method III: Calibrated simulation 12
6.5 Specification of data collection 14
6.6 Uncertainty 15
6.7 Measurement & verification options (M&V options) 17

7 Report 17

Bibliography 18