

ISO 26382:2010-02 (E)

Cogeneration systems - Technical declarations for planning, evaluation and procurement

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Key project information and analysis for evaluation	3
4.1	General	3
4.2	Site conditions and energy demands	3
4.3	Related policies and regulations	5
4.4	CGS planning	5
4.5	System's operational simulation	8
4.6	Planning of comparison with a target comparable to the CGS	9
5	CGS evaluation	9
5.1	Economic evaluation	9
5.2	Energy saving evaluation	10
5.3	Environmental evaluation	11
5.4	Availability and reliability evaluation	11
5.5	Total evaluation	11
5.6	Evaluation procedure	12
6	Primary information and works for CGS procurement	13
6.1	Inquiry phase	13
6.2	Formal procurement	13
Annex A (informative) Typical evaluation procedure for CGS planning		14
Annex B (informative) Typical life-cycle cost analysis		16
Annex C (informative) Typical CGS diagram and flowcharts		17
Annex D (informative) Calculation method for the period of time during which the CGS and the conventional system have equal expenditures		21
Annex E (informative) Calculation method for total profit during the plant life time		23
Annex F (informative) Job classification related to information and works for CGS procurement		24
Bibliography		26