

## SUBMISSION TEMPLATE

# ENE – 1 ENERGY CONSUMPTION

1. Minimum Requirement		YES	NO
A	Are 12 months of historical energy consumption data available?		

2. Municipal Data		*Meter Readings	Municipal Accounts
A	Type of historical data? *please note that meter readings must be accompanied by sign off from utility contractor		

		YES	NO
A	Does this building make use of an alternate energy source?		
B	Does any missing data account for more than 3 months?		
C	Does the 'energy use' include all energy consumption in the building?		

3. Conformance Route		
	Compliance Path 1	GBCSA Benchmarking
	Compliance Path 2	SANS Benchmarking
	Compliance Path 3	Comparable Buildings
	Compliance Path 4	Own Historical Data

## Summary of Required Documents and Information for compliance Paths

Path 1	Path 2	Path 3	Path 4
Required	Required	Required	Required
Benchmark Calc.	Energy Calculator	Energy Calculator	Energy Calculator
12 Month Energy*	12 Month Energy *	24 Month Energy *	36 Month Energy *
Evidence to be supplied upon request	Evidence to be supplied upon request	Evidence to be supplied upon request	Evidence to be supplied upon request
Proof of GLA	Proof of GLA	Proof of GLA	Proof of GLA
Proof of No. Computers	Proof Of Age	Proof of Computer Density	Proof of Occupancy Hours
Proof of No. Occupants	Proof Of Address	Proof of Occupancy Density	Proof of Occupancy Density
Proof of Occupancy Hours		Occupancy Hours	Proof of Computer Density
Proof of Address		Proof of Address	Proof Of Age
		Proof of Age	Proof Of Address
		Proof of Material (Construction)	Proof of Material (Construction)

\*The relevant Municipal Bills/Accounts or Meter readings must be supplied with this document, and all must be in line with the guidelines of the credit. Meter readings must be signed off by utility contractor.

## Compliance Path 1: GBCSA Benchmarking Tool

1. Minimum Requirement		YES	NO
A	Is the building an office building?		

2. <u>GBCSA</u> Energy Benchmarking Score		SCORE
A	Energy benchmarking score achieved? (out of 25)	

Attached a copy of completed GBCSA Energy Benchmarking Calculator

Item	Document Title/ File Name	Description

3. Energy Usage over the Twelve (12) month performance period*					
Month	Date Start	Date End	kWh	Verified* (Y/N)	Utility Bill & or meter reading supplied (Y/N)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

\*The relevant Municipal Bills/Accounts or Meter readings must be supplied with this document, and all must be in line with the guidelines of the credit. \*Energy Consumption claims must be verified against utility bills or meter readings from the utility calculator

- See next page for information to be available on request
- See page 11 and 12 for Additional Points

**Information Available on Request:**

<b>1. Calculator Input Summary</b>	
<b>Input Name</b>	<b>Value</b>
Gross Lettable Area	
Occupancy Hours /Week	
No. of Computers	
No. of Occupants	
Postal Code of Building	

See next page for Compliance Path 2

## Compliance Path 2: SANS Benchmarks

1. <b>Green Star SA – EBP</b> Energy Score		SCORE
A	Energy Score from Existing Building Performance Energy Calculator? (out of 25)	

Attached a copy of completed 'Compliance Path 2' section of the **Green Star SA - EBP** Energy Calculator

Item	Document Title/ File Name	Description

## 2. Energy Usage over the Twelve (12) month performance period\*

Month	Date Start	Date End	kWh	Verified* (Y/N)	Utility Bill & or meter reading supplied (Y/N)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

\*The relevant Municipal Bills/Accounts or Meter readings must be supplied with this document, and all must be in line with the guidelines of the credit. \*Energy Consumption claims must be verified against utility bills or meter readings from the utility calculator

## Information Available on Request:

2. Calculator Input Summary	
Input Name	Value
SANS Building Class	
Gross Lettable Area	
Construction Date	
Postal Code of Building	

➤ See page 11 and 12 for additional points

### Compliance Path 3: Comparable Buildings

1. <b>Green Star SA – EBP</b> Energy Score		SCORE
A	Energy Score from Existing Building Performance Energy Calculator? (out of 25)	

Attached a copy of completed 'Compliance Path 3' section of the **Green Star SA - EBP** Energy Calculator

Item	Document Title/ File Name	Description

### 2. Energy Usage over the Twenty Four (24) month period: Building Seeking Certification (C1)

Month	Date Start	Date End	kWh	Verified* (Y/N)	Utility Bill & or meter reading supplied (Y/N)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

\*The relevant Municipal Bills/Accounts or Meter readings must be supplied with this document, and all must be in line with the guidelines of the credit. \*Energy Consumption claims must be verified against utility bills or meter readings from the utility calculator

**3. Energy Usage over the Twenty Four (24) month period****Comparable Building 1 (C2)**

Building Name:

Month	Date Start	Date End	kWh	Verified* (Y/N)	Utility Bill & or meter reading supplied (Y/N)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

\*The relevant Municipal Bills/Accounts or Meter readings must be supplied with this document, and all must be in line with the guidelines of the credit. \*Energy Consumption claims must be verified against utility bills or meter readings from the utility calculator

**4. Energy Usage over the Twenty Four (24) month period****Comparable Building 2 (C3)**

Building Name:

Month	Date Start	Date End	kWh	Verified* (Y/N)	Utility Bill & or meter reading supplied (Y/N)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

\*The relevant Municipal Bills/Accounts or Meter readings must be supplied with this document, and all must be in line with the guidelines of the credit. \*Energy Consumption claims must be verified against utility bills or meter readings from the utility calculator

**5. Energy Usage over the Twenty Four (24) month period****Comparable Building 3 (C4)**

Building Name:

Month	Date Start	Date End	kWh	Verified* (Y/N)	Utility Bill & or meter reading supplied (Y/N)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

\*The relevant Municipal Bills/Accounts or Meter readings must be supplied with this document, and all must be in line with the guidelines of the credit. \*Energy Consumption claims must be verified against utility bills or meter readings from the utility calculator

- See next page for information to be available on request
- See page 11 and 12 for additional points



**Information Available on Request:****2. Calculator Input Summary**

<b>Input Name</b>	<b>Own Building (C1)</b>	<b>Building #1 (C2)</b>	<b>Building #2 (C3)</b>	<b>Building #3 (C3)</b>	<b>Building #4 (C4)</b>	<b>Allowable Deviation from Applicant</b>	<b>Within Acceptable Range (Y/N)</b>
Gross Lettable Area						20%	
Occupancy Hours						10%	
Occupant Density						10%	
Computer Density							
Construction Material							
Construction Year						5 Years	
Postal Code (i.e. climate zone)						Same	

See next page for Compliance Path 4

### Compliance Path 4: Own Building

Attached a copy of completed 'Compliance Path 4' section of the **Green Star SA** Energy Calculator

Item	Document Title/ File Name	Description

#### 1. Energy Usage over the Thirty Six (36) month performance period:

Month	Date Start	Date End	kWh	Verified* (Y/N)	Utility Bill & or meter reading supplied (Y/N)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					

\*The relevant Municipal Bills/Accounts or Meter readings must be supplied with this document, and all must be in line with the guidelines

#### 4. Calculator Input Summary

Input Name	Value
Gross Lettable Area	
Occupancy Hours /Week	
Occupant Density	
Computer Density	
Construction Density	
Construction Material	
Construction Year	
Postal Code	

of the credit. \*Energy Consumption claims must be verified against utility bills or meter readings from the utility calculator

#### Information Available on Request:

- See page 11 and 12 for additional points

## Additional Points

### 1 Point available

1. Additional Points		YES	NO
A	Has the building shown an improvement in the performance period compared to the previous 12 months?		

If answered YES above, please complete the table below:-

Performance Period Energy Consumption	Preceding Period Consumption	Percentage Difference

2. Energy Usage over the Twelve (12) Month Preceding Period*					
Month	Date Start	Date End	kWh	Verified* (Y/N)	Utility Bill & or meter reading supplied (Y/N)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

\*The relevant Municipal Bills/Accounts or Meter readings must be supplied with this document, and all must be in line with the guidelines of the credit. \*Energy Consumption claims must be verified against utility bills or meter readings from the utility calculator

## Additional Points

### 1 Point available

3. Additional Points		YES	NO
A	Has the building achieved an Energy usage improvement of 10% or more over any 12 month period in the 24 months preceding the performance period? (i.e. from 36 months to 12 months prior to submission).		

If answered YES above, please complete the submission table below:-

Performance Period Energy Consumption	Preceding Period Consumption	Percentage Difference

4. Energy Usage over the Twelve (12) Month Preceding Period*					
Month	Date Start	Date End	kWh	Verified* (Y/N)	Utility Bill & or meter reading supplied (Y/N)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

\*The relevant Municipal Bills/Accounts or Meter readings must be supplied with this document, and all must be in line with the guidelines of the credit. \*Energy Consumption claims must be verified against utility bills or meter readings from the utility calculator

## Statement of Authenticity

I, \_\_\_\_\_, hereby declare that the values/information listed in this submission template are indeed the true values of the applicant building, and additionally, that evidence either proving or rationalising said values can be supplied within 14 days of notification by either GBCSA, or any GBCSA approved third party.

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_