

Name of Building	
Address	
Contact Person	
Email	
Telephone No.	
Facsimile No.	
Tenant Mix*	



Sustainable Development Group (Myanmar) Pte Ltd #03-A Myannigone Plaza Sanchaung Township Yangon, Myanmar Tel: 95 01 525994 info@sdgmyanmar.com www.sdgmyanmar.com

* Please indicate all tenants of the building and the respective levels/areas that they occupy

Building Information (Whole Building)

Type of Building	Factory/ Hotel/ Office/ Mall/ Hospital/ Owned/ Leased yrs						
Building Age (yrs)	Lettable Area (m ² /ft ²)						
No. of Storeys	Air Con Area (m²/ft²)*						
No. of Basements	GFA (m²/ft²)*						
Avg Occupancy (%)	Avg. no. of Occupants						

* Please indicate the respective areas occupied by each tenant where possible

Energy Consumption (Whole Building)

Avg Monthly Electrical Consumption	kWh	
Avg Monthly Electrical Bill	S\$	
Avg Maximum Demand	kW	
Contracted Capacity	kW	
Incoming power supply voltage	V	66kv / 22kv / 6.6kv / 400v / others
Other energy sources	-	Gas / Diesel / Others

Note : Please include all typical sub-metering readings for each area (especially production areas) where possible

Water Consumption (Whole Building)

Avg Monthly Water Consumption	m ³	
Avg Monthly Water Bill	S\$	

Note : Please include water consumption for each area where possible

Air Cooled or Water Cooled Packaged Units

Brand		Model		Qty	Cooling Capacity			
Years of use								
Areas Served								
Airflow rate (CFM)								
Type of Modulating	Valves	On / Off / Mod	ulating / 2-way	/ / 3-way /	Others :			
Type of Motor Drive)	Belt / Direct / o	others					
Motor Brand		Model		Qty	Efficiency	kW		
Room temperature	set point	°C	Room opera	ating tem	perature	°C	%R H	

Building with Non-Central Air-Conditioning System



Average operating power consumption (kW)

No. of units in operation

Operation Schedule

Variable Refrigerant Volume (VRV) Units

Brand			Model		Qty		Cooling Capacity		
Years of	use								
Areas Se	rved								
Airflow ra	ate (CFM)								
Type of Motor Drive Belt / Direct / d				others					
Motor Bra	and		Model		Qty		Efficiency	kW	
Room ter	nperature	set point	°C	Room oper	ating to	emperat	ure	 °C	%RH
Average	operating	oower consu	mption (kW)						
No. of FC	Us in oper	ation			Ор	eration	Schedule		

Fan Coil Units (Split Units)

Brand			Model		Qty		Cooling Capacity			
Туре										
Years of	use									
Areas Se	rved									
Airflow ra	ate (CFM)									
Type of N	lotor Drive	1	Belt / Direct / c	others						
Motor Bra	and		Model		Qty		Efficiency		kW	
Room temperature set point °C			Room operating temperature°C%RH					%RH		
Average	operating p	oower consu	mption (kW)							
No. of FCUs in operation				Op	eration	Schedule				

Energy Management & Control System (EMCS)

Any EMCS installed? If yes, please specify name	Yes / No / Specify
EMCS in operation?	Yes / No / Specify
Type of Flow meters	Magnetic / Vortex / Pedal wheel / others,,,
Type of Temperature sensors	Pt100 / Pt500 / Pt1000 / 10k / 30k / Others
Power meters	Digital power meter / kw transducer / others
Any historical data logging? Interval?	Yes / No / seconds / minutes / hours interval
If manually operated, please explain.	

Note : Please complete where applicable

Building with Non-Central Air-Conditioning System



Lighting Information

Lighting Information	1
Offices	
Floor area (m ²)	
Type / quantity / power rating (kW)	
Operation schedule	
Production Area	
Floor area (m ²)	
Type / quantity / power rating (kW)	
Operation schedule	
Data Centres / Server Rooms	
Floor area (m ²)	
Type / quantity / power rating (kW)	
Operation schedule	
Corridors/ lift lobbies / Reception	
Floor area (m ²)	
Type / Qty / Power rating (kW)	
Operation schedule	
<u>Warehouses</u>	
Floor area (m ²)	
Type / Qty / Power rating (kW)	
Operation schedule	
<u>Staircases</u>	
Floor area (m ²)	
Type / Qty / Power rating (kW)	
Operation schedule	
<u>Toilets</u>	
Floor area (m ²)	
Type / Qty / Power rating (kW)	
Operation schedule	
Carparks / Loading & Unloading Bays	
Floor area (m ²)	
Type / Qty / Power rating (kW)	
Operation schedule	
Building Perimeter (Wall lighting)	
Floor area (m ²)	
Type / Qty / Power rating (kW)	
Operation schedule	
Others – floor area (m ²)	
Type / Qty / Power rating (kW)	



Additional Information

Equipment List & Operating Schedule

If the given formats are not applicable, not enough, or as in additional information, please provide separate *specifications*, equipment lists, daily log sheets and operating schedule of the equipment such as

- 1. Toilet exhaust system, car park supply & exhaust system
- 2. Air heaters for RH control
- 3. Domestic water system & Water fall system
- 4. Cold room & energy recovery system
- 5. hot water & boiler system
- 6. Vertical lift & escalator, etc.

Other Information needed

- 1. Please provide utility bills for past 3 years covering electricity, gas, fuel, oil and water.
- 2. Please advise the utility billing structure (i.e. billing to tenants, etc)
- 3. Please advise the production equipment consumption (kWh) where possible
- 4. Please highlight and advise all 24-hour operation areas
- 5. Please advise any fresh air intake for the building

Building Characteristics

OTTV / ETTV / RTTV of the building	:	/		/	w/m ²			
Window glazing	:	Single / Do	ouble	/ Clear	/ others			
Shading devices	:	Blinds / Curtains / Others		Heat gain from	Windows	w/m ²		
Façade color	:	Grey / White / Yellow / others	rs	% of window a	%			
Roof coating / color	:	Touch-on Membrane / White / Grey / Others						
Adjacent buildings	:	One / Two / Three sides / Others :						
Height of nearby buildings	:	: Higher / Lower / About the same / Varies						

Please make available copies of the followings:

- 1. Architectural drawings and specifications, showing the plan & elevation of the building
- 2. Structural drawings and specifications
- 3. Mechanical & Electrical drawings especially single line electrical drawing, all ducting and piping schematics drawings & schedule of all equipment and specifications.

The above is necessary for the audit team to familiarize themselves with the buildings's configuration, M&E systems and equipment layout, operation and control.

Historical Maintenance / Services

Any upgrading / replacement / overhaul of equipment / building carried out? Please state when & what has been done.

Historical Energy Conversation Measures (ECMs)

Any energy saving measures implementing or already implemented? Please state when & what ECMs were implemented, and investment figures, payback, problems encountered, objectives, etc.

Any change in operating hours / set points / demand? If yes, please indicate the specific dates and times: