

PROJECT ADDRESS & TYPE

Project address		Help notes available
Project name	<input type="text"/>	
Street address	<input type="text"/>	
Suburb	<input type="text"/>	
Post code	<input type="text"/>	
Local Government Area	<input type="text"/>	
Project type		
Separate dwelling house(s) Number of dwellings	<input type="text"/>	Yes
Attached dwelling house(s) Number of dwellings	<input type="text"/>	Yes
Multi-unit building(s) Number of buildings	<input type="text"/>	Yes

PROJECT DETAILS

Site details		Help notes available
Site area (m ²)	<input type="text"/>	Yes
Roof area (m ²)	<input type="text"/>	Yes
Non-residential floor area (m ²)	<input type="text"/>	Yes
Residential car spaces	<input type="text"/>	Yes
Non-residential car spaces	<input type="text"/>	Yes
Unit building details		
For each unit building, gather the following information:		
1. Building name		
2. Number of dwellings in the building		
3. Number of storeys in the building		Yes

Common areas

Yes

For each common area, gather the **floor area** (m²) and **location**.

Common areas available in BASIX are:

1. Indoor swimming pool and/or spa area
2. Gym
3. Carpark
4. Lift motor room
5. Switch room
6. Garbage room
7. Community room
8. Plant or service room
9. Other internal common area
10. Ground floor entrance or lobby types
11. Hallways or lift lobby types

Central systems or facilities

For each central system or facility in your development, gather the **location** of the system/facility. Systems/facilities available in BASIX are:

1. Swimming pool
2. Spa
3. Sauna
4. Lift
5. Central water tank - rainwater or stormwater
6. Central on-site recycled supply
7. Fire sprinkler system
8. Central hot water system
9. Central cooling system
10. Central heating system

Yes

Yes

Yes

Yes

Yes

Dwelling details

For each dwelling in your project, gather the following information:

1. Dwelling number
2. Number of bedrooms
3. Conditioned floor area (m²)
4. Unconditioned floor area (m²)

Yes

Yes

WATER - Central systems and common areas

Complete this section **only** if your development has central systems/facilities or common areas

Common area landscape

Area of lawn (m²)

Area of garden (excluding lawn)
(m²)

Area of indigenous species (m²)

Help notes
available

Yes

Yes

Yes

Alternative water supply

For each **central water tank** (stormwater or rainwater), gather the following information:

Yes

1. Areas diverted to tank
2. Roof area (m²)
3. Impervious area (m²)
4. Garden/lawn area (m²)
5. Planter box area (m²)
6. Tank size (L)
7. Divert overflow from tank?

Yes

For **on-site recycled/alternative water supply**, gather the available daily flow rate in litres per day.

If your development has **reticulated alternative water supply** available, click **Yes' on the page.**

Yes

Alternative water use

For each alternative water supply, describe what water collected will be used for. BASIX collects the following data:

1. Irrigation of common landscape (area in m²)
2. Number of car wash bays
3. Is water used for central cooling system with cooling tower?

Swimming pools and Spas

For each Swimming pool and or Spa, gather the following details:

1. Volume of swimming pool (kL)
2. Volume of spa (kL)
3. Spa Cover? (Yes/No)

Other

For fixtures **common areas**, nominate water ratings:

Showerhead rating	<input type="text"/>
Toilet rating	<input type="text"/>
Taps rating	<input type="text"/>
Clothes washer rating	<input type="text"/>

Yes

For each fire sprinkler systems, select 'Yes' if the test water is diverted to a closed system.

Yes

For each central cooling system with cooling tower, select 'Yes' for the following (if applicable):

1. Private water meter on make-up line connected to BMS? (Yes/No)
2. Conductivity controller installed? (Yes/No)

Yes

Yes

WATER - dwellings

For each dwelling, gather the following information:

Help notes available

1. Total area of garden & lawn (m²)

Yes

2. Area of indigenous species (m²)

Yes

3. Showerhead rating

Yes

4. Toilet rating

5. Kitchen taps rating

6. Bathroom basin taps rating

7. Clothes washer rating (unit building only)

8. Dishwasher rating (unit building only)

9. Alternative water source:

Yes

a. Areas diverted to water tank:

Roof area

Impervious area

Garden/lawn area

Planter box area

b. Tank size in litres

c. Water from tank to be used for:

Toilet? Laundry? Private landscape?

10. Private pool volume (kL)

11. Pool cover

Yes

12. Private spa volume (kL)

13. Spa cover

Yes

THERMAL COMFORT

Details of Accredited Assessor

Assessor number
Certificate number

Does the Assessor Certificate state that one or more dwellings have the required shading to qualify for a cross ventilation bonus?

Yes/No

Help notes available

Yes

Yes

Thermal loads

For each dwelling, gather the following information:

1. Area-adjusted heating load (mJ/m².year)
2. Area-adjusted cooling load (mJ/m².year)

Yes

Yes

ENERGY - central systems

Complete this section **only if** your development has central systems/facilities

Central hot water system

For each system, gather the following information:

1. System type. Select from the list below:

Cogeneration system
Solar - gas boosted
Solar - electric boosted
Electric heat pump - gas boosted
Electric heat pump - air sourced
Gas instantaneous
Gas - fired boiler
Gas - fired storage (manifolded)
Electric instantaneous
Electric storage

2. Solar collector area (solar only) (m²)

3. Piping insulation (ring-main & supply risers):

- a. Piping external to building
- b. Piping internal to building

Help notes available

Yes

Yes

Yes

Central cooling system

For each system, gather the following information:

1. System type. Select from the list below:

- Chilled water fan coiled units
- Water sourced packaged units
- Variable refrigerant volume units

2. Energy source for the system

3. Heat rejection method

4. Unit efficiency

Yes

Yes

Yes

Yes

Central heating system

For each system, gather the following information:

1. System type. Select from the list below:

- Fan coil + heated water
- Fan coil + electric resistance
- Radiators + heated water
- Water source packaged units + heated water
- Water source packaged units + electric resistance
- Variable refrigerant volume units

2. Energy source for the system

3. Unit efficiency

Yes

Yes

Yes

Alternative energy supply

Cogeneration system

Fuel type
Electrical output (kW)
Efficiency of fuel to electricity
conversion (%)

Yes

Yes

Yes

Photovoltaic system

Rated electrical output (peak kW)

--

Yes

Lift systems

For each system, gather the following information:

1. System type. Select from the list below:

- Gearless traction with V V V F motor
- Geared traction with V V A C motor
- Hydraulic

2. Number of levels serviced by the lift (including basement)

Yes

Yes

Swimming pools and Spas

For each pool and spa, gather the following information:

- | | |
|---|-----|
| 1. Pool heating system | Yes |
| 2. Is pool pump controlled by timer? (Yes/No) | Yes |
| 3. Spa heating system | Yes |
| 4. Is spa pump controlled by timer? (Yes/No) | Yes |

Saunas

For each sauna, gather the following information:

- | | |
|--|-----|
| 1. Heating source. Select from the list below: | Yes |
| Electric infrared | |
| Gas | |
| Electric resistance | |
| 2. Efficiency measure | Yes |

Other

- | | | |
|---|-------------------------------------|-----|
| Building management system (BMS) installed? | <input type="text" value="Yes/No"/> | Yes |
| Active power factor correction (PFC) installed? | <input type="text" value="Yes/No"/> | Yes |
| Common area clothes drying line installed? | <input type="text" value="Yes/No"/> | Yes |
| Common area clothes dryer rating | <input type="text" value="Yes/No"/> | Yes |
| Common area clothes washer rating | <input type="text" value="Yes/No"/> | Yes |

ENERGY - common areas

Complete this section **only if** your development has common areas

Ventilation

Help notes available

For each common area, gather the following information:

- | | |
|---|-----|
| 1. Ventilation system type. Select from the list below: | Yes |
| Natural ventilation | |
| Ventilation supply only | |
| Ventilation exhaust only | |
| Ventilation (supply + exhaust) | |
| Air conditioning system | |
| 2. Efficiency measure | Yes |

Lighting

For each common area & lift system, gather the following information:

- | | |
|--|-----|
| 1. Primary lighting system type. Select from the list below: | Yes |
| No artificial lighting | |
| Solar powered | |
| Low-pressure sodium | |
| High-pressure sodium | |
| Metal halide | |
| Compact fluorescent | |
| Fluorescent | |
| Mercury | |
| Halogen | |
| Incandescent | |
| 2. Efficiency measure | Yes |
| 3. Lighting control system/BMS available? (Yes/No) | Yes |

ENERGY - dwellings

For each dwelling, gather the following information:

**Help notes
available**

- | | |
|---|-----|
| 1. Hot water system. Select from previously described central hot water systems or individual systems listed below: | Yes |
| Solar (gas boosted) | |
| Solar (electric boosted + timer) | |
| Solar (electric boosted) | |
| Electric heat pump | |
| Gas instantenous + star rating | |
| Gas storage + star rating | |
| Electric instantenous | |
| Electric storage | |
| 2. Bathroom, kitchen and laundry exhaust system + operation control. Select from types of exhaust systems below: | Yes |
| Natural ventilation | |
| Individual fan, not ducted | |
| Individual fan, ducted to façade or roof | |
| Central ducted | Yes |
| Individual fan into central ducting plus variable speed drive | Yes |
| Motorised damper into central duct plus variable speed drive | |
| 3. Cooling system . Select from previously described central cooling system or individual | Yes |

cooling systems for both **living areas** and **bedrooms** from the list below:

- Ceiling fan
- Evaporative cooling
- Ceiling fan + air conditioner
- 1 phase air conditioner + star rating
- 3 phase air conditioner + EER rating
- Air conditioning ducting only

4. Heating system. Select from previously described **central** heating system or **individual** heating systems for both living areas and bedrooms from the list below:

- Gas fixed flued heater + star rating
- Gas hydronic system
- 1 phase air conditioner + star rating
- 3 phase air conditioner + EER rating
- Air conditioning ducting only
- Electric floor slab
- Other

Yes

Fluorescent lighting

For each dwelling, nominate the rooms that will be primarily lit by fluorescent lighting. For each room specify if the light fitting accept only fluorescent lamps (dedicated fluorescent fitting)

1. Number of bedrooms/study
2. Number of living/dining rooms
3. Kitchen
4. Bathroom/toilets
5. Laundry
6. Hallways

Yes

Natural lighting

For each dwelling, gather the following information:

1. Number of separate bathrooms/toilets naturally lit by either window or skylight.
2. Is kitchen naturally lit by either window or skylight? (Yes/No)

Private swimming pool and spa

For each dwelling, gather the following information:

1. Pool heating system
2. Is pump controlled by timer? (Yes/No)
3. Spa heating system
4. Is pump controlled by timer? (Yes/No)

Yes
Yes
Yes
Yes

Appliances

For each dwelling, gather the following information:

1. Cooktop/oven type. Select from the list below:
 - Gas cooktop & Gas oven
 - Gas cooktop & Electric oven
 - Electric cooktop & Electric oven
2. Is the fridge situated in a well ventilated fridge space? (Yes/No)
3. Refrigerator rating (unit building only)
4. Dishwasher rating (unit building only)
5. Clothes washer rating (unit building only)
6. Clothes dryer rating (unit building only)

Yes

Yes

Other

For each dwelling, gather the following information:

1. Indoor clothes drying line installed? (eg: screened line on balcony, line over bath, etc) (Yes/No)
2. Private outdoor or unsheltered clothes drying line installed? (Yes/No)

Yes
Yes

