

# Exmouth Leisure Centre

Boiler only

ASHP pool & boiler AHU/DHW

ASHP only

- Dedicated room for ASHP (238kW estimated)
- New boilers needed due to age (less kW due to no pool)
- Better BMS required
- Consultant recommended for design
- Electrical supply may require upgrade
- DHW recovery has issues with longer recovery times
- System runs at 75°C so ASHP-only not viable.



# Sidmouth Swimming Pool

Boiler only

ASHP pool & boiler AHU/DHW

ASHP only

- Electrical infrastructure needs upgrading to make ASHP viable
- Dedicated room required for ASHP
- Boilers are new; with ASHP pool boiler becomes oversized, better to use money to upgrade electrics
- BMS suitable to integrate at a later date.
- Consider lowering temperature to 70°C to make future Hybrid viable.



# Honiton Swimming pool

Boiler only

ASHP & Boiler hybrid

ASHP only

- Keep existing boilers - life left and efficient
- integrate ASHP for the whole system due to separate DHW
- BMS to be checked if it can integrate
- System to be run at 70°C to make ASHP worthwhile
- Too high temperatures and lack of space for ASHP only
- Running costs likely too high to go net zero
- Existing Calorex to be checked
- Consultant likely required.



# Flamingo pool

Boiler only

ASHP pool & boiler AHU/DHW6

ASHP only

- New boilers would be more efficient - current boilers are 25+ years old
- Better BMS required
- Replacement or servicing of CALOREX required
- No room to locate ASHP
- Focus should be on running costs (gas still #1 currently)
- Electrical infrastructure required

Flamingo Pool

