**Committee Report No:** 166-2018

**Document Title:** District Heating Strategy 2018-2028

**Document Type:** Strategy

**New/Existing:** New

**Period Covered:** 04/06/2018 - 31/12/2028

**Document Description:**

The District Heating Strategy 2018-2028 sets out a long term vision to support the city's growth and low carbon transition using decentralised energy and provides an evidence base to advance district heating network schemes in Dundee, informing both policy and delivery. It identifies potential district heating networks and sets out an indicative programme of short, medium and long-term network development and interconnections together with a deliverable action plan.

**Intended Outcome:**

The ten year strategy and action plan is the beginning of a long-term objective to develop a city-wide district heating network over the next 20-25 years. It aims to deliver the Council’s strategic objectives in reducing fuel costs, carbon emissions and tackling fuel poverty.

**How will the proposal be monitored?:**

Actions and initiatives within the District Heating Strategy will be monitored via the Council’s Pentana performance database. Individual district heating projects identified within the strategy will be brought back to the Capital Governance Group on a project by project basis with a fully developed business case and report to seek approval for inclusion within future Council Capital Plans

**Author Responsible:**

 **Name:** Bryan Harris

 **Title:** Sustainability and Climate Change Manager

 **Department:** City Development

 **E-Mail:** bryan.harris@dundeecity.gov.uk

 **Telephone:** 01382 434529

 **Address:** Floor 5, 50 North Lindsay Street, Dundee DD11QE

**Director Responsible:**

 **Name:** Mike Galloway

 **Title:** Executive Director of City Development

 **Department:** City Development

 **E-Mail:** mike.galloway@dundeecity.gov.uk

 **Telephone:** 01382 433610

 **Address:** Floor 6, 50 North Lindsay Street, Dundee DD11QE

**A. Equality and Diversity Impacts:**

**Age:**  No Impact

**Disability:**  No Impact

**Gender Reassignment:**  No Impact

**Marriage and Civil Partnership:**  No Impact

**Pregnancy and Maternity:**  No Impact

**Race/Ethnicity:**  No Impact

**Religion or Belief:**  No Impact

**Sex:**  No Impact

**Sexual Orientation:**  No Impact

**Equality and diversity Implications:**

There are no anticipated impacts on equality and diversity.

**Proposed Mitigating Actions:**

Mitigating actions are not required.

**Is the proposal subject to a full EQIA? :** No

There are no anticipated impacts on equality and diversity.

**B. Fairness and Poverty Impacts:**

**Geography**

 Strathmartine (Ardler, St Mary's and Kirkton): Positive

 Lochee(Lochee/Beechwood, Charleston and Menzieshill): Positive

 Coldside(Hilltown, Fairmuir and Coldside): Positive

 Maryfield(Stobswell and City Centre): Positive

 North East(Whitfield, Fintry and Mill O' Mains): Positive

 East End(Mid Craigie, Linlathen and Douglas): Positive

The Ferry: Positive

 West End: Positive

**Household Group**

 Lone Parent Families: Not Known

 Greater Number of children and/or Young Children: Not Known

 Single female households with children: Not Known

 Unskilled workers or unemployed: Not Known

 Serious and enduring mental health problems: Not Known

 Homeless: Not Known

 Drug and/or alcohol problems: Not Known

 Offenders and Ex-offenders: Not Known

 Looked after children and care leavers: Not Known

 Carers: Not Known

**Significant Impact**

 Employment: Positive

 Education and Skills: Positive

 Benefit Advice/Income Maximisation: No Impact

 Childcare: No Impact

 Affordability and Accessibility of services: Positive

**Fairness and Poverty Implications:**

Tackling fuel poverty through the continued development of district heating schemes is identified in the Dundee Fairness Action Plan. The proposed schemes within the District Heating Strategy are targeted towards Dundee's transition to a low carbon future through decarbonising heat; reducing the cost of energy to address fuel poverty; providing long term energy security and creating more resilient communities. These projects will help to underpin fairness and poverty priorities, whether through lower energy costs, improved housing or better air quality. It is therefore expected that positive impacts are likely across all geographical areas of the city.

**Proposed Mitigating Actions:**

No mitigating actions are required.

**C. Environmental Impacts**

**Climate Change**

 Mitigating greenhouse gases: Positive

 Adapting to the effects of climate change: Positive

**Resource Use**

 Energy efficiency and consumption: Positive

 Prevention, reduction, re-use, recovery or recycling waste: Positive

 Sustainable Procurement: Positive

**Transport**

 Accessible transport provision: Not known

 Sustainable modes of transport: Positive

**Natural Environment**

 Air, land and water quality: Positive

 Biodiversity: No impact

 Open and green spaces: Not known

**Built Environment**

 Built Heritage: Not known

 Housing: Positive

**Is the proposal subject to Strategic Environmental Assessment (SEA)**

Through an SEA Screening process and in agreement with the SEA Statutory Consultation Authorities, it has been determined that the proposal is unlikely to have any significant environmental effects as set out in Section 9(3) of the Environmental Assessment (Scotland) Act 2005.

**Proposed Mitigating Actions:**

No mitigating actions are required.

**Environmental Implications:**

The District Heating Strategy supports national targets to decarbonise heating in Scotland by 2050. The projects within the strategy offer opportunities to use renewable and/or low carbon sources of heat including ground source heat pumps, heat from water and sewage, hydrogen fuel cells and energy from waste further decarbonising the city’s energy use, reducing emissions and contributing to an improvement in air quality.

**D. Corporate Risk Impacts**

**Corporate Risk Implications:**

The risk implications associated with the subject matter of this report are 'business as normal' risks. The subject matter is routine and has happened many times before without significant loss. There is comfort that the risks inherent within the activity are either transferred to another party, shared equally and fairly between the Council and another party or are negligible.

**Corporate Risk Mitigating Actions:**

No mitigating actions are required.