

Impact Assessment

Reduction in Street Lighting Energy Costs



13/01/2022

Reference: 8413-4991-6028-5816

Impact Assessments (IA) are a process of assessing how our proposals and decisions might impact upon different types of people and communities and developing proposals in line with relevant legislation.

This is a legal requirement, and ensures the Council considers key legislation, including Equalities, Welsh language, Future Generations, Socio-economic Duty and Risk when developing proposals.

It will also help the Council make the best possible decisions for the people of Powys.

1. Proposal Information

Author name	Shaun James, Senior Manager - Highways Technical & Business Development
Head of service	Matthew Perry, Head of Highways, Transport and Recycling
Portfolio holder	Heulwen Hulme, portfolio holder for Portfolio Holder for Environment
Proposal title	Reduction in Street Lighting Energy Costs
Description of proposal	<p>Street lighting is in general a non-statutory service with some minor exceptions, and therefore the proposal is to reduce the current energy costs (decrease carbon footprint) of £362K by a further £100K. Reductions subject to further investigations could take the form of a combination of:</p> <ul style="list-style-type: none"> County wide part night and/or part night dimming Turning off non-critical lighting <p>Saving delivery relies upon continued capital investment and the renewal programme.</p> <p>It should be noted that the dark sky initiative (brighter futures) raises both the issue of light pollution and carbon footprint; and we do need to recognise such socio-economic trends and changes in people's mindset, priorities and self-awareness.</p>

2. Savings and Consultation requirements

Profile of savings delivery

2021-22	2022-23	2023-24	2024-25	2025-26	2026+	Total savings
£0	£25,000	£25,000	£25,000	£25,000	£0	£100,000

Further information

Reduction in energy costs through the implementation of county wide part night and/or part night dimming, as part of the capital renewal programme.

Consultation requirements

Consultation required?	No
Justification	There is no set or formal consultation, however consultations with Town and Community Councils will be required on a case by case basis as the renewal progresses across the county.

3. Impact on other service areas, geographical areas and data protection

3a. Impact on other service areas

3b. Impact on geographical locations

The entire county

3c. Data protection impact assessment

Will the proposal involve processing the personal details of individuals?	No
Is Powys County Council the data controller?	No
Further information	

4. Impact on Vision 2025

4a. The economy

Impact	None
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4b. Health and care

Impact	None
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4c. Learning and skills

Impact	None
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4d. Residents and communities

Impact	It is considered there will be a perception that there will be a detriment to the social environment especially crime and road safety.
Impact rating	Poor
Mitigation	Town and Community Councils will be consulted on proposals.
Mitigated impact rating	Neutral

4e. Evidence

Experience has demonstrated reduced energy costs and carbon footprint can be achieved.
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5. Impact on well-being goals including Welsh language and equalities

5a. A prosperous Wales

Impact	The carbon footprint will be decreased. The social environment may be impacted upon from service withdrawal / reduction. Procurement of street lighting materials will be via framework.
Impact rating	Neutral
Mitigation	Town and Community Councils will be consulted on proposals.
Mitigated impact rating	Neutral

5b. A resilient Wales

Impact	The carbon footprint will be decreased. Reduction of lighting provision will benefit the natural environment for nocturnal species.
Impact rating	Good
Mitigation	Town and Community Councils will be consulted
Mitigated impact rating	Good

5c. A healthier Wales

Impact	The social environment may be impacted upon from service withdrawal or reduction
Impact rating	Poor
Mitigation	Town and Community councils will be consulted
Mitigated impact rating	Poor

5d. A Wales of cohesive communities

Impact	It is considered there will be a perception that there will be a detriment to the social environment especially crime and road safety.
Impact rating	Poor
Mitigation	Town and Community Councils will be consulted
Mitigated impact rating	Poor

5e. A globally responsible Wales

Impact	The carbon footprint will be decreased.
Impact rating	Good
Mitigation	Not specified

5f. A Wales of vibrant culture and thriving Welsh language

Using Welsh

Impact	None
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Promoting Welsh

Impact	None
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Sports, Art & Recreation

Impact	None
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5g. A more equal Wales

Age

Impact	It is considered that a reduction of streetlighting may likely have greater impact on the vulnerable.
Impact rating	Poor
Mitigation	Town and Community Councils will be consulted.
Mitigated impact rating	Poor

Disability

Impact	It is considered that a reduction of streetlighting may likely to have greater impact on those with a disability.
Impact rating	Poor
Mitigation	Town and Community Councils will be consulted.
Mitigated impact rating	Poor

Gender Reassignment

Impact	None
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Marriage or Civil Partnership

Impact	None
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Race

Impact	None
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Religion or Belief

Impact	None
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Sex

Impact	None
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Sexual Orientation

Impact	None
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Pregnancy and Maternity

Impact	None
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Socio-economic Duty

Impact	None
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5h. Evidence

Previous experience

6. Impact on key guiding principles & workforce

6a. Sustainable development principles

Long-term

Impact	It is considered the perception will be that there will be a detriment to the social environment especially crime and road safety. There are though significant longer-term benefits in reducing the carbon footprint.
Impact rating	Poor
Mitigation	Town and Community Councils will be consulted
Mitigated impact rating	Poor

Collaboration

Impact	None
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Involvement (including Communication and Engagement)

Impact	Town and community councils will be consulted as and when required
Impact rating	Neutral
Mitigation	Not specified

Prevention

Impact	It is considered that the perception will be that there will be a detriment to the social environment especially crime and road safety.
Impact rating	Poor
Mitigation	Town & Community Councils will be consulted
Mitigated impact rating	Poor

Integration

Impact	None
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6b. Impact on the workforce

Impact	None
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6c. Impact on payroll

Impact	None
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6d. Welsh language impact on staff

Impact	None
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6e. Impact on apprenticeships

Impact	None
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6f. Evidence

Previous experience

7. Likelihood and risks

Risk 1

Description	It is considered that the perception will be that there may be a detriment to the social environment especially crime and road safety.				
Likelihood score	3	Impact score	2	Risk rating	6.0
Mitigation	Town and community councils will be consulted as and when required				
Residual likelihood score	3	Residual impact score	2	Residual risk rating	6.0

8. Overall summary and judgement

Outline assessment

The proposal may have a minor impact on some residents and communities.	
Cabinet reference	

9. Additional evidence

None

10. Ongoing monitoring arrangements and governance

Monitoring arrangements

Energy Usage

Review date

10/12/2025

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