

**QUANTIFICATION PROTOCOL FOR  
WASTE HEAT RECOVERY PROJECTS:**

*Technical and Policy Issue Summary*

Submitted to:

Alberta Environment

and

Alberta Agriculture, Food and Rural Development

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## ***Background***

In conjunction with the development of the protocol document, a listing of key technical and policy issues were tracked for discussion as part of the technical and stakeholder review processes. The following document provides a listing of the key issues for discussion. Many of the issues have both a technical and policy component and are listed under both sections, as required.

### ***Summary of Technical Issues***

The following technical issues may be considered as part of the technical and stakeholder review processes:

- Are the project and baseline configurations sufficiently broad as to capture extent of waste heat recovery projects?
- Are the project and baseline configurations too broad such that there is a risk of over-estimating the emission reductions achieved?
- Is the aggregation method for fuel use on-site practical?
- Are the calculations of equivalent heat load sufficiently precise?
- Are the emission factors for fuel extraction and processing sufficient?

### ***Summary of Policy Issues***

The following policy issues may be considered as part of the technical and stakeholder review processes:

- Are the project and baseline configurations sufficiently broad as to capture extent of waste heat recovery projects?
- Are the project and baseline configurations too broad such that there is a risk of over-estimating the emission reductions achieved?
- Is it appropriate to capture the emission reductions from fuel extraction and processing given that this is an energy efficiency type project?