



# Filing Manual – s. A.3.1 Supply

## Goal

The application includes information indicating that there is or will be adequate supply to support the use of the pipeline, taking into account all potential supply sources that could reasonably be expected to be sourced by the applied-for facilities over their expected economic life.

## Filing Requirements

Provide:

1. a description of each ~~commodity~~product to be transported (e.g., crude oil, natural gas, or NGL);
2. a discussion of all potential supply sources and their competitiveness in the markets they will supply;
3. a forecast of the productive capacity for each ~~commodity~~product over the economic life of the facilities; and
4. for pipelines with contracted capacity, a discussion of the contractual arrangements underpinning the supply.

## Guidance

~~When determining what level of~~ Given the abundant supply ~~information to provide, be aware that the~~ Commission of hydrocarbons in North America, the CER must be satisfied ~~that~~ there is, or will be, ~~an~~ adequate, competitive supply available to the pipeline such that the applied-for facilities could be expected to be used at a reasonable level over their economic life and would be in the public interest.

The level of detail in the supply information would normally correspond to:

- the projected increase in capacity or throughput;
- the nature and complexity of the supply source; and
- the potential impact on the public interest, commercial or otherwise.

Generally, the greater the projected increase in capacity or throughput, the greater the amount of supply information that would be required. Additional information might be required for proposed projects that have a larger potential impact on third parties or the environment to demonstrate that the project is in the public interest.



### Commodity**Product** Description

Describe each commodity**product** that would be affected**transported** by the applied-for facilities. Adhere to the guidelines for describing commodities**products** provided in s.Section 1.10 – Measurement, Conversion**Conversion** Factors and Commodity Description.

### Resources

Describe each current and potential supply source that the applied-for facilities are relying upon, including the methodology**methods** used to derive these**any** estimates of resource potential, if provided.

### Competitiveness

Describe the economic competitiveness of the supply source. Compare the competitiveness of the supply source and other sources supplying the same downstream markets. Consider how climate policy might affect competitiveness (see Filing Manual Table A-4 for more guidance).

### Productive Capacity

Forecast the current and future production over the economic life of the project. Include forecasts from:

- the various supply sources; and
- conventional and unconventional production as well as production from other basins that could be sourced.

Clearly describe the sources for and the methodology**methods** used to derive the forecasts. Consider how climate policy might affect productive capacity (see Filing Manual Table A-4 for more guidance).

Data for any tables and charts should be provided in machine-readable format.

### Contractual Arrangements

For pipelines with contracted capacity, include a description of any relevant contractual arrangements underpinning the supply arrangements. Also include key contractual terms such as length of contract and volumes under contract, where available.



# Filing Manual – s. A.3.3 Markets

## Goal

The application includes information indicating that adequate markets exist for the incremental volumes that would be available to the marketplace as a result of the applied-for facilities.

## Filing Requirements

Provide:

1. an analysis of the market in which each ~~commodity product~~ is expected to be used or consumed; ~~and~~
2. a discussion of the physical capability of upstream and downstream facilities to accept the incremental volumes that would be ~~received and delivered;~~; ~~and~~
3. an indication of whether the proposed pipeline relies on, or joins with, any other proposed facilities or facilities which have been approved but not yet brought into service.

## Guidance

Information on markets is required to ~~assure the Commission demonstrate~~ that there is sufficient demand to absorb the incremental volumes and, where applicable, physical capability in the upstream and downstream facilities ~~to accept for~~ the incremental volumes. Where long-term transportation and downstream arrangements are in place, the required market information will be more general in nature; but must be adequate to allow the Commission to determine whether ~~the~~ market demand will be sufficient to support the economic feasibility of the pipeline.

The level of detail will correspond to:

- the magnitude of the incremental volumes that would be delivered into the market;
- the degree of competition from other supply areas and from other fuels in the market to be served; and
- the potential impact on the public interest, commercial or otherwise.

~~Generally, the~~ The greater the projected increase in volumes delivered to the marketplace, the greater the amount of market information that would be required. Proposed projects that have a larger potential impact on third parties or the environment may require filing additional information to demonstrate that the project is in the public interest.

## Description of the Market

Describe the market(s) that will receive the ~~commodity product or products~~, including;:



detailed information about where ~~applicable~~:

- ~~where~~ the ~~commodity~~product or products could be delivered (e.g., specific gas hubs or designated ~~refinery~~refineries);
- the potential competition to serve the market ~~or the market areas(s)~~ from other
  - pipelines;
  - energy sources; ~~and~~
- transportation systems; and
- how climate policy might affect the market's demand for the product or products (see Filing Manual Table A-4 for more guidance).

The data for any charts and tables should be provided in machine-readable format.

### **Ability of Upstream and Downstream Facilities to Accept Incremental Volumes**

In cases where the applied-for facilities would be receiving ~~a commodity or commodities~~product(s) from an upstream facility or delivering product(s) to a ~~downstream facility~~facilities, provide assurance evidence that the connecting ~~facility is~~facilities are physically able to accept the additional volumes being received or delivered.

~~In addition to the filing guidance contained above, Applicants are to note that as of 1 January 2008, the British Columbia Oil and Gas Commission (OGC) put into effect requirements for the measurement and metering of fluids on pipelines entering or leaving the Province of British Columbia as outlined in the Chapter 7 Cross Border Measurement. Companies should determine whether any of their CER-regulated facilities handle BC production and fall within these provincial measurement requirements for such production.~~

If this project relies on, or joins, with other proposed projects or projects which have been approved but not yet built, confirm there would be sufficient upstream and downstream pipeline capacity for this project if the other project(s) were not to proceed. For example, discuss for the proposed facilities and any other facilities:

- the capacity;
- current and incremental contracted volumes;
- current summer/winter capabilities and projected flows;
- a schematic linking other projects to this project (new, approved but not yet built, or proposed expansions/extensions) that have common connections, including related pipelines and shared facilities.



Table A-54: Overview of Supply, Transportation and Markets Filing Requirements

| Table A-5: Overview of Supply, Transportation and Markets Filing Requirements |  |  |  |   |   |
|---|--|--|--|---|---|
| Scope of Project  | Commodity Source Type  | Supply   | Transportation   | Markets   |   |
| <p>Major Project</p>  | <p>Basin-wide supply source (e.g., a mainline transmission line not dedicated to a specific supply area)</p> | <p>Resources:</p> <ul style="list-style-type: none"> <li>• <del>Table with estimates</del> Description of conventional and/or unconventional resources. <del>Table should include estimates of discovered and undiscovered available to the proposed project.</del></li> <li>• <u>Description of the sources and methods used to derive resource estimates, if any.</u></li> </ul> <p>Competitiveness:</p> <ul style="list-style-type: none"> <li>• <u>Description of economic competitiveness of the resources listed above.</u></li> </ul> <p>Productive Capacity:</p> <ul style="list-style-type: none"> <li>• Description of the sources and <del>the estimates</del> <u>methodology methods</u> used to derive these estimates.</li> </ul> <p>Contractual Arrangement(s):<br/>A detailed description of the contractual arrangements.</p> | <p>New Pipeline (larger project)</p> <p>Pipeline Capacity:</p> <ul style="list-style-type: none"> <li>• Total capacity of the pipeline.</li> <li>• Justification that pipeline capacity is appropriate.</li> </ul> <p>Contractual Arrangement(s):</p> <ul style="list-style-type: none"> <li>• Pipelines with contracted capacity: a detailed description of the transportation contract arrangements underpinning the projected throughput.</li> <li>• <u>Other: forecast of projected throughput by commodity product, receipt location and delivery point.</u></li> <li>• <u>Evidence that upstream facilities are physically able to deliver incremental volumes.</u></li> </ul> | <p>More shippers</p>  | <p>Comprehensive market analysis with justification that incremental or new volumes will be absorbed.<br/>Evidence that downstream facilities are physically able to receive incremental volumes.</p> |
|   |  | <p>Expansion (larger project)</p> <p>Pipeline Capacity:</p> <ul style="list-style-type: none"> <li>• Before expansion.</li> <li>• Incremental capacity added and total capacity following expansion.</li> <li>• Justification that the additional capacity is appropriate.</li> </ul> <p>Contractual Arrangement(s):</p> <ul style="list-style-type: none"> <li>• Pipelines with contracted capacity: a detailed description of the transportation contract arrangements underpinning the projected throughput.</li> <li>• <u>Other: forecast of projected throughput by commodity product, receipt location and delivery point.</u></li> <li>• <u>Evidence that upstream facilities are physically able to deliver incremental volumes.</u></li> </ul>  | <p>Fewer shippers</p>  | <p>Comprehensive market description and assurance of demand for incremental volumes.<br/>Assurance that downstream facilities are physically able to receive incremental volumes.</p> |   |
|   | <p>Localized Regional resource supply source (e.g.,</p>  | <p>Resources:</p> <ul style="list-style-type: none"> <li>• <del>Table with estimates of discovered</del> <u>Description of conventional and undiscovered unconventional</u></li> </ul>   | <p>New Pipeline (smaller/larger project)</p> <p>Pipeline Capacity:</p> <ul style="list-style-type: none"> <li>• Total capacity of the pipeline.</li> <li>• Justification that <del>the</del> pipeline capacity is appropriate.</li> </ul> <p>Contractual Arrangement(s):</p>   | <p>Fewer/More shippers</p>  | <p><del>Market description and assurance of demand for</del> <u>Comprehensive market analysis with justification that</u></p>   |



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|------------------|---|--|---|---|--|--|
| Local Connection | <p><u>part of a gathering system transmission extension or expansion in new or growing supply area</u>)</p> | <p>resources <u>and table of resource estimates</u>.</p> <ul style="list-style-type: none"> <li>Description of the sources and <u>methodology methods</u> used to derive the estimates.</li> </ul> <p><u>Competitiveness:</u></p> <ul style="list-style-type: none"> <li>Description of economic <u>competitiveness of the resources listed above, including in downstream markets</u>.</li> <li>Description of the sources and <u>methods used to derive economic assessments, if any</u>.</li> </ul> <p>Productive Capacity:</p> <ul style="list-style-type: none"> <li>Table and graph providing productive capacity estimates for each of the resources listed <u>for above over the economic life of the project</u>.</li> <li>Description of the sources and <u>methodology methods</u> used to derive these estimates.</li> </ul> <p>Contractual Arrangement(s):</p> <ul style="list-style-type: none"> <li>A <u>detailed description of any relevant supply the contractual arrangements</u>.</li> </ul> |   | <ul style="list-style-type: none"> <li>Pipelines with contracted capacity: <u>evidence a detailed description</u> of the transportation contract arrangements underpinning the projected throughput.</li> <li>Other: forecast of projected throughput by <u>commodity product</u>, receipt location and delivery point.</li> <li><u>Evidence that upstream facilities are physically able to deliver incremental volumes</u>.</li> </ul>  |  | <p>incremental <u>or new</u> volumes <u>will be absorbed</u>.</p> <p><u>Assurance Evidence</u> that downstream facilities are physically able to receive incremental volumes.</p>                                |
|                  |   |  | <p>Expansion (smaller <u>larger</u> project)</p>  | <p>Pipeline Capacity:</p> <ul style="list-style-type: none"> <li>Before expansion.</li> <li>Incremental capacity added and total capacity following expansion.</li> <li>Justification that the additional capacity is appropriate.</li> </ul> <p>Contractual Arrangement(s):</p> <ul style="list-style-type: none"> <li>Pipelines with contracted capacity: <u>evidence a detailed description</u> of the transportation contract arrangements underpinning the projected throughput.</li> <li>Other: forecast of projected throughput by <u>commodity product</u>, receipt location and delivery point.</li> <li><u>Evidence that upstream facilities are physically able to deliver incremental volumes</u>.</li> </ul> | <p>No third party <u>Fe</u>wer shippers</p>                | <p><u>Assurance Comprehensive market description and assurance</u> of demand for incremental volumes.</p> <p><u>Assurance that downstream facilities are physically able to receive incremental volumes</u>.</p> |
|                  | <p><u>Localized supply source (e.g., part of a gathering system)</u></p>                                    | <p><u>Resources:</u></p> <ul style="list-style-type: none"> <li>Table with resource estimates.</li> <li>Description of the sources and <u>methods used to derive the estimates</u>.</li> </ul> <p><u>Competitiveness:</u></p> <ul style="list-style-type: none"> <li>Description of economic <u>competitiveness of the resources listed above</u>.</li> <li>Description of the sources and <u>methods used to derive economic assessments, if any</u>.</li> </ul> <p><u>Productive Capacity:</u></p> <ul style="list-style-type: none"> <li>Table and graph providing productive capacity estimates for each of the resources listed for the economic life of the project.</li> </ul>  | <p>New Pipeline (smaller project)</p>   | <p><u>Pipeline Capacity:</u></p> <ul style="list-style-type: none"> <li>Total capacity of the pipeline.</li> <li>Justification that the pipeline capacity is appropriate.</li> </ul> <p><u>Contractual Arrangement(s):</u></p> <ul style="list-style-type: none"> <li>Pipelines with contracted capacity: <u>evidence of the transportation contract arrangements underpinning the projected throughput</u>.</li> <li>Other: forecast of projected throughput by <u>product, receipt location and delivery point</u>.</li> <li><u>Evidence that upstream facilities are physically able to deliver incremental volumes</u>.</li> </ul>  | <p>Fewer shippers</p>                                      | <p><u>Market description and assurance of demand for incremental volumes</u>.</p> <p><u>Assurance that downstream facilities are physically able to receive incremental volumes</u>.</p>                         |
|                  |   | <p>Expansion (smaller project)</p>   | <p><u>Pipeline Capacity:</u></p> <ul style="list-style-type: none"> <li>Before expansion</li> </ul> | <p>No third party shippers</p>  | <p><u>Assurance of demand for incremental volumes</u>.</p> |  |



|                     |  |  |  |   |  |  |
|---------------------|--|--|--|---|--|--|
|                     |  | <ul style="list-style-type: none"> <li><u>Description of the sources and methodology used to derive these estimates.</u></li> <li><u>Contractual Arrangement(s):</u></li> <li><u>A description of any relevant supply arrangements.</u></li> </ul> |  | <ul style="list-style-type: none"> <li><u>Incremental capacity added and total capacity following expansion.</u></li> <li><u>Justification that the additional capacity is appropriate.</u></li> <li><u>Contractual Arrangement(s):</u></li> <li><u>Pipelines with contracted capacity: evidence of the transportation contract arrangements underpinning the projected throughput.</u></li> <li><u>Other: forecast of projected throughput by product, receipt location and delivery point.</u></li> </ul> |  |  |
| Change in commodity | Supply information is appropriate to the scope of the project, as above. | When more than one commodity: Discussion pertaining to segregation of commodities and potential contamination issues or costs.   |  | Market information is appropriate to scope of the project, as above.  |  |  |

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