



Request for Proposal – An Assessment of Geothermal Resources in Offshore Nova Scotia

POSTED APRIL 24, 2020

Please note no further Q&A will be posted for this RFP, which closes May 1, 2020 5 pm ADT

1. Does the data (hard copies) reside in Stellarton or Halifax?

GSC reports are available in a digital format; visiting Stellarton will not be required for this project. Seismic data and interpretation projects are in digital form as well and will be made available to the successful proponent for the duration of the project once the RFP is awarded and appropriate confidentiality agreements are signed.

Petroleum exploration reports, if available, are mostly in digital form and can be provided as needed (excluding seismic data and interpretations).

Petroleum well data are in digital form as open data available at:

NSDOE OFR 2017-08 Schedule of Petroleum Wells, Onshore Nova Scotia

- [Schedule of Petroleum Wells, onshore Nova Scotia - Part 1 - Cape Breton region.pdf 3,168 KB](#)
- [Schedule of Petroleum Wells, onshore Nova Scotia - Part 2 - Cumberland region.pdf 4,045 KB](#)
- [Schedule of Petroleum Wells, onshore Nova Scotia - Part 3 - Windsor region.pdf 3,168 KB](#)
- [Disclaimer.txt 2 KB](#)

NSDOE OFR 2017-09 Preliminary petroleum well log database, onshore Nova Scotia

- [Preliminary petroleum well log database, onshore Nova Scotia - Part 1 - Cape Breton region.zip \(LAS files\) 4,724 KB](#)
- [Preliminary petroleum well log database, onshore Nova Scotia - Part 2 - Cumberland region.zip \(LAS files\) 15,773 KB](#)
- [Preliminary petroleum well log database, onshore Nova Scotia - Part 3 - Windsor region.zip \(LAS files\) 43,353 KB](#)
- [Disclaimer.txt 2KB](#)

NSDOE OFR 2017-10 Preliminary petrophysics database, onshore Nova Scotia

- [Preliminary petrophysics database, onshore Nova Scotia - Part 1 - Outcrop Data.pdf 527 KB](#)
- [Preliminary petrophysics database, onshore Nova Scotia - Part 2 - Well Data.pdf 568 KB](#)
- [Supporting notes.pdf 81 KB](#)
- [Disclaimer.txt 2 KB](#)

2. What staffing support, access and assistance will the Province provide in data retrieval and compilation particularly with the COVID 19 crisis

Please see the response to question 1. The Province has digital versions of various reports associated geothermal investigations in Nova Scotia (mainly by the Geological Survey of Canada and available by searching GeoScan) and can provide these to the successful proponent. The Province can also provide a GIS compilation of available relevant spatial data if needed. Nova Scotia Petroleum Resources Division will provide contact person(s) familiar with available data and reports who can provide advice and access to needed reports throughout the project.

3. What assistance will the Province provide with GIS compilation?

The Province can provide a GIS compilation of relevant data that is already available in a spatial format as specified in the table 'Geological Reports and Data' of the RFP.

4. Do you know how extensive the databases listed in the RFP are, well records, seismic lines etc.?

There are about 30 'deep boreholes' (150 m – 4500 m) with available temperature information. Where 'partially digitized' is noted in the RFP table, it indicates that for deep boreholes we have recorded only the location, depth and usually the bottom temperature, but detailed temperature profiles (if available) and other data may be found in the original reports.

The Schedule of Petroleum wells and data is available in the links to answer 1 above. Additionally, the seismic database can be viewed via:

NSDOE OFR 2017-11 Navigation data for 2D Seismic lines, onshore Nova Scotia

- [Navigation data for 2D seismic lines, onshore Nova Scotia - Part 1 - Cape Breton region.zip \(shapefile\) 1051KB](#)
- [Navigation data for 2D seismic lines, onshore Nova Scotia - Part 2 - Cumberland region.zip \(shapefile\) 1909 KB](#)
- [Navigation data for 2D seismic lines, onshore Nova Scotia - Part 3 - Windsor region.zip \(shapefile\) 274 KB](#)
- [Disclaimer.txt 2KB](#)

All lines in NSDOE OFR 2017-11 have SEG Y versions of some vintage (e.g., original or derived from paper scans). As noted above, these databases can be made available to the successful proponent for the duration of the project once the RFP is awarded and necessary confidentiality agreements are in place.

5. How much of the data are paper copies?

There may be some data in paper reports, but the presence or relevance of such is uncertain and incomplete at this time. For the purposes of this RFP, initial project data and reports will be in GIS, spreadsheet, or PDF type documents (i.e., all digital according to a broad definition of digital). Partial compilation means the proponent will not be starting from scratch in most cases. But, certainly, additional compilation of thermal and related data in provided PDF-type documents may need to be a step of this project if identified data is central.