

From: "Dolman, Ben" <Ben.Dolman@TREASURY.GOV.AU>
Subject: RE: Access to GTEM [SEC=UNCLASSIFIED]
Date: 19 October 2011 3:48:39 PM AEDT
To: "bfisher@baeconomics.com.au" <bfisher@baeconomics.com.au>

Dear Brian

Thank you for your email of 18 September regarding access to GTEM. Since the time of your email, Meghan Quinn has taken leave from the Treasury and asked me to respond on her behalf.

The GTEM model encompasses four components: model code, database, exogenous assumptions including scenario design assumptions; and software. The access arrangements for the GTEM model differ across the four components reflecting intellectual property and licensing arrangements.

- The intellectual property of the GTEM model code rests with the Australian Bureau of Agricultural and Resource Economics and Sciences (ABARES) within the Commonwealth Government. Treasury worked with ABARES during the 2008 climate change mitigation modelling exercise and more recently. As you know, a version of the GTEM model code was released in 2000 and documentation for the GTEM model code was released in 2007; both are available free of charge from the ABARES website. In undertaking the 2008 and 2011 climate change mitigation modelling, further refinement was made to the GTEM model.
- The underlying GTEM database is a joint product of ABARES and the Global Trade and Analysis Project (GTAP). Release of the GTEM model database is therefore subject to licensing arrangements being made for the GTAP component.
- The exogenous assumptions used in the 2008 and 2011 climate change mitigation modelling exercises are explained in detail in the two published modelling reports, *Australia's Low Pollution Future* and *Strong Growth, Low Pollution*.
- The software required to use the GTEM model is available for purchase from Monash University.

Any request for further information associated with the GTEM model is a matter for government, subject to licensing arrangements in the case of GTAP, and should be directed to the Deputy Prime Minister.

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Senate Economics Legislation Committee
Supplementary Budget Estimates 2011-12
19-20 October 2011

Tabled Document No 7

By: *Senator Boswell*

Time/Date: *12.55, 20/10/11*

From: Fisher Brian [mailto:bfisher@baeconomics.com.au]
Sent: Sunday, 18 September 2011 12:15 PM
To: Quinn, Meghan
Subject: Access to GTEM

Dear Megan,

Following your advice to the Senate Select Committee on the Scrutiny of New Taxes inquiry into Carbon Pricing Mechanisms on Wednesday 10 August 2011 that it was possible to obtain a copy of the version of GTEM used in the Treasury modelling of the carbon tax/emissions

trading scheme I approached Dr Sheales in ABARES for a copy. I understand that Dr Sheales has been in touch with you. Dr Sheales indicated to me that ABARES does not have the version of the model used for either the 2008 or the most recent analysis.

Could you let me know whether the model, together with the relevant assumptions and data is in fact available for release? In case there is a concern that Treasury would not be able to release the model to me because of software licensing requirements I have current licences for all the relevant GEMPACK software and GTAP licences. I am of course prepared to pay the fee to obtain the model as I think there was some mention of a fee during the Senate discussion.

All the best, Brian.

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