

s22

---

**From:** s22  
**Sent:** Friday, 4 December 2020 12:19 PM  
**To:** s22  
**Subject:** RE: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

Thanks so much s22 😊

OFFICIAL

---

**From:** s22  
**Sent:** Friday, 4 December 2020 12:18 PM  
**To:** s22 ; s22 ; s22  
**Cc:** s22 ; s22 ; s22 ; Johnston, Chris  
**Subject:** RE: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

Thanks s22 , and all who contributed. Cleared with a few minor comments

OFFICIAL

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**From:** s22  
**Sent:** Friday, 4 December 2020 12:01 PM  
**To:** s22 ; s22 ;  
s22 >  
**Cc:** s22 ; s22 ; s22  
**Subject:** RE: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

Thanks s22 ,

Yes, this is the correct link: [final submission Doc](#)

We are planning to send this to s22 at around 1:30pm.

s22 , apologies for the short notice, would you be able to clear this document before then?

Many thanks

s22

OFFICIAL

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**From:** s22  
**Sent:** Friday, 4 December 2020 11:12 AM  
**To:** s22 ; s22  
**Cc:** s22 ; s22 ; s22 ; s22  
**Subject:** RE: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

Hi s22

See attached our updated Table with only *emissions* s33(a)

For Kushla's & s22 benefit – s22 would like to clear the [final submission Doc](#) (is this still the correct link?).

Thanks again for the calls & for talking us through 😊

Kind regards  
s22

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OFFICIAL

**From:** s22  
**Sent:** Thursday, 3 December 2020 2:04 PM  
**To:** s22 ; s22  
**Cc:** s22 ; s22 ; s22  
**Subject:** Re: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

Hi s22 ,

Thank you for your input and yes, this submission will be public.

Cheers,

s22

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OFFICIAL

**From:** s22 s22  
**Date:** Thursday, 3 December 2020 at 2:00:23 pm  
**To:** s22 s22 , s22  
**Cc:** s22 s22 , s22 , s22  
**Subject:** RE: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

Hi s22

In support of Request #2 – see attached.

I wanted to call also to check whether the submissions will be made publicly available?

Apologies for the belated reply 😊

Kind regards  
s22

s22

s22

Department of Industry, Science, Energy and Resources | [www.industry.gov.au](http://www.industry.gov.au)

Supporting economic growth and job creation for all Australians

---

OFFICIAL

**From:** s22

**Sent:** Thursday, 3 December 2020 1:10 PM

**To:** s22 ; s22

**Cc:** s22 ; s22 ; s22

**Subject:** RE: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

Hi s22 ,

We've got s22 input, thanks.

s22

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OFFICIAL

**From:** s22

**Sent:** Thursday, 3 December 2020 1:08 PM

**To:** s22

**Cc:** s22 ; s22 ;

s22 ; s22

**Subject:** RE: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

Hi s22

s22 mentioned she input to Request #1 yesterday – did you get that?

s33(a)

We won't be much longer 😊

Kind regards

s22

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OFFICIAL

**From:** s22

**Sent:** Thursday, 3 December 2020 11:28 AM

**To:** s22 ; s22

**Cc:** s22 ; s22

**Subject:** FW: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

Hi s22 ,

I've just been on the phone with s22 , and she let me know that you two are the people to talk to in your team as she and s22 are both offline this week attending late-night UN meetings.

Apologies for the very last notice but we have two requests for you with extremely short turnaround times – **we need this information by 1pm today** at the latest so that we can meet our submission deadlines.

**Request #1** – is outlined in the e-mail below we sent to s22 yesterday afternoon, all the details should be included there.

**Request #2** – relates to an OECD Comparison table that your team apparently has that compares emissions reductions from 2005 until now. This information has been specifically requested by the Committee receiving our submission, and we want it to support a statement currently included in the submission to the effect of ‘Australia’s emissions reductions compare favourably to similar countries, like Canada and NZ’.

Thank you for your assistance. I’m happy to discuss further if you need any more information.

Regards,  
s22

s22

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OFFICIAL

**From:** s22  
**Sent:** Wednesday, 2 December 2020 5:12 PM  
**To:** s22 ; s22  
**Cc:** s22 ; s22  
**Subject:** Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

s22

Regards,  
s22

s22

s22

s22

---

**From:** s22  
**Sent:** Friday, 4 December 2020 10:55 AM  
**To:** s22  
**Cc:** s22 ; s22  
**Subject:** RE: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

s22

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OFFICIAL

**From:** s22  
**Sent:** Friday, 4 December 2020 10:46 AM  
**To:** s22  
**Cc:** s22 ; s22  
**Subject:** RE: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

s22

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OFFICIAL

**From:** s22  
**Sent:** Friday, 4 December 2020 10:14 AM  
**To:** s22  
**Cc:** s22 ; s22  
**Subject:** RE: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

s22

Kind regards  
s22

---

OFFICIAL

**From:** s22  
**Sent:** Friday, 4 December 2020 9:46 AM  
**To:** s22  
**Cc:** s22 ; s22  
**Subject:** RE: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

Can I see what that looks like, please?

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OFFICIAL

**From:** s22  
**Sent:** Friday, 4 December 2020 9:31 AM  
**To:** s22  
**Cc:** s22 ; s22  
**Subject:** RE: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

Hi s22

I just spoke to Daniela – s33(a)

She is happy for us to remove all other analyses.

Kind regards  
s22

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OFFICIAL

**From:** s22  
**Sent:** Friday, 4 December 2020 7:37 AM  
**To:** s22 ; s22  
**Cc:** s22  
**Subject:** Re: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

s33(a)

- - -

s22

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OFFICIAL

**From:** s22  
**Date:** Thursday, 3 December 2020 at 8:57:26 pm  
**To:** s22 , s22  
**Cc:** s22  
**Subject:** Re: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

s33(a)

Daniela was later asked by Helen Bennett (I'm assuming during her clearance) on our rationale behind this - s33(a)

I'll touch base again with s22 tomorrow morning to see how she went.

I hope that helps :)

Kind regards  
s22

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OFFICIAL

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**From:** s22  
**Date:** Thursday, 3 December 2020 at 7:29:01 pm  
**To:** s22  
**Cc:** s22, s22  
**Subject:** RE: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

Thanks s22 – can we triple check how this information would be used and why we're including it. Thanks.

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OFFICIAL

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**From:** s22  
**Sent:** Thursday, 3 December 2020 7:10 PM  
**To:** s22  
**Cc:** s22; s22  
**Subject:** RE: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

Hi s22 ,

s22 will be able to fill you in tomorrow morning, but my understanding is that it will be used as back-pocket material.

I am confident in the assessment, but would welcome someone double checking my work in the morning.

s22

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OFFICIAL

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**From:** s22  
**Sent:** Thursday, 3 December 2020 7:07 PM  
**To:** s22  
**Cc:** s22; s22  
**Subject:** RE: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

s22



s22

OFFICIAL

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**From:** s22

**Sent:** Thursday, 3 December 2020 12:59 PM

**To:** s22

**Cc:** s22 ; s22

**Subject:** RE: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

Hi s22 ,

s33(a)

s22

Supporting economic growth and job creation for all Australians

OFFICIAL

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**From:** s22

**Sent:** Thursday, 3 December 2020 12:24 PM

**To:** s22

**Cc:** s22

**Subject:** RE: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

s33(a)

s22

OFFICIAL

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**From:** s22

**Sent:** Thursday, 3 December 2020 12:05 PM

**To:** s22

**Cc:** s22 ; s22

**Subject:** RE: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]  
**Importance:** High

s33(a)

... s22 is online too now ☺

OFFICIAL

**From:** s22  
**Sent:** Thursday, 3 December 2020 11:52 AM  
**To:** s22  
**Cc:** s22  
**Subject:** RE: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

s33(a)

s22 request relates to how Australia compares, so perhaps we could provide the following:

	Australia	Canada	NZ	USA	Japan	etc
Emissions change 2005-2018						
Emissions per capita change 2005-2018						
Emissions per unit of GDP change 2005-2018						

s22

OFFICIAL

**From:** s22  
**Sent:** Thursday, 3 December 2020 11:40 AM  
**To:** s22 ; s22  
**Subject:** FW: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

Hi s22

Last minute requests of course – with 1pm deadline!

s22 | – the Standing Committee on the Environment and Energy like to include the “OECD Comparison table that your team apparently has that compares emissions reductions from 2005 until now. This information has been specifically requested by the Committee receiving our submission, and we want it to support a statement currently included in the submission to the effect of ‘Australia’s emissions reductions compare favourably to similar countries, like Canada and NZ’” Would you know if this is something we can supply, with all the appropriate caveats?

s22 | – if you’re able would you be so good as to address a point linked to s22 on our treaty obligations [here](#) in the response Doc?

I'll be in the meeting room 2.173 just here in case that helps ☺

Kind regards  
s22

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OFFICIAL

**From:** s22  
**Sent:** Thursday, 3 December 2020 11:28 AM  
**To:** s22 ; s22  
**Cc:** s22 ; s22  
**Subject:** FW: Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

Hi s22 ,

I've just been on the phone with s22 , and she let me know that you two are the people to talk to in your team as she and s22 are both offline this week attending late-night UN meetings.

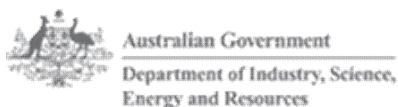
Apologies for the very last notice but we have two requests for you with extremely short turnaround times – **we need this information by 1pm today** at the latest so that we can meet our submission deadlines.

s33(a)

**Request #2** – relates to an OECD Comparison table that your team apparently has that compares emissions reductions from 2005 until now. This information has been specifically requested by the Committee receiving our submission, and we want it to support a statement currently included in the submission to the effect of 'Australia's emissions reductions compare favourably to similar countries, like Canada and NZ'.

Thank you for your assistance. I'm happy to discuss further if you need any more information.

Regards,  
s22



**Business**

business.gov.au  
13 28 46  
Delivered by AusIndustry

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OFFICIAL

**From:** s22  
**Sent:** Wednesday, 2 December 2020 5:12 PM  
**To:** s22 > ; s22  
**Cc:** s22 ; s22  
**Subject:** Request for Text - Climate Change Bill DISER Submission [SEC=OFFICIAL]

s22



s22

---

**From:** s22  
**Sent:** Friday, 11 December 2020 1:55 PM  
**To:** s22  
**Cc:** s22  
**Subject:** RE: Climate change bill submission [SEC=OFFICIAL:Sensitive]

s22 team are the office POC, they should do it.

OFFICIAL: Sensitive

---

**From:** s22  
**Sent:** Friday, 11 December 2020 1:50 PM  
**To:** s22  
**Cc:** s22  
**Subject:** Re: Climate change bill submission [SEC=OFFICIAL:Sensitive]

s33(a)  
s22

s22

OFFICIAL:Sensitive

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**From:** s22  
**Date:** Friday, 11 December 2020 at 1:40:11 pm  
**To:** s22, s22  
**Cc:** s22, s22  
**Subject:** RE: Climate change bill submission [SEC=OFFICIAL:Sensitive]

We should pursue s22 first option, please.

OFFICIAL: Sensitive

---

**From:** s22  
**Sent:** Friday, 11 December 2020 1:38 PM  
**To:** s22  
**Cc:** s22  
**Subject:** RE: Climate change bill submission [SEC=OFFICIAL:Sensitive]

Hi s22 ,

s33(a)

Happy to discuss  
s22

OFFICIAL: Sensitive

---

**From:** s22  
**Sent:** Friday, 11 December 2020 1:30 PM  
**To:** s22  
**Subject:** Fwd: Climate change bill submission [SEC=OFFICIAL:Sensitive]

Fyi.

s22

---

OFFICIAL:Sensitive

---

**From:** s22  
**Date:** Friday, 11 December 2020 at 1:20:38 pm  
**To:** s22  
**Cc:** s22

**Subject:** Climate change bill submission [SEC=OFFICIAL:Sensitive]

Hi s22

The latest draft of the submission is [here](#).

This has been cleared by s22

We have left track changes and comments in there but let me know if you prefer to review a clean version.

s33(a)

s22

OFFICIAL: Sensitive

s22

---

**From:** s22  
**Sent:** Wednesday, 9 December 2020 8:53 AM  
**To:** s22  
**Cc:** s22  
**Subject:** RE: Draft Submission - Steggall Climate Change Bill [SEC=OFFICIAL:Sensitive]

s33(a)

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OFFICIAL: Sensitive

**From:** s22  
**Sent:** Wednesday, 9 December 2020 7:13 AM  
**To:** s22  
**Cc:** s22  
**Subject:** RE: Draft Submission - Steggall Climate Change Bill [SEC=OFFICIAL:Sensitive]

Hi s22 ,

s33(a)

Please let us know if you have questions or need anything further on this.

Best,  
s22

---

OFFICIAL: Sensitive

**From:** s22  
**Sent:** Tuesday, 8 December 2020 2:26 PM  
**To:** s22  
**Subject:** FW: Draft Submission - Steggall Climate Change Bill [SEC=OFFICIAL:Sensitive]

As discussed

---

OFFICIAL: Sensitive

**From:** s22  
**Sent:** Friday, 4 December 2020 5:06 PM  
**To:** s22  
**Cc:** s22

**Subject:** Draft Submission - Steggall Climate Change Bill [SEC=OFFICIAL:Sensitive]

s33  
(a)

Regards  
s22

OFFICIAL: Sensitive



s22

---

**From:** s22  
**Sent:** Wednesday, 9 December 2020 9:09 AM  
**To:** s22  
**Subject:** Draft Submission - Steggall Climate Change Bill [SEC=OFFICIAL:Sensitive]

Hi s22

The next version of the submission is [here](#).

This includes the ACCU text (highlighted yellow) s33(a)

s33(a)

Cheers

s22

OFFICIAL: Sensitive  
OFFICIAL: Sensitive

---

**From:** s22  
**Sent:** Wednesday, 9 December 2020 7:13 AM  
**To:** s22  
**Cc:** s22  
**Subject:** RE: Draft Submission - Steggall Climate Change Bill [SEC=OFFICIAL:Sensitive]

s33(a)

OFFICIAL: Sensitive

---

**From:** s22  
**Sent:** Tuesday, 8 December 2020 2:26 PM  
**To:** s22  
**Subject:** FW: Draft Submission - Steggall Climate Change Bill [SEC=OFFICIAL:Sensitive]

As discussed

OFFICIAL: Sensitive

**From:** s22

**Sent:** Friday, 4 December 2020 5:06 PM

**To:** s22

**Cc:** s22

**Subject:** Draft Submission - Steggall Climate Change Bill [SEC=OFFICIAL:Sensitive]

s33

(a)

s33(a)

Regards

s22

OFFICIAL: Sensitive

s22

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**From:** s22  
**Sent:** Thursday, 10 December 2020 11:54 AM  
**To:** s22  
s22  
**Cc:** s22  
**Subject:** s33(a)  
**Attachments:** Draft Submission - Steggall Climate Change Bill (002).docx  
**Importance:** High

Hi all  
s33(a)

s22

OFFICIAL: Sensitive

s22

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OFFICIAL: Sensitive

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**From:** s22

**Sent:** Friday, 11 December 2020 1:28 PM

**To:** s22

**Cc:** s22

**Subject:** RE: For urgent action by COB today: Climate Change Bill DISER Submission [SEC=OFFICIAL:Sensitive]

Thanks – yes you have ... I started my emails from the wrong end – sorry 😊

Have a wonderful break and Merry Christmas!

OFFICIAL: Sensitive

---

**From:** s22

**Sent:** Friday, 11 December 2020 1:26 PM

**To:** s22

**Cc:** s22

**Subject:** RE: For urgent action by COB today: Climate Change Bill DISER Submission [SEC=OFFICIAL:Sensitive]

Sorry s22 , I thought I cleared...

OFFICIAL: Sensitive

---

s22

s22



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OFFICIAL: Sensitive

s22

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OFFICIAL: Sensitive

s22

OFFICIAL: Sensitive

**From:** s22  
**Sent:** Friday, 11 December 2020 10:26 AM  
**To:** s22

**Cc:** s22

**Subject:** RE: For urgent action by COB today: Climate Change Bill DISER Submission [SEC=OFFICIAL:Sensitive]

Could you send it via me first and then I will send to s22 . Really need to get it this morning so that we can get it in on time ...

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OFFICIAL: Sensitive

**From:** s22  
**Sent:** Friday, 11 December 2020 10:23 AM  
**To:** s22  
**Cc:** s22

**Subject:** RE: For urgent action by COB today: Climate Change Bill DISER Submission [SEC=OFFICIAL:Sensitive]

s22  
s22 all updates are done except the international elements.  
When they are done could you please send it straight to s22 to review and then to s22 ? There is no need for it to come via us now.  
Thanks  
s22

---

OFFICIAL: Sensitive

**From:** s22  
**Sent:** Thursday, 10 December 2020 3:27 PM  
**To:** s22  
**Cc:** s22

**Subject:** Re: For urgent action by COB today: Climate Change Bill DISER Submission [SEC=OFFICIAL:Sensitive]

Hi s22

We're on it, will get it to you ASAP tomorrow morning.

s22

- - -

s22

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OFFICIAL:Sensitive

**From:** s22  
**Date:** Thursday, 10 December 2020 at 12:07:15 pm

**To:** s22

**Cc:** s22

**Subject:** For urgent action by COB today: Climate Change Bill DISER Submission  
[SEC=OFFICIAL:Sensitive]

Hi all

s33(a)

Many thanks

s22

---

OFFICIAL: Sensitive

s22

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PROTECTED

**From:** s22

**Sent:** Friday, 11 December 2020 11:49 AM

**To:** s22

**Cc:** s22

**Subject:** Draft Submission - Steggall Climate Change Bill.docx [SEC=PROTECTED]

**Importance:** High

Our changes in the document for your review, s22 .

<https://dochub/div/climate/businessfunctions/divisionalbriefingcorrespondence/docs/Draft%20Submission%20-%20Steggall%20Climate%20Change%20Bill.docx?web=1>

PROTECTED



s22

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**From:** s22  
**Sent:** Friday, 11 December 2020 1:55 PM  
**To:** s22  
**Cc:** s22  
**Subject:** RE: Climate change bill submission [SEC=OFFICIAL:Sensitive]

s22 team are the office POC, they should do it.

---

OFFICIAL: Sensitive

**From:** s22  
**Sent:** Friday, 11 December 2020 1:50 PM  
**To:** s22  
**Cc:** s22  
**Subject:** Re: Climate change bill submission [SEC=OFFICIAL:Sensitive]

s33(a)  
s22

s22

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OFFICIAL:Sensitive

**From:** s22  
**Date:** Friday, 11 December 2020 at 1:40:11 pm  
**To:** s22  
**Cc:** s22  
**Subject:** RE: Climate change bill submission [SEC=OFFICIAL:Sensitive]

We should pursue s22 first option, please.

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OFFICIAL: Sensitive

s22

OFFICIAL: Sensitive

---

**From:** s22  
**Sent:** Friday, 11 December 2020 1:30 PM  
**To:** s22  
**Subject:** Fwd: Climate change bill submission [SEC=OFFICIAL:Sensitive]

Fyi.

s22

OFFICIAL:Sensitive

---

**From:** s22  
**Date:** Friday, 11 December 2020 at 1:20:38 pm  
**To:** s22  
**Cc:** s22

**Subject:** Climate change bill submission [SEC=OFFICIAL:Sensitive]

Hi s22

The latest draft of the submission is [here](#).

This has been cleared by s22

We have left track changes and comments in there but let me know if you prefer to review a clean version.

s33(a)

s22

OFFICIAL: Sensitive

s22

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**From:** s22  
**Sent:** Friday, 11 December 2020 12:58 PM  
**To:** s22  
**Subject:** Conversation with s22

s22 12:25 PM:

Hi s22 - our input into the Steggall submission has been cleared by s22 ;)

s22

s22

s22

s22

s22

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**From:** s22  
**Sent:** Thursday, 17 December 2020 4:01 PM  
**To:** s22  
**Cc:** s22  
**Subject:** RE: For action by noon tomorrow: climate change bill submission [SEC=OFFICIAL:Sensitive]

Now with updates following out chat.

<https://dochub/div/climateint/businessfunctions/internationalanalytics/docs/Analysis%20-%20Updates%20for%20Climate%20Change%20Bill.docx>

s22

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OFFICIAL: Sensitive

**From:** s22  
**Sent:** Thursday, 17 December 2020 3:16 PM  
**To:** s22  
**Cc:** s22  
**Subject:** RE: For action by noon tomorrow: climate change bill submission [SEC=OFFICIAL:Sensitive]

s33(a)

s22

Supporting economic growth and job creation for all Australians

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OFFICIAL: Sensitive

**From:** s22  
**Sent:** Thursday, 17 December 2020 1:38 PM  
**To:** s22  
**Subject:** FW: For action by noon tomorrow: climate change bill submission [SEC=OFFICIAL:Sensitive]

Hi s22

s33(a)

s22

OFFICIAL: Sensitive

---

**From:** s22

**Sent:** Thursday, 17 December 2020 12:47 PM

**To:** s22

**Cc:** s22

**Subject:** For action by noon tomorrow: climate change bill submission [SEC=OFFICIAL:Sensitive]

s33  
(a)

s22

OFFICIAL: Sensitive

s22

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s22

PROTECTED

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**From:** s22  
**Sent:** Thursday, 17 December 2020 1:38 PM  
**To:** s22  
**Subject:** FW: For action by noon tomorrow: climate change bill submission [SEC=OFFICIAL:Sensitive]

Hi s22

s33(a)

s22

OFFICIAL: Sensitive

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**From:** s22  
**Sent:** Thursday, 17 December 2020 12:47 PM  
**To:** s22

s22

Cc: s22

**Subject:** For action by noon tomorrow: climate change bill submission [SEC=OFFICIAL:Sensitive]

s33  
(a)

s22

OFFICIAL: Sensitive

s22

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**From:** s22  
**Sent:** Thursday, 25 February 2021 12:22 PM  
**To:** s22  
**Subject:** FW: DISER Submissions | House of Representatives Standing Committee on the Environment and Energy | Inquiry into Stegall Climate Change Bills 2020 [SEC=OFFICIAL]  
**Attachments:** DISER Submissions - Standing Committee on the Environment and Energy - I....pdf

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OFFICIAL

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**From:** s22  
**Sent:** Wednesday, 23 December 2020 4:29 PM  
**To:** s22

**Subject:** DISER Submissions | House of Representatives Standing Committee on the Environment and Energy | Inquiry into Stegall Climate Change Bills 2020 [SEC=OFFICIAL]

Good Afternoon s22 ,

Please find **attached** submissions from the Department of Industry, Science, Energy and Resources for the Inquiry into the [Climate Change \(National Framework for Adaptation and Mitigation\) Bill 2020](#) and the related [Climate Change \(National Framework for Adaptation and Mitigation\) \(Consequential and Transitional Provisions\) Bill 2020](#).

Please ensure that all future correspondence (including invitations to public hearings) are emailed to us at [coordination@industry.gov.au](mailto:coordination@industry.gov.au).

All the best for the holiday season.

Kind regards,

s22

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**Department of Industry, Science, Energy and Resources** | [www.industry.gov.au](http://www.industry.gov.au)  
Pronouns: She/Her

OFFICIAL



s22

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PROTECTED

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**From:** s22  
**Sent:** Monday, 4 January 2021 9:12 AM  
**To:** s22  
**Cc:** s22  
**Subject:** handover [SEC=PROTECTED]

s22


3. Climate Change Bill Submission – s33(a)

s22



- s22

s22

 *The department acknowledges the traditional owners of the country throughout Australia and their continuing connection to land, sea and community. We pay our respect to them and their cultures and to the elders past and present.*



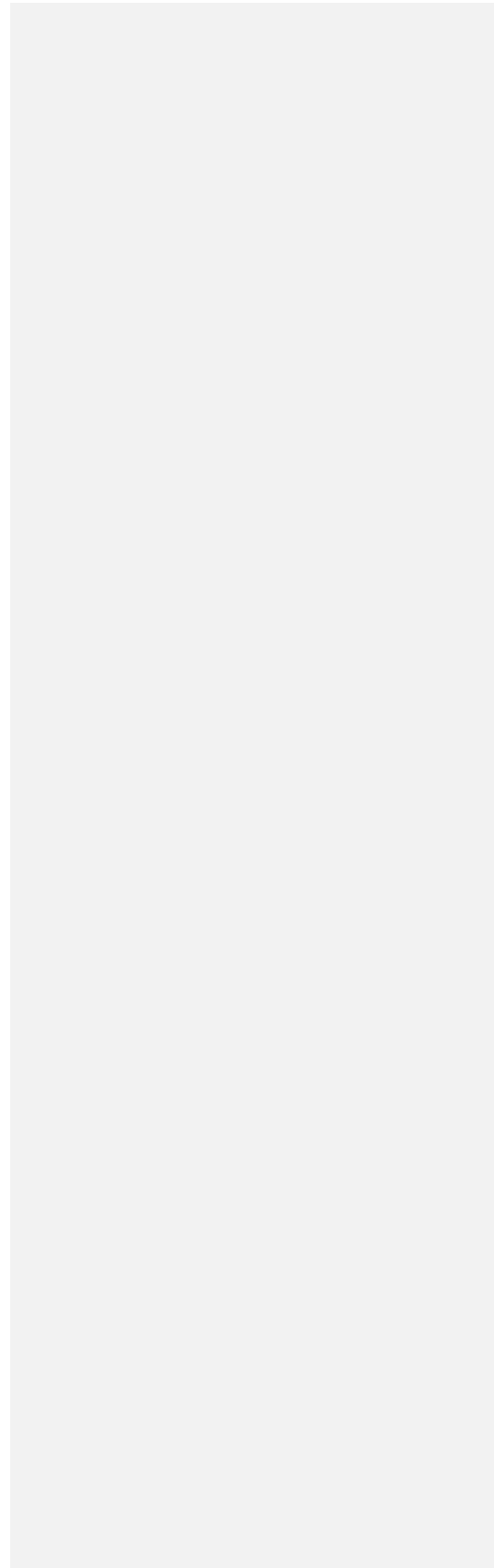
PROTECTED

OFFICIAL: FOR DELIBERATIVE PURPOSES ONLY



**Australian Government**  
**Department of Industry, Science,  
Energy and Resources**

Pages 1-12 removed under s22



## Attachment D

Change in emissions from 2005 to 2018 for OECD-selected countries

	Change in emissions 2005–2018 <sup>i</sup>	Change in per capita emissions 2005–2018 <sup>ii</sup>	Change in emissions per unit of GDP 2005–2018 <sup>iii</sup>
Australia	-13% <sup>iv</sup>	-29%	-51%
Canada	-0.1%	-13%	-37%
China	+69% (WRI 2016)	+60% (WRI 2016)	-41% (WRI 2016)
EU	-20%	-22%	-50%
G20	+15% (WRI 2016)	+5% (WRI 2016)	-33% (WRI 2016)
Germany	-15%	-16%	-49%
Japan	-8%	-7%	-30%
New Zealand	-1%	-16%	-45%
OECD	-9% (WRI 2016)	-16% (WRI 2016)	-38% (WRI 2016)
South Korea	+29% (WRI 2016)	+21% (UNFCCC 2016)	-28% (UNFCCC 2016)
United Kingdom	-34%	-40%	-58%
United States	-10%	-19%	-43%

**Sources:** *Historical emissions*, Official estimates submitted to the UNFCCC where available, otherwise World Resources Institute (WRI) CAIT *Population data*: World Bank; *Gross Domestic Product* IMF, current prices (Purchasing power parity);

**Notes:** This data is intended for internal purposes, not for public use. Blank cells indicate no data available. Figures for Australia have been derived using the same sources as for other countries in the table, as such they are likely to differ from those listed in the most recent National Greenhouse Gas Inventory Quarterly update — a 44.7 per cent decline in emissions per capita since 1990, and a 64.7 per cent decline in emissions per dollar of real GDP. All emissions include the land sector

<sup>i</sup> UNFCCC 2018 for Annex I countries, WRI CAIT 2016 for non-Annex I and OECD. South Korea are a non-Annex I party that reported their 2005 and 2016 greenhouse gas emissions to the UNFCCC. These numbers were used for the analysis instead of WRI CAIT.

<sup>ii</sup> Population data: World Bank, Emissions data: UNFCCC where available, otherwise World Resources Institute CAIT.

<sup>iii</sup> GDP data: GDP, current prices (Purchasing power parity; billions of international dollars) (IMF) data; Emissions data: UNFCCC where available, otherwise World Resources Institute CAIT.

<sup>iv</sup> Quarterly Update of Australia's National Greenhouse Gas Inventory: June 2020 states Australia's emissions have declined 16.6 per cent since 2005.

**Commented [A14]:** Need to add 2 more categories:  
Investment in renewable energy in 2019 by watts per capita  
and  
Investment in renewables by \$A per capita –

“energy team” apparently already done... so include this

## Updated table

	Change in emissions 2005–2018 <sup>1</sup>	Change in per capita emissions 2005–2018 <sup>2</sup>	Change in emissions per unit of GDP 2005–2018 <sup>3</sup>	New renewable energy capacity installed per person 2019 (watts)	2019 per capita investment in renewables (\$A)
Australia	-13% <sup>4</sup>	-29%	-51%	240.3	324.7
Canada	-0.1%	-13%	-37%	22.8	32.9
China	+69% (WRI 2016)	+60% (WRI 2016)	-41% (WRI 2016)	45.2	87.8
EU	-20%	-22%	-50%	66.0	Not available
G20	+15% (WRI 2016)	+5% (WRI 2016)	-33% (WRI 2016)	32.2	Not available
Germany	-15%	-16%	-49%	74.3	95.8
Japan	-8%	-7%	-30%	54.5	191.3
New Zealand	-1%	-16%	-45%	6.7	83.8
OECD	-9% (WRI 2016)	-16% (WRI 2016)	-38% (WRI 2016)	53.9	Not available
South Korea	+29% (UNFCCC 2016)	+21% (UNFCCC 2016)	-28% (UNFCCC 2016)	69.7	58.4
United Kingdom	-34%	-40%	-58%	44.9	115
United States	-10%	-19%	-43%	54.6	255.9

**Sources:** *Historical emissions*, Official estimates submitted to the UNFCCC where available, otherwise World Resources Institute (WRI) CAIT *Population data*: World Bank; *Gross Domestic Product* IMF, current prices (Purchasing power parity); IRENA Renewable energy statistics 2020; BNEF Clean Energy Investment - covers only Asset Finance and Small Scale Solar classes of investments, in the following subsectors: Biofuels, Biomass, Geothermal, Small hydro, Solar - PV, Solar - Thermal, Wind - Offshore, Wind – Onshore; US\$ converted to Australian dollars based on average rate for year ended 31 December 2019 per ATO; G20 & OECD totals derived from watts installed in member countries/population of member countries.

<sup>1</sup> UNFCCC 2018 for Annex I countries, WRI CAIT 2016 for non-Annex I and OECD. South Korea are a non-Annex I party that reported their 2005 and 2016 greenhouse gas emissions to the UNFCCC. These numbers was used for the analysis instead of WRI CAIT.

<sup>2</sup> Population data: World Bank, Emissions data: UNFCCC where available, otherwise World Resources Institute CAIT.

<sup>3</sup> GDP data: GDP, current prices (Purchasing power parity; billions of international dollars) (IMF) data; Emissions data: UNFCCC where available, otherwise World Resources Institute CAIT.

<sup>4</sup> Quarterly Update of Australia's National Greenhouse Gas Inventory: June 2020 states Australia's emissions have declined 16.6 per cent since 2005.

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