



Meeting Record

MEETING PURPOSE	Regular monthly meeting						
MEETING DATE	1/16/2025						
MEETING TIME	10:30-noon						
VIRTUAL MEETING	Yes						
MEETING NUMBER							
ATTENDEES	Mark "P" as present, "O" as out. Vote by Yay "Y" or Nay "N" or Abstained "A" Quorum = 9						
<i>COUNCIL APPOINTEE</i>	<i>AGENCY MEMBER OR DESIGNEE</i>			<i>REGULAR PARTICIPANTS</i>			
Paul Clary (5/31/2023) (seat 1)	P	Stephanie Tuckfield (DNR)	A	David St. Jean (DGS)	P	Martha Shrader (USM)	P
Krystal O'Hara (5/31/2025) (seat 2)	P	Ashley Van Stone (MDE)	P	Bill Hersch (MDP)	P	Courtney League	P
Ben Roush (5/31/2025) (seat 3)	P	Mark Beck (USM)	P	Eddie Lukemire (MDOT)	P	Atif Chaudhry, Secretary (DGS)	P
Ryan Schwabenbauer (5/31/2026) (seat 4)	P	Alex Donahue (IAC)	P	Chris Russell (MEA)	P	Dee Dee Kennedy	P
Marisa Britton (5/31/2025) (seat 5)	P	Ted Walsh (DBM)	P	Robert Emard (DLR)	P	Martha Shrader	P
Michael Daly (5/31/2026) (seat 6)	P					Emily Soontornsaratool	P
YAY	15	Approve December meeting minutes				Victoria Nellis	P
NAY						Mary Stevenson	P
ABSTAIN	1					Magdalena Rudnicka	P
						Aaron Fisher	P
						Kim Pezza	P
						Kara Strong	P
						Tieng Peng	P
						Jan Golden	P
						Gracie Tilman	P
						Krystal O'Hara	P

	Agenda Item	Discussion	Time
1	Call to Order		
2	Meeting Record		
3	Greetings		
4	Old Business		
5	Ongoing Business	<p>AGENDA</p> <ol style="list-style-type: none"> 1. Call to order 2. Roll call 3. Intros of members we missed last month 4. Opening remarks by DGS Sec. Atif Chaudhry 	



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		<p>5. Ongoing Business</p> <p>1.</p> <ul style="list-style-type: none"> 1. Confirm BOX Account access 2. HPGBP for review and potential vote during February's meeting 3. Council members and public input into Legislative Bills 4. GWP of concrete <p>1. Training for agency staff during the EO Working Group meeting March 13th</p> <p>2. Follow-up training for A/E firms</p> <p>1. New business</p> <p>1.</p> <ul style="list-style-type: none"> 1. Additions to the GBC website 2. Minutes 3. Project certifications <p>1. Adjourn</p>	
6	New Business	<p>-Update and add functionality to the GBC web pages</p> <p>-Letter of recognition for past members</p>	
7	Announcements and Updates (Members)	<p>-DGS decarbonization project is in full swing. Final report due by mid-summer 2025.</p> <p>-BEPS litigation</p> <p>-Martha let the Council know about building envelope training sessions and she will look into the possibility of recording them.</p>	
8	Adjourn until Next Meeting		
9	Adjourn		



Meeting Record

Maryland Green Building Council Virtual Meeting - 2025/01/16 10:26 EST - Transcript

Attendees

Aaron Fisher, Alex Donahue -IAC-, Andrew Friel -LABOR-, Ashley Vanstone -MDE-, Atif Chaudhry -DGS-, Ben Roush, Bill Hersch -MDP-, Candace Ward -DGS-, Christopher Russell -MEA-, Courtney League -DGS-, David St.Jean -DGS-, David St.Jean -DGS-'s Presentation, Dee Dee Kennedy -MRMCA, Edward Lukemire, Emily Soontornsaratool -MEA-, Gracie T, Jan Golden, Kim Pezza, Krystal O'Hara, Magdalena Rudnicka -DGS-, Marisa Britton, Mark Beck, Martha Shrader, Mary Stevenson, Michael Daly, Paul Clary, read.ai meeting notes, Rob Emard -LABOR-, Ryan Schwabenbauer, Sustainable Design Consulting, Ted Walsh -DBM-, Tien Peng, Victoria Nellis -DGS-

Transcript

Paul Clary: building owner side. we do a lot of efficiency projects. energy procurement and renewable advisor. We work for about 75 million square feet of commercial space throughout the Baltimore and DC metro areas. So we've been around for 15 years, 72 employees. And I guess that's us in a nutshell.

Ben Roush: And I was hoping to find the meeting minutes from last time so I could see so I wasn't going. I remember. Crystal, I think you're here.

Ben Roush: Think I saw you on the list. And I don't remember...

Krystal O'Hara: I'm here.

Krystal O'Hara: Hello. I think I missed the introduction.

Ben Roush: if you were here last time. I don't think so.

Krystal O'Hara: But I'm here now.

Ben Roush: All right.

Krystal O'Hara: So, Cry I'm one of the owners at Lorax Partnerships, which I think many of you are familiar with, but we do sustainability consulting focusing in commercial real estate.

Ben Roush: I am present. Ryan, I'm pretty sure I saw you on the ...

Ben Roush: there you are. And I think you got to do your intro last time, right? No.

Ryan Schwabenbauer: Yeah, I think I did it.

Ryan Schwabenbauer: Would you like another or

Ben Roush: There will be plenty of time for all of us to reach out and meet each other throughout the year, too. So, I'm not super worried. And then Marissa.



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Marisa Britton: Yes, I was not here in December but I am present today. so I'm representing sable building partners. We provide consulting services for sustainability as well as enclosure commissioning and testing energy modeling. So we cover a wide breath of services related to sustainability.

Ben Roush: All right. And then Michael,...

Ben Roush: I don't recall if you were here in December.

Michael Daly: Yeah. Yeah.

Michael Daly: I was here in the December meeting.

Ben Roush: All And those are our council appointees. Agency members. Stephanie, I didn't see you on the list. Is anyone else here from All right. Ashley,...

Ashley Vanstone -MDE-: here. Good morning

Ben Roush: good morning. Mark,...

Mark Beck: I am here and I think I was here in December too. So, yep.

Ben Roush: I think so.

Ben Roush: Alex.

Mark Beck: Good to be

Alex Donahue -IAC-: Good morning.

Alex Donahue -IAC-: IA Inter agency Commission on PreK12 School Construction Agency. Missed December unfortunately because of our commission meeting, but good to see you all.

Ben Roush: And if we have a regular overlap, we can talk about this has been the forever and ever meeting time. But if we...

Alex Donahue -IAC-: No, we should not.

Ben Roush: if we have a great Ted,...

Alex Donahue -IAC-: That was a rare one.

Ben Roush: I see you're on

Ted Walsh -DBM-: Hi, my name is Ted Walsh. I'm a budget team leader with the DBM Office of Capital Budgeting. again, I'm sorry to have missed last meeting, but we were preparing the budget, so kind of in the final days of that.

Bill Hersch -MDP-: What's that?

Ben Roush: David, I know you're here because we've already said things. Bill, look like you're here.



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Bill Hersch -MDP-: I am here and I was here for the last December meeting as well.

Ben Roush: Eddie, it doesn't look like All right,...

Ben Roush: Chris, I know I saw you on the list. We gave people a oneweek notice by the time the invites got out.

Christopher Russell -MEA-: Good morning.

Christopher Russell -MEA-: So many meetings, so little time. I think I missed the December meeting.

Ben Roush: So there was a lot of overlap I think. So

Christopher Russell -MEA-: Thank you for reminding me where I was. by the way, folks, I give away money. And if that sounds intriguing, let's have an offline conversation. Okay.

David St.Jean -DGS-: That's why I remember you were here last month. Same line.

Ben Roush: It's true. There's a grant due today that I'm sure some folks are aware of for nonprofits. Robert, did you go by Rob? If that's what you're should we So yeah,...

Rob Emard -LABOR-: Good morning.

Rob Emard -LABOR-: I do indeed go by Rob, unless you're one of my parents, my sister. I'll answer to Robert...

Ben Roush: let's change our meeting minutes so we call you by what you go by.

Rob Emard -LABOR-: if need be, but

Ben Roush: Cindy. yeah.

David St.Jean -DGS-: So the other column here I should probably just get other than a TCR...

00:05:00

David St.Jean -DGS-: but Ellen's no longer with DGS. I'll need to change some of these things and update it. This is from the previous

Ben Roush: And Martha is here. We need to fix that double line thing with Cindy and...

Martha Shrader: morning. I was indeed

David St.Jean -DGS-: a thief.

Ben Roush: Yep. And Martha, I think you were here in December also. and then if I'm sorry,...

Atif Chaudhry -DGS-: By chief, no problem. Chry, DGS secretary.



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Ben Roush: There we go. and we've done our intros as we went. and, you are doing opening remarks as well, so we might as well keep the line open.

Atif Chaudhry -DGS-: No, thank you. And I won't take a long time. Just wanted to welcome everyone. It's been a while since I've been on one of these calls. I just want to make sure that I welcome everyone and said happy new year first of all for those folks I haven't talked to yet. and hope everyone had a great holiday u or be able to spend time with family and friends. And also say that very excited about the Maryland green building council and all the great things that we'll be able to do. really looking for 2025 to be a year in particular that we have a lot more collaboration and looking to do a lot of great things.

Atif Chaudhry -DGS-: and what I mean by that too is not just all the great initiatives that we have been pushing over the past year and a half two years but taking a look at what statuto requirements are what should we be doing how the state's goals whether it's this administration's goals or the climate goals that are in statute impact the state and how we can effectuate good recommendations and guidance for state facilities and others. I think there's great opportunity here. I think there's a great collective brain trust here of industry experts and state agencies that can really affectuate change.

Atif Chaudhry -DGS-: and what I am hoping for is that we can really invigorate this year to make sure that we're spending a lot of time collaborating and working together to make sure that we have a space the state collective best interest at heart and we're working together to make sure that we've got some great recommendations and other solutions that we can sort of implement that are best practices whether it's best practice in other states or other countries something that we can be doing here and innovative which is typically a foreign term in any governmental setting. is something we're looking at here is trying to be as innovative as we possibly can. with obviously certain constraints but just want to make sure that we're all working very gladly together and there's great opportunities here for different spin up work groups and other things that we can work together.

Atif Chaudhry -DGS-: I'm personally going to try to attend a lot more of these meetings to be more engaged and also encourage some of my other state agency respective leadership teams to be more engaged and as we look to really broaden the scope and discussions when it comes to Maryland green building council. So very excited, very very happy with the team that's on here and just wanted to close by saying thank you for all the work that you've done in this industry whether it's outside of this council previously. you are on this council for you being an expert and we really appreciate your expertise and...

Ben Roush: All right.

Atif Chaudhry -DGS-: your guidance and support and all the great things that you've done for the state of Maryland. So, thank you. And without further ado, I'll hand it back over to Ben to move forward in the agenda.

Ben Roush: Thank let's do a brief recap of what we did in December for folks who weren't there because it was last minute scheduled. and then vote on meeting minutes and then we'll move to ongoing business. so in December we talked briefly I gave everybody a reading assignment before they came about the statute of what the Maryland Green Building Council does and importantly does not do. we have a fairly narrow scope of what we do. So, we oversee the Maryland high performance green building program that



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tells stateowned and operated buildings when undergoing major remodels or new construction how they're going to build. It has a section for school buildings that it have slightly different rules.

Ben Roush: And we occasionally get something from the legislation that says we shall study something. So we're going to be talking quite a lot the next several months about global warming potential and environmental product declarations and concrete. And that was a specific legislative requirement that we come out and study that and get that into the program. also so David and I in short order we're going to be talking about the program as it relates to building energy performance standards and building electrification because we had a requirement there too. So without further ado, we do Robert's rules.

00:10:00

Ben Roush: So, as much fun as that is, I would like to forward a motion that we approve December's meeting minutes. And I will need a second for that. we open for discussion. Does anybody wish to discuss that? Great. and then we are allowed to vote in the negative. If anybody chooses to vote nay on approving these please raise your hand or Simply enough done. All right. And that is how votes will work at large.

Ben Roush: for close votes. if we were split in a way that it wasn't very clear it passed or failed, we will And raise hands nay and actually count. But there we go.

Ben Roush: All Can we please scroll down? That got weird for a second. we can wait.

David St.Jean -DGS-: Yeah,...

David St.Jean -DGS-: that was good.

Ben Roush: We don't want to mess up formatting that badly. all right. Let's start into ongoing business. And David, I just thought about this. Would it be better to do number four first so that Ten doesn't have to sit for the next hour?

David St.Jean -DGS-: I'm fine with that. I can kind of provide some of the updates as essentially this has been something I've been working on.

Ben Roush: All right. Yes, please.

David St.Jean -DGS-: So, you're all aware of the statute that was passed last year, I think, requiring BGS to set a maximum global warming potential for concrete that's used in projects that are subject to the high performance green building program. And DGS is to do that in consultation with MDOT. That is all the statute says about that topic. the council doesn't need to vote on it.

David St.Jean -DGS-: the council doesn't even need to be involved in it in any way other than it will eventually become probably part of the high performance green building program requirement simply because it's required throughout state government and I think we will in a future edition of the program add language in there about GWP and concrete currently I shouldn't say we've been collect



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David St.Jean -DGS-: ing environmental product declarations. Everyone's going to have to learn a whole new set of acronyms. So, these are EPDS from the concrete industry or different varieties of different strengths of concrete and cement. Those are actually all being uploaded to a platform that is man owned and managed by a company called EC3, I think, and they're a nonprofit. There's quite a bit of data on there from I think projects or manufacturers all over the world. But also at the same time we got a grant from I think the US climate alliance last year to We hired Pang of Green Plum Street Consultants and Tien is on the line with us. There are many documents in the box account under the concrete folder that are related to this topic.

David St.Jean -DGS-: Tan has done a fantastic job of pulling together not only research on background but also also helping DGS update our procedures manual to include language in it for this statute as well for compliance. So that being said, the other thing is that I've actually just scheduled a meeting with MDOT since DJs is coordinate and collaborate with MDOT on this. We're going to meet in February to work through some of the particulars. I think that the date by which we have to set the GWP is not until next year. I think January 1 of 2026. but we DGS needs to report to the legislature by the end of this year on our progress towards meeting the requirements of the statute.

00:15:00

David St.Jean -DGS-: and I'm also reaching out to the authors of this bill to get some clarification because there's believe it or not, in a piece of legislation, there's some unclear language. So, I'm trying to get that straightened out before we actually create the maximum GWP and move too much further down this path and included in procurement documents. importantly, Tienne, if you wanted to add anything else. one last thing for me. Before Tienne gets on, my most of you, I think, are familiar with this executive order working group that I've held quarterly for several years now. we have a meeting in March, I think on the in which TN is going to be doing some training for state staff on this topic.

David St.Jean -DGS-: So, if you're not already on that invitation and you're here on this call, just send me an email and I'll include you in that invitation. And I'm hoping to get lots of folks project managers who work on essentially projects that are part of the high performance green building program. They should be targeted for attending this meeting to get an introduction of GWP concrete and just because they need to get up to speed on what we're doing. And Ten, if you'd like to add something

Tien Peng: literature review. I think I sent it out to the committee before. that's probably a lot of reading right there regarding this topic. but I think we'll have a good time on the training in March.

Ben Roush: representative there from David to get your project managers to attend. David also shared a DGS version procedure manual for what they intend to do that may be worth a review and...

Ben Roush: and adaptation or adoption by each agency.

David St.Jean -DGS-: and...

David St.Jean -DGS-: it is draft. yes,...

Ben Roush: Yes. still working on it,...



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David St.Jean -DGS-: we're still working through it and...

Ben Roush: but other than that for the consultants in the room like myself,...

David St.Jean -DGS-: and you will see numbers in there where we have established the maximum GWP. Those are just placeholders. Don't get too worked up over it.

Ben Roush: there is going to be follow-on training after that March meeting. there's going to be need to be training for and that'll happen.

Ben Roush: that needs to work itself out. So once we know the numbers to work from there. Yep. Okay, that's that one. And then of course, this is a open to the public meeting.

Tien Peng: Thank you.

Ben Roush: You are welcome to stick around. And if we cover your section early, you could also leave if you need to.

Ben Roush: All right, starting at the top of the list, David sent out a box link to all of the committee members. if anyone has not received it, please email David.

Ben Roush: If you haven't tried to get into the box folder, make sure you can. It turns out there are some permissions in some state departments that it needs to work with.

David St.Jean -DGS-: So I have it open now and...

David St.Jean -DGS-: there are at this point only two pending acceptances I guess of the invitation and I'm going to name names. So Eddie Luke Meyer and Stephanie Tuckfield. If you have any trouble getting into this, just email me and I think you have to set up a free account at Box. And once you do that, you should be able to get right in because shared documents with me. That's how I even got introduced to Box. And basically, I just had to set up a free account and I got right in. So, it shouldn't be too much. And everyone else has been successful both at state agencies and our private representatives. So,

David St.Jean -DGS-: The sooner you can do it, the better because there was an awful lot of information in there.

00:20:00

Ben Roush: read the high performance green building program because David and I have been working on a number of modest changes and a few large ones to get in compliance with building energy performance standards.

Ben Roush: And we're going to vote on it in February, so you need to have read it in advance. Alex Yeah.

Alex Donahue -IAC-: Sorry, real quick.



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Alex Donahue -IAC-: David, would you resend, please, the invitation for box? It was not working for me, and I'd like to try to get that working. I have been looking at the version that, Ben, you included on email, though. So, thank you for that.

Ben Roush: And there is a new version...

Ben Roush: since then in box. yep.

Alex Donahue -IAC-: So I definitely want to Yeah.

Alex Donahue -IAC-: get that new version.

Ben Roush: Martha

Martha Shrader: Yeah, just wondering in the past when there's been an update to the program there's been some opportunity for public comment as well. if that was a plan obviously this is very closed in terms of who has access to this box account. So, just wondering if there's a plan for that and if there will be, any opportunity for outside folks to look at it.

David St.Jean -DGS-: Excellent point. I don't know. I wish we could have some sort of a platform that was available to the entire world, but that doesn't seem to be something we can figure out. I guess that anyone from the public can certainly join these calls. send me an email asking for any specific document you like to see and I'll send it to you. But I might also be able share I was kind of trying to limit access to the account to just official council members,...

David St.Jean -DGS-: which I guess I should continue to do. So, anyone who wants to see these documents, please just email me and I'll send you whatever you'd like to look at.

Ben Roush: And then let's talk about version control for a minute.

Ben Roush: So, if any council member wishes to propose a change to the program that you pull down from Box, we're going to ask that you track use track changes, do a word file, and then post yours back to Box with the date and your initials so that there's some way to tell who it came from, and we'll be able to discuss those changes in the next meeting.

Ben Roush: or may have a conversation in advance if there's, a clarity question.

David St.Jean -DGS-: changes back and track changes and I'll upload it to the Box account.

Ben Roush: So that's how we'll do version control and we will have to conglomerate changes if there's conflicting changes. we will work through that The next meeting is largely going to focus on such that we intend to vote on it at the end. this will not include this current version the high performance green building program will not include concrete changes suggested appendices.

Ben Roush: We've talked about putting even in a concrete specification that the world can use for state projects as an appendix, but it will include none of that. We're going to do that later this year. So, this isn't the end all last version ever. There will be plenty of time for more change. We're really focused solely on



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building energy performance standards and some minor changes we discussed back and forth we'll go over here in this next bullet.

David St.Jean -DGS-: to send these documents to whoever in that agency needs to see the documents. So in this case, I guess Mark Mark Beck can send it out throughout the university system. I don't know if you have an email list or what and anyone who needs it individually send it to me, but my expectation was for that to happen. So that's an option or an opportunity that we could take advantage of as well.

Ben Roush: briefly for folks who have been on the committee for a long time, your previous version. We started with the help me David the September draft that just said electrify buildings. It didn't have a carbon rating framework. It didn't allow carbon offsets. It was just electrify buildings. so your work last year is largely in there. but we took out any allowance to buy renewable energy credits or anything like that because that is not covered and not allowed in building energy performance standard as written by the state. So let's talk about what we've done from that draft. I think that's probably the best way to talk about it.

00:25:00

David St.Jean -DGS-: list of changes that were made. I think I know I made one. I'm pretty sure I sent it out, but I'll have to look for it.

Ben Roush: I do not remember that.

Ben Roush: I'm going to have to go look.

Rob Emard -LABOR-: You did.

Rob Emard -LABOR-: It was the January 10th email you sent.

David St.Jean -DGS-: Okay. I appreciate that,...

Mark Beck: Yeah, it's a generalized list. Yeah.

David St.Jean -DGS-: Yeah.

Rob Emard -LABOR-: It's entitled GBC documents.

Ben Roush: Perfect. Yep. That's perfect.

David St.Jean -DGS-: Yeah. Just a kind of a brief bullet point list to get people focused on the changes.

Ben Roush: So, we had this odd thing. sorry, I'm moving the list over here so I keep it present. we had this odd in legislation. We were required to put birds safe building requirements into the program, but there are different funding requirements for the birds safe program and for the rest of the green building program. So at large high performance green building program is fully funded i.e. 100% funded. The bird safe provisions are 50% funded state funding.



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Ben Roush: So, we had to clarify that language that even if you don't have requirements of the program at large, you may still have bird safe requirements in your state funded so that language is in there. We lead zero and other renewable energy credit allowing programs have been removed. we building energy pro performance standards as written only require that you remove I fuels from your on-site combustion of fossil fuels. does not regulate electricity.

Ben Roush: Although there is intended to be an energy use intensity standard released in the near future that will also be held so you can't use unlimited electricity. You will have an intended target for each building type and we can go into the details of that but we don't allow renewable energy credits as a building energy performance standard. So we needed to be clear about what we were doing for the program at large. and we added decarbonization and appendix G about when heat pumps are required and when you can have an exception to those heat pumps. So the intent is if the program applies you will use heat pumps for heating and water heating.

Ben Roush: if you can still have an emergency generator, you can still have process use. there's lots of things you can still have natural gas or other fossil fuel use That's in that appendix. Please read down that list. I want to make sure it's a pretty comprehensive list. We pulled from a couple of all electric energy codes, New York and Washington state. and I'm asking you to see the lack of something, but if you see an absence of something that you're concerned about, I want to know it. If you say, " I've got this special case that needs an exception and can't use heat pumps," great. That might be something you also want to talk to your consultant or have your project manager talk to your consultants about. they may have an idea for that.

Ben Roush: the bird safe buildings. Yeah. And appendix D. and clarifying what is funded for what is up in the an addition of metering requirements so that you can do the building energy performance standard reporting. So if you're on a campus and you have campus level metering, you will still need to meter your individual building to know your energy green purchasing in appendix C. Yeah, go take a look. David, you did that one. Do you want to speak to it?

00:30:00

David St.Jean -DGS-: But before I start, Rob has had a hand up for a minute.

Ben Roush: I'm sorry, Rob.

David St.Jean -DGS-: Okay, let's do that. yeah, green purchasing is a requirement in statute and it covers construction projects as well. And there are lists of all kinds of specifications for different products including HVAC systems. So It should have been added years ago really to the high performance green building program. So I took the liberty to add it and of course we can all review it and vote on it. And the second one I added as well, the fleet vehicle electrification.

David St.Jean -DGS-: There is a statute that says that all internal combustion engine passenger fleet vehicles in the state are being converted to clean energy vehicles. And my office is involved in installing the infrastructure for That also we shouldn't be putting up high performance buildings that aren't equipped for electrifying fleet vehicles. So I included in there as Just sort of getting the program up to speed with things that have happened in the last few years. I think.



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Ben Roush: party reviewer was it used to just say five years of experience in and it now says many certifications depending on what they're reviewing. So, architect or a lead accredited professional or a green globes, I can't remember, but I went and looked it up to if you're reviewing green gbes. or for IGCC, certified energy plans examiner. take a look at that.

Ben Roush: and the intent is that all of those have an ethics standard and a minimum requirement for what those certifications require and it's architecture engineer they have a ethics standard and also it's not standard of care they have in individually AA the engineering board, you're only allowed to work on what you have expertise in it already. any of the certifications. So, take a look. I don't think that's very I think anybody reviewing a lead project being a lead accredited professional is fairly standard.

Ben Roush: But Yep.

David St.Jean -DGS-: and...

David St.Jean -DGS-: my apologies that I did not use track changes because it was just getting too difficult to read. There are too many changes in it. So, you're going to have to open this version and a previous version from back in September or something. And then could just compare the two. Hopefully, you have a couple screens otherwise you're going to get a headache.

Ben Roush: And large portions are exactly the same. So, as you're going down, questions on that?

Ben Roush: I'm sure there will be once you've read The questions so far

Rob Emard -LABOR-: All right.

Rob Emard -LABOR-: So, I've got two questions. one is related to the international green construction code and I'm curious as I'm kind of delving into things. The high performance green building program made a bunch of amendments to the IGCC and I'm curious as to where the authority lies to making amendments to that code.

Rob Emard -LABOR-: I've searched through statutes. I've read up on everything and I'm still trying to figure that out. So, I'd be curious Okay,...

David St.Jean -DGS-: But ... I think to be clear. We're not making changes to the code. we're making changes to the code as it's adopted for this program. So, as I mean it's very specifically the only authority that we have is to determine how state buildings are constructed and since we adopted the IGCC as a compliance pathway, changes need to be made to that but only for state buildings for this program, not for the IGCC at large.

David St.Jean -DGS-:

Ben Roush: Yeah. and...

Rob Emard -LABOR-: so that runs in



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Ben Roush: Rob, those changes were originally to align with what would be likely for a lead silver building way back. I mean, this is at least five years ago. and then have been followed forward through versions. And am I remembering correctly, Martha? Was that who worked through the most recent version?

00:35:00

Martha Shrader: I did not have a lot of input on the most recent version, more on the 2018 and 2012.

Ben Roush: Okay, got it.

Rob Emard -LABOR-: changes are specific to this program only.

David St.Jean -DGS-: And I'm glad you brought that up,...

Rob Emard -LABOR-: Okay,...

Ben Roush: Yeah, only for stateowned and...

Ben Roush: operated major construction and renovations.

David St.Jean -DGS-: Rob, because in the back of my mind, I'm thinking we need to open up the newest version again, at some point. And I was involved in the initial adoption of that back in 2014, I think. And it's quite a bit of work. we had to have, I don't know, four or five different work groups to look at different sections of the IGCC. So, it's something that we should put on our radar for later this year.

Ben Roush: Yeah. we are currently going through that effort for Baltimore City and...

Rob Emard -LABOR-: I appreciate that.

Ben Roush:

Ben Roush: a teeny work group. so if you give me a month, we'll be able to come back with here's what we did at least for comparison for 2018 to 2021.

Ben Roush: It's mostly numbering changes, right? It's not a drastically different standard or drastically different code. Yeah.

Rob Emard -LABOR-: And just FYI,...

Rob Emard -LABOR-: the state is getting ready to start their code adoption process. So, we'll be moving to the 24s this coming year. I had one other quick question and I know other folks have their hands up. so my question is we've got statute regulations. I'm in charge of the building codes that get adopted by the state and then we've got these other standards throughout the state including the high performance green building program.

Rob Emard -LABOR-: So, when someone's working on a project, how is the show run in terms of...

Rob Emard -LABOR-: who does what to the projects? yeah. Yeah, I think that that would



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David St.Jean -DGS-: You mean specifically as relates to code compliance?

David St.Jean -DGS-: Who can best answer this question? I don't know if Courtney is still on the phone, but I'll probably put him on the spot.

Courtney League -DGS-: Yeah. Thank you, David. let me understand your question, You're basically asking as we go through the design of a project, is that where you're starting? And who's responsible for ensuring compliance or that we're incorporating codes, required statutes, everything into our design? Is that what you're asking?

Rob Emard -LABOR-: If there's a disconnect between codes or if the building code says your building will do XYZ and then there's a conflict with something else down the line. not necessarily another code, but we'll say this standard for instance, what ends up trumping the other one, I guess, how do you determine...

Rob Emard -LABOR-: the order of magnitude or importance I think, is what I'm looking at.

Courtney League -DGS-: which supersedes.

Courtney League -DGS-: That's a good question. I don't have a ready response for that. So, I'll see what I can find out and then we'll share it with everybody. Please.

Ben Roush: an example from a real project. So, we're building a building in Montgomery County that's subject to the high performance green building program. The Montgomery County has their own adoption of The green building program has a separate adoption of the IGCC and they do not harmonize entirely. We have to meet both. So because of state funding, we have to meet the program version of the IGCC. And because it's in Montgomery County, we have to meet the Montgomery County version of the IGCC. Does that clarify your question, Rob?

David St.Jean -DGS-: I guess also I'm sure Rob you understand that state buildings don't use local code officials.

Rob Emard -LABOR-: Okay, thank you.

Courtney League -DGS-: Correct.

David St.Jean -DGS-: We have our own construction and inspection division.

Rob Emard -LABOR-: Yes. Yep. Thank you.

00:40:00

Ben Roush: Martha, I think you were next.

Martha Shrader: So, just relating to the IGCC the current program does not require a third party for that program. So, that is a change. I'm not saying it's a bad change.

Martha Shrader: But it is a change which will be more costly to hire a consultant to do that work. Correct. Yeah.



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Ben Roush: Yeah, it requires a third party when IGCC is not already an applicable code.

Ben Roush: So, if you were in Baltimore City or Montgomery County or keep going, you would not need a third party.

Martha Shrader: And I mean this is from USM's perspective because we are not under county jurisdiction generally so the IDCC as amended by the council is what we use and we do basically an internal compliance for that. So we document everything internally and all affirm that we're doing everything we're supposed to do kind of thing. so it's a change. I just wanted to point that out. it's not just a change in what an independent third party is.

Martha Shrader: That would be a change to how that is currently structured.

David St.Jean -DGS-: and currently is it state staff that's doing the compliance check or is it your AE firm everybody? Yeah.

Martha Shrader: It's everybody. So ing has some tasks, the contractor has to confirm some things. I look at things as well and push also. So it's definitely a whole team effort to get it done. and we've done about three or four of those now. So it's starting to get a little more familiar so we can do it. But yeah, I just wanted to say that I'm a little concerned that there's nothing in here on building envelope.

Martha Shrader: I understand the decarbonization and beeps and we want to electrify, but if we're not putting any emphasis on getting the building envelope right,...

David St.Jean -DGS-: Okay.

Martha Shrader: I think we're really missing an opportunity here. so it's good to have efficient mechanical systems, but if the building envelope's not efficient, you're missing out on a lot. frankly, I think net zero should be in the program. I understand aligning with thefts and I think that's very important. So, I don't think it's either but I think it ought to be a yes and.

Martha Shrader: And it could be net zero without offsets if that's what it takes, but just I'm sorry.

Ben Roush: Yeah. if we required net zero and all on-site right generation

Martha Shrader: Yeah. Or net zero ready.

David St.Jean -DGS-: Is yours is yours?

Martha Shrader:

Martha Shrader: I don't know. I just think just to get all electric I mean the goal for the state is net zero carbon. So it's great for our electric but if that electricity is coming from a dirty source then we're not getting there.

David St.Jean -DGS-: There's two goals though. there's also 100% clean electricity goal by 2035.

David St.Jean -DGS-: So, the two should be running in parallel. We're going to not use fossil fuels. We're going to clean up the grid. We could I mean without getting too prescriptive about it,...



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Martha Shrader: Yeah, but the more we can reduce the amount of electricity that's needed for that grid,...

Martha Shrader: better and easier it's going to be to meet that goal.

David St.Jean -DGS-: we could add language to the program alerting people or making them aware of these opportunities. I guess I mean that certainly it wouldn't cost anyone extra money. I sort of see that as part of the job of certainly the AE firms as they're designing these projects with proper direction.

Atif Chaudhry -DGS-: Okay.

David St.Jean -DGS-: they would understand that if you increase the R value of the envelope and the tightness of the building, you could potentially reduce the size of the equipment and...

Ben Roush:

David St.Jean -DGS-: save some cost there. So, all of that, yeah, I mean, we could put language in there, sort of generalized language, but nothing prescriptive, I guess, would be useful.

Martha Shrader: We could or...

Martha Shrader: we could have some prescriptive language. your prescriptive section for heat pumps is pretty darn prescriptive. which may or...

00:45:00

David St.Jean -DGS-: Okay. Martha,...

Martha Shrader: may not work for all of our buildings but I think building envelope commissioning should be required early modeling perhaps I don't know what those things should be necessarily but we need to think about it yeah I did start that I just hadn't finalized it yet.

David St.Jean -DGS-: when you get your version of the program, please include all these edits in it as comments and Now, they're good comments.

Martha Shrader: So, I pulled it up.

David St.Jean -DGS-: I often think of I mean, these are supposed to be high performance buildings. I'm not certain lead silver really gets us a high performance building. So, we Yeah,...

Martha Shrader: It does not launch day,...

David St.Jean -DGS-: we'll add some more language in there. I think it'd be useful.

Atif Chaudhry -DGS-: And...

Atif Chaudhry -DGS-: Martha, you're talking about building envelope. are you referring to what Dave was talking about the insulation factor, the R value? Are you also talking about the more innovative things like sun shades and other things, or everything included?



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Martha Shrader: air filtration rates, building window to wall ratios, passive solar, there's a lot of things that can happen to make that building more efficient so that your mechanical system doesn't have to work as hard. And unfortunately, in my experience, that gets short shifts. Generally, architects and engineers love to build a glass building and figure out how to cool it and heat it. and...

David St.Jean -DGS-: with the two or...

Martha Shrader: it's Yes.

David St.Jean -DGS-: three story atrium. That's always a good addition.

Martha Shrader: And they're beautiful.

Martha Shrader: I love them. And I do, too. But it doesn't get us where we need to be in terms of efficiency and decarbonization or...

Ben Roush: Yes. So Martha,...

Martha Shrader: a reasonable

Ben Roush: I think there's a couple ways we could do that. We could say you will be x% better UA above your U factor times area is a way of looking at a whole building, for the not architect engineers. there's a couple ways you could get that in there that would be really interesting that you say you're some percent above the IGCC and...

Ben Roush: you have to demonstrate it with a U factors area and building envelope commissioning. Yes, it's already in the IGCC, but I need to go and see if we've written it back out or not to do air barrier testing.

Martha Shrader: and it's under the additional requirements section...

Martha Shrader: which is another comment is that whole section really should be rethought personally I think the language is loose enough that mostly we don't do it.

Ben Roush: Yep. Yeah.

Martha Shrader: So, if it's going to be required, it should say it's required and then the other stuff could go in an appendix or something. I don't know. But Yeah.

David St.Jean -DGS-: only have one addition to that which is that we're going to take probably a second pass at the program later this spring to include some of this GWP of concrete language and this is already late by several months. this version by statute we were supposed to have updated the program by October 1st I think. So, there is some value in putting most of these edits aside until our next pass in a couple months and just get this submitted to the governor's office to the legislature because they're waiting for it with the changes that remove carbon offsets, I think, primarily. And it gives and...

Martha Shrader: Okay. Come on.



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David St.Jean -DGS-: it gives us some time too to look at because I think these are all excellent suggestions and it gives us a little time to debate them and think about what we're doing now is more of a rush job.

David St.Jean -DGS-: I think we're trying to get this voted on by next meeting...

David St.Jean -DGS-: because it is so late already.

Ben Roush: Yeah. Martha,...

Ben Roush: there will also be sometime next year a change we need to do for as our lead standard changes. it's a pretty big change from V4 4.1. And so some of your ideas about envelope and zero ready and really pushing for buildings that can easily decarbonize or can easily become net zero are embedded in V5. And we'll want to look at how we make IGCC buildings homogenize with that.

Ben Roush: .

Martha Shrader: the better. As our projects last a really long time. So, from programming stage through to the end, it's a lot of years. So, thanks.

Ben Roush: Yep. Marissa

Martha Shrader: I will yield the floor.

Marisa Britton: Hi. what we just discussed with Martha did align with a lot of what I was going to bring to the table. So I did wholeheartedly agree that I think this push towards the alignment of the building energy performance standards is great but the other side of the equation is the envelope and that is a really critical aspect to ensuring that buildings are not only energy efficient from an air tightness standpoint but it's also risk

00:50:00

Marisa Britton: mitigation from a water penetration standpoint and I think that's in the best interest of the state that they have their buildings from a risk mitigation standpoint that enclosure commissioning is something that is pretty important for their projects. I did run from our building enclosure performance team and I can't remember off the top of my head and I didn't bother I didn't check yet but if we had written out from the IGCC the building enclosure section. So that's definitely worth checking.

Marisa Britton: What I did find in talking to our building enclosure team is that the IECC 2021 offers a very palatable version for what they thought would be applicable for state buildings to consider perhaps adopting from that code...

Marisa Britton: because they do find it's offering the most palatable pathway. sure.

Rob Emard -LABOR-: So, I ap I hate to interrupt.

Rob Emard -LABOR-: State buildings are required to meet the 2021 sets of codes through the compli Maryland performance. It's MPC that my department puts out. and...



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Marisa Britton: Yeah, I wasn't sure I wasn't sure...

Rob Emard -LABOR-: and they should have been following that since May 29, 2023.

Marisa Britton: if that aspect of the code was struck out or not. And that's absolutely something that we'll need to follow up on.

Rob Emard -LABOR-: So, as a quick update on what I'm allowed to do and not allowed to do, I can make amendments to the code to make the energy conservation code more stringent, but I cannot make them less stringent than what they are. So, we pretty much adopt off the shelf the book and then potentially some appendices. And so I guess everyone on this call might want to be and I'll keep folks aware of the code adoptions for the 2024s...

Rob Emard -LABOR-: because I think a lot of your concerns also are made better or more clear or taken care of with the set of 2024 codes we're starting to look at.

Marisa Britton: And so from what you're saying...

Rob Emard -LABOR-: if it's in the code itself. Yes.

Marisa Britton: then projects are already required to adopt the building enclosure commissioning under the IEC 2021. Correct.

Martha Shrader: It's not in the code that specifically.

Ben Roush: Hold on.

Ben Roush: Go look at 2021 IEC C42.5.15 and it has a short version. It doesn't require error barrier testing, but it does have inspection and review by a third party professional. It's like enclosure commissioning light. So scrolling down I don't have 402.6

Marisa Britton: 2021, Absolutely.

Ben Roush: six in the version I'm looking at the stock version of the IEC yeah is interesting so maybe it is covered just by nature of state code and then there's an enforcement question right are we enforcing this are we actually requiring it Yeah.

Martha Shrader: there are alternative options in the code so you can do building commissioning or you can this use this path different so there's and...

Ben Roush: Yeah. Yeah.

Martha Shrader: the language is not always clear so it can be a challenge to get what we really need even when we do enforce the code so

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Ben Roush: Marissa, I found it.



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Ben Roush: It's either dwelling and sleeping unit enclosure testing or building thermal envelope testing. The thermal also includes air barrier testing for leakage. So 402.53 in the version I'm looking at.

Marisa Britton: Okay.

Ben Roush: So I think that your concern might be partially covered already or...

Marisa Britton:

Marisa Britton: Thank you for correcting that. 402 and...

Ben Roush: least mostly covered. It's worth talk with your folks. We could reduce the leakage rate. It's not particularly aggressive. There's things we could talk about, but it's like IEC is a required code for every state build or every building built in the state, including state buildings.

Marisa Britton:

Marisa Britton: I agree the air leakage. rate that's called out in the IEC is I think 0.4 which really is I think the Army Corps of Engineers has a 0.25 25 and the state of Washington has and state of Utah have adopted 0.1 or 0.12 something like that don't quote me but certainly point 4 it has room for improvement.

Ben Roush: comments or...

Marisa Britton: The only other comment I know that under that section 302.8 to the extent practical I also felt as...

Ben Roush: should we

Marisa Britton: though nobody will necessarily really look at any of those aspects or adopt them unless they are really required to a degree. So, I didn't know if we wanted to consider pulling out certain aspects that the council felt were important to require adoption of, perhaps fleet vehicle electrification. exploring any clean energy solutions, something like that perhaps would be worth considering in terms of a requirement.

Ben Roush: Yeah, and...

Marisa Britton: Those Okay,...

Ben Roush: I was intending on leaving that until we have the V5 discussion because we're going to overhaul that entire section anyways, but I am also great if we want to move that up in the timeline. put your edits in for how you do that and we can look at that in the next meeting.

Marisa Britton: that's it from me. Thank you.

Ben Roush: All right, Ted, you've been waiting patiently. Thanks.

Ted Walsh -DBM-: Yeah. just comment to have my usual annoying DBM representative comment and just remind folks that I liked some of the reviews. I was a little nervous going into hearing about the changes rather than seeing how they actually were written out. not to beat a dead horse but we have a structural



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deficit in the state. We have a limited amount of resources to do a lot of this and from my perspective hearing agencies directly and hearing people's per agency spending plan this is a very exp ranges from a very expensive task to an astronomically expensive task.

Ted Walsh -DBM-: so I think anything that we can do to keep in mind sort of the overall strategy of carbon reduction the move towards clean energy in the state and try and use our resources in a way that allows us to achieve this as efficiently as possible I think should constantly be kept in mind because frankly at the end of the day we can't afford the most expensive options of this right I mean it's if you try and do everything, you'll fail to a certain extent. So, just want to put that out there. the question I had was in relation to I'm sure you folks saw that a coalition of property owners is suing over the beeps. and I just wanted to sort of hear folks thoughts on that.

Ted Walsh -DBM-: and if that will affect our work at all. Great.

David St.Jean -DGS-: that even if BEPS goes away, there's nothing that prevents us from adopting this. It's really up to the administration. And as far as the cost of these things, there's nothing in here that is not required by statute. So my preference I guess in this is that when the engineers and architects eventually look at value engineering for a project take out the marble hallways keep in the efficiency it helps pay for the building that there are trade-offs that can be made which we don't always make because we want our buildings to look a certain way I think and we need

01:00:00

David St.Jean -DGS-: to kind of get over this concept of buildings having to look a certain way,...

David St.Jean -DGS-: which actually aligns with the building being very inefficient.

Ted Walsh -DBM-: But I think that's actually a very interesting thought and...

Ted Walsh -DBM-: I kind of wonder if that isn't something that should be stated or included. something along the lines of this is a top design consideration when constructing state facilities and efficiency should be prized over

Ted Walsh -DBM-: other considerations. It's an interesting idea. I wonder if there's some way to put legs on that.

Ben Roush: It's worth

Ted Walsh -DBM-: They do. Peace.

Courtney League -DGS-: And just to jump in real quick, Ted, I think one of the things we might be able to do is at the programming phase, Kind of look at this a little closer to make sure to David's point that we're not putting in the marble, statutes, whatever it might be. but that we're focusing on inefficient building from the beginning. So we've got it built into the program. So it's something we can certainly follow up on and kind of figure out a way to address that not just necessarily through the high performance green building program but also just as standard practice for the state.



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Ben Roush: building, right? Indoor air quality, the materials you choose to use, where you locate and on what you do on your site. there's a lot of legs to this stool of what's required. again it's not just energy performance. but we can talk about language that prioritizes what is the most important of those Right.

David St.Jean -DGS-: It's reduced operating cost typically.

Ben Roush: All right. Other questions? You can open the floor. It can be non-committee members. You are allowed to speak in this meeting.

Ben Roush: Should we go back to the agenda?

David St.Jean -DGS-: Yeah, I'm trying to open it now. I see this one right here.

Ben Roush: Yeah. Yeah. Good reminder. So, this last one, council members and public input into legislative bills. So some of us certainly myself will be testifying on bills in this session and there's a way to do that to be a committee member and still be a public entity giving input to a member of the public giving in input to bills. David, did you have a specific way you wanted that said?

David St.Jean -DGS-: Yeah. I think you had mentioned that MCEC,...

Ben Roush: Mhm.

David St.Jean -DGS-: Maryland Clean Energy Center I don't know if they started it yet or not. Is it weekly or probably weekly? I think a review session. Folks wanted to attend that. and they highlight bills that are important to anyone interested in environmental or sustainable sustainability issues is that if something crops up that particularly interests you, there's nothing to prevent you as a private citizen from commenting to the legislature to whoever you think was worthwhile.

David St.Jean -DGS-: that I think just being up to date and on top of what's coming through the legislature during session is important because things move pretty quickly. Yeah.

Ben Roush: That's how we're doing. this committee spent last year and I think some of the year previous doing concrete because of legislation. so the thing to be aware of I don't know if MCC has started those calls yet. I know does anybody else know I will reach out and share information on how to sign up on those. They are politically neutral. they're useful calls in as much as there's often discussion on bills that is from multiple angles. it's great.

01:05:00

Ben Roush: All right. And we already did global warming potential of concrete.

Ben Roush: Yep. Any other new business for the committee to consider? Artha

David St.Jean -DGS-: and just the train training for agency staff during my meeting on March the 13th.

David St.Jean -DGS-: I've already mentioned that



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Martha Shrader: Yeah, just some housekeeping. it's been a struggle to get information out regarding this committee. it's struggle even though I sit in on the committee to get records. I've had projects where we've gotten waivers for certain projects and things and I have to just, scroll back through emails and trying to find what meeting did this happen. I know a lot of the, state committees, they have a website where agendas are posted, meeting minutes are posted, the link to the meeting is posted, it's an open meeting, so anybody from the public who would like to join can find that easily and not have to be on an email list kind of thing.

Martha Shrader: ...

Martha Shrader: now that we have, a change, maybe there's could be a new push to update that so that it's a little less opaque for the

David St.Jean -DGS-: Yes, I agree 100%.

David St.Jean -DGS-: And you look at the next bullet points or additions to the GBC website. So, yeah, that was my thought, too. other than attending a few meetings in the past, I haven't been that particularly plugged in. not for the past few years anyway. But when I started looking around seeing what we were doing with what the council was doing and how we were tracking, updates to the program or project certifications and waivers and all the rest of that, none of that's on the website. Where is it? but on the other hand, it's just me.

David St.Jean -DGS-: So, I'm working to hire someone now who will hopefully replace me and they will have more time to look into this. So sometime this year, my plan is to update our website to include all kinds of documents from these meetings and there should be a place really I think as projects get completed and I think certifications get sent to the council is where they should end up in a platform on our website.

David St.Jean -DGS-: So I'd like to get all that set up throughout the course.

Ben Roush: And Martha,...

Ben Roush: you brought up a great ad having a waiver library. what has been granted a waiver in the past useful for future projects, right? Marissa

Martha Shrader: Yep.

Marisa Britton: I think those are super ideas for the website because I know that those are things that we've wanted for a long time. So, appreciate those ideas. this is kind of an I would say unrelated but I thought that perhaps we wanted to just have some type of recognition for Steve and for Stuart just for their time that they did dedicate to the council for those many years that they have contributed their time. if there's any type of recognition that we can I guess from a council standpoint. just I don't know if anyone has any ideas, but I think that that would be something that would be really nice to provide for them.

Marisa Britton: So, in terms of ideas,...

Marisa Britton: I don't really have any unless it's in the form of a letter that we could have signed. but if there's other ideas certainly please suggest. Okay.



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Ben Roush: The governor's office does letters of appreciation.

01:10:00

Ben Roush: I don't know if I've ever seen one from any other state agency or organization, but it is a good idea as an acknowledgement.

David St.Jean -DGS-: that we do something specific, we vote on it and then do it. if we find that it's illegal and according to administration policy and all the rest of that that we can actually do that

Marisa Britton: Yes, that would be good to know.

Ben Roush: Marissa,...

Ben Roush: do you want to make a motion or do you want to save it for February? Do you want us to find out if we can do it first? Okay.

Marisa Britton: I think we should find out if we are allowed to do it from a legal standpoint. certainly that seems like the first and foremost and then we can make a motion thereafter. You Thank you, David.

Ben Roush: Other new business,...

Ben Roush: other points of discussion. Okay.

David St.Jean -DGS-: I guess Ben...

David St.Jean -DGS-: if we're go ahead, Martha.

Martha Shrader: Are we doing a round the table or anything like that at the end for announcement or I just wanted to say we're speaking of envelope some folks from Marissa's office have been very helpful in terms of understanding what building envelope commissioning entails and what's required in the code and all that. we did a presentation for us recently on new buildings and they're going to do one coming up in beginning of March I believe for existing buildings and...

Martha Shrader: how that might play into getting our existing buildings up to the standards that we need to meet these building energy performance standards. So if anyone might be interested in attending that, you can let me know and I can add you to the invite list. It'll be hybrid. It'll be in our office but also be online. So we can try

Ben Roush: Are they by chance recorded also?

Ben Roush: useful for the future, as you look at this.

Ben Roush: And to Rob's point, we are going to be doing 2024 codes in the notsodistant future. So there'd be another chance to record if they weren't.

Martha Shrader: Yep.



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Martha Shrader: I also have been in touch with some folks from Aerosal who do envelope air sealing from the interior using aerosolized sealant.

David St.Jean -DGS-: It's probably 10

Ben Roush: Yeah, it's most analogist to blood clotting,...

Martha Shrader: Yeah.

Ben Roush: It's go look it up...

Martha Shrader: Yeah. Yeah.

Ben Roush: if you don't know the product.

Martha Shrader: Yeah. ...

Ben Roush: It's neat.

Martha Shrader: we're looking at doing that on one of our projects at Buovie state right now. it's a historic building and we can't mess with the exterior. So, we're going to try to do some air sealing from the interior. it seems like a very promising new technology. I know they've been doing it for ducks for a while.

David St.Jean -DGS-: years old At least it has been in the residential sector. But yeah.

Martha Shrader: Yeah.

David St.Jean -DGS-: Started off with duck ceiling and then moved into whole envelope ceiling. They're wonderful YouTube videos if you want to watch them. It's an interesting process.

Martha Shrader: Yeah. Thanks,

Ben Roush: All And to Martha's point, yeah, we probably want to add before we adjourn a round table or at least a chance for people to talk about exactly that sort of thing.

David St.Jean -DGS-: And Ben, if you don't mind, before we get there, if we are actually going to vote next month at the next meeting on the high performance green building program, then folks need to get their comment, suggestion, edits I guess, back to me or uploaded to the box site if you have access to it. with the understanding that we're not trying to cover everything that we talked to about today. We're just going to look at what we have there now. If that's okay, then, if there's nothing glaringly problematic about it, I think we need to get this voted on and submitted. And then we can address all this other stuff within the next few months where we're not in a rush time crunch. Yeah.

Ben Roush: and we are going to have another go to add concrete this summer or fall. So this is not the end all of changes. So Martha like the one you were talking about for IGCC and third party you might have a solid edit to that where if you've got the staff on board who has the expertise that is also acceptable as long as there is someone other than the AE doing a back check. Yeah, as an example.



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Martha Shrader: And one other thing just for the website,...

Ben Roush: right.

Martha Shrader: as we put our list together, it'd be very helpful to have previous versions of the program listed.

David St.Jean -DGS-: It's a good point.

Martha Shrader: As I mentioned, a lot of our projects span multi-year. And it's very helpful to be able to pinpoint the exact program that our contract documents reference rather than just whatever the latest and greatest is.

Ben Roush: Chris.

Christopher Russell -MEA-: Folks, at the risk of asking a frivolous question, I'm thinking about telecommuting and I'm wondering if telecommuting can be a variable that plays a role in building performance standards and getting to the end result that we were looking at. Instead of looking at energy intensity per square foot, we're looking at energy intensity per capita or something like that. I know I'm opening up a whole different can of worms, but Fair Yeah. Yeah. Yeah. Fair enough. Okay.

Ben Roush: It's an interesting way of looking at it though. I like that. All other round table anybody have anything out there they want to talk about?

David St.Jean -DGS-: I will say off from my office is sort of an update is that we have an engineering consulting firm Salis O'Brien now they're in their I don't know fourth fifth month at least in doing their decarbonization planning for 20 individual buildings and 10 campuses I think 28 million square feet of properties that DGS has some involvement in agencies that we support and I don't really have anything to report on that yet other than very excited to see their final result which is going to include a lot of Ted you'll be interested to see it because it's going to be full of budget projections for decarbonizing our buildings over the next 15 years. Yeah.

Ted Walsh -DBM-: Love to see

David St.Jean -DGS-: And I'll be certain to once we get that final report in hand, I'll let everyone know that it exists and probably put it up on our website or on the box account.

Ben Roush: Eddie posted the link for the Maryland the legislative they used to be Friday in previous years events. So that will get you there. Sure. A Google search will also get you there. Ashley

Ashley Vanstone -MDE-: Thanks, Ben. just wanted to note that litigation aside and however that unfolds in the coming weeks and months, at this time, we're moving forward with beeps as is, the BEPS portal did go live yesterday along with some additional information and resources on our website. and we did also issue a compliance advisory that there will be additional time to submit data. So instead of by June 1st of this year, that has been moved to September 1st to allow for some additional flexibility. Obviously, there's



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a lot of unknowns and some of that could still change, but until that does happen, it's moving forward as intended.

Ben Roush: It's going to be a change for them.

Ashley Vanstone -MDE-: I can make sure that our beep's team forwards that over to you too to make sure that you have it and...

Ashley Vanstone -MDE-: can be circulated with this group and anyone else that you see fit.

Ben Roush: All right, want to count to 10 before I say great.

Ben Roush: We will see you next month and it'll be an exciting one because we are so your reading assignment. I think that's clear. Read the current version of the high performance green building program that is in the box folder and please submit changes if you've got them.

01:20:00

Ben Roush: And David and I will be meeting the week before our next meeting will be on February 20th. We'll be meeting the previous week to review those Yep.

David St.Jean -DGS-: and I will probably have some email interaction...

David St.Jean -DGS-: if we start getting comments back with just council members.

Ben Roush: Thank you all and enjoy your Thursday.

David St.Jean -DGS-: Thanks everybody.

Meeting ended after 01:21:25 🖱️

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