From: To: 3/2/2021 1:25:26 PM Sent: Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work Thanks for your reply. We are working on the request with Didn't mean to CC you, was multi-tasking while on a meeting. Thank you, Project Manager, Sr. – Wildfire System Hardening Pacific Gas and Electric Company From: Sent: Tuesday, March 2, 2021 1:13 PM Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work is the Program Manager. I am the Asset Manager. This project was already approved to be constructed in 2021 (pm Approved last Thursday, 02/25/21. You need to have the Project manager work with to update MPP file so that the DOT can be updated if he hasn't already. From: Sent: Tuesday, March 2, 2021 11:52 AM To Cc Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work would be the Manager, Grid Design who brings the project to the committee. Yes, there is funding in 2021. Project Manager, Sr. – Wildfire System Hardening Pacific Gas and Electric Company Sent: Tuesday, March 2, 2021 11:49 AM To: Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work

According to the 5MM I was sent by Vi – I need to know who the Program Manager/Asset Manager requesting this project be pulled in to 2021? They need to provide justification, which I guess I can use email and when the project needs to start & complete. Also, is there funding within the MAT to add this to the work plan, which I am sure the answer is yes.

Thank you in advance,



| Project Controls Analyst | Project Management/Wildfire Hardening |

PG and E

"Kindness is realizing we are all in this together" - RAKtivist

From:

Sent: Tuesday, March 2, 2021 7:34 AM

To:

Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work

Thanks Yes, I may need your help answering questions. I have meetings all day too, but we will find time.

Thank you in advance,

| Project Controls Analyst | Project Management/Wildfire Hardening |

PG and E

"Kindness is realizing we are all in this together" - RAKtivist

From:

Sent: Tuesday, March 2, 2021 7:32 AM

10:

Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work

Thanks

If you need any help while you are in the DOT please let me know. I have meetings all day but if you call my cell phone I should be able to answer.

Project Manager, Sr. – Wildfire System Hardening

Pacific Gas and Electric Company

From:

Sent: Tuesday, March 2, 2021 7:28 AM

To:

Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work

Yes, I will be working on both of these today.

Thank you in advance,



| Project Controls Analyst | Project Management/Wildfire Hardening |



"Kindness is realizing we are all in this together" - RAKtivist

From:

Sent: Tuesday, March 2, 2021 7:18 AM

To:

Subject: FW: URGENT: 12/2 Update: Forecasting 2021 System Hardening work



Would you be able to submit the DOT request today for CWSP-STANISLAUS 1702-LR1888-PH 1.2?

We need to request:

- 1. Appropriate 2021 budget, like we are doing for Stanislaus 1702 LR 1804 PH 1.1.
- 2. Add back into the 2021 work plan.

Both of these items would be done under one request in the DOT.

or I will have this request completed today in the DOT. Thank you for the help with this request to add back to the GC schedule.

Thank you,

Project Manager, Sr. – Wildfire System Hardening

Pacific Gas and Electric Company

From:

Sent: Monday, March 1, 2021 11:11 PM

To:

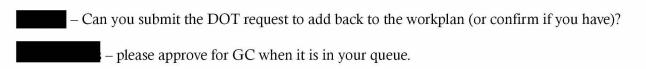
Cc:

Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work

Hi

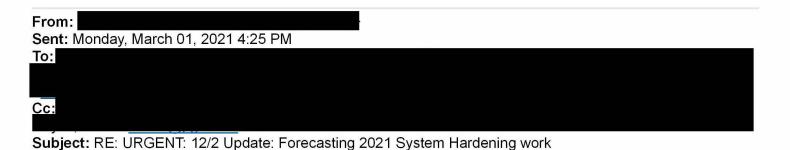
In addition to the Pine Grove, this project in Stockton was approved to continue in 2021 and was previously assigned to GC per attached. Can you move forward with scheduling as soon as possible?

Order	Miles	Project	Risk Rank	Rationale; deta
	1.75	CWSP-STANISLAUS 1702-LR1888-PH 1.2	2,386 (66%)	Significant pro status

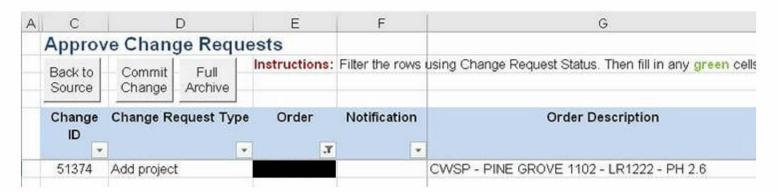


Thanks!

Thank You,



Add Project request was submitted this morning to DOT.



Thanks,

Project Manager - Wildfire System Hardening

## Pacific Gas and Electric Company

Know what's below! Call 811 at least two working days before you dig.

Sent: Monday, March 01, 2021 3:35 PM
To:
Cc:

Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work

Hi

Can you submit the update through the DOT?

– please ensure when this gets added back it is assigned to GC.
Thanks!
Thank You,
From: Sent: Friday, February 26, 2021 9:59 AM To:
Cc: Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work
Please ensure this is added to the work plan using the DOT process.
Thanks,
From: Sent: Friday, February 26, 2021 9:51 AM To:
Cc:
Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work
Wonderful! I will inform the construction team that we can proceed with the work on PM
Thank you!
Rotational Construction Engineering Supervisor T&D GC Tri-Valley Pacific Gas and Electric Company
From: Sent: Friday, February 26, 2021 9:35 AM To:
Cc: Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work
Fantastic! Thank you.
From: Sent: Friday, February 26, 2021 9:34 AM

То:
Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work
This project was approved to continue executing in last night's decision. It is ok to proceed.
From: Sent: Friday, February 26, 2021 9:33 AM To:
Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work
<ul> <li>I think this is actually in your court. I spoke with and he mentioned that you and were going to review this work. Do you think you could provide a status.</li> </ul>
Thanks,
From: Sent: Friday, February 26, 2021 8:45 AM To:
Cc:
Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work
Hello Team,
Do we not have an update on this PM ———————————————————————————————————
Thank you!
Rotational Construction Engineering Supervisor T&D GC Tri-Valley Pacific Gas and Electric Company
From: Sent: Monday, February 1, 2021 11:22 PM To: Cc:
Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work
Hi <b>Mari</b>
We haven't heard back on this yet, can you help with following up on this and provide confirmation to GC one way

or another?

Thanks!

Thank You,				
To: Cc:	day, January 30, 202	21 3:16 PM  odate: Forecasting 2021	System Hardening work	
Hello Team,				
Following up poles.	to see if we receive	ed approval to finish work	this y	ear since we already set 15
PHASE	PM	TOTAL POPLES SET	WIRES PULLED (FT.)	
2.6		15	0	
Thank you!				
T&D GC Tri-\ Pacific Gas a  From:	instruction Engineering /alley nd Electric Company lay, January 19, 202			
To:	,			
Subject: RE	:: URGENT: 12/2 Up	odate: Forecasting 2021	System Hardening work	
Hello Team,				
Do we have	an update on the ap	oproval for PM	?	
Thank you!				
T&D GC Tri-\	instruction Engineerin /alley nd Electric Company	g Supervisor		
From: Sent: Thurs	day, December 17,			

Cc:
Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work
I concur. We will reach out for more information as needed to get approved.
From: Sent: Thursday, December 17, 2020 10:02 AM To:
Cc:
Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work
H <mark>illiand</mark>
I spoke with copied here, about these projects. The response is as follows;
We will submit this project to the Wild Fire Governance Committee seeking approval to keep it in the work plan. This is not approval for you to work on the project at this time. We will notify you and with their decision
<ul> <li>Does not meet the criteria to stay in the work plan and cannot be worked.</li> <li>Will remain in the workplan and we will continue to pursue the Caltrans DSDD permit.</li> </ul>
Project Manager  Pacific Gas and Electric Company
From: Sent: Thursday, December 17, 2020 8:13 AM To:
Cc:
Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work
Team
It is unlikely that approval will be granted for the work to continue, however I have included in the conversation – who can discuss the situation with Asset Management and determine how to address this.
Thanks,
From:

Sent: Thursday, December 17, 2020 7:45 AM
To:
Cc:
Subject: FW: URGENT: 12/2 Update: Forecasting 2021 System Hardening work
Hello
GC Stockton is wondering if we can keep PM & PM on for 2021. They are both on the remove list.
PM has already begun construction with more clearances scheduled. PM material and poles have been ordered and no permit required. This job is ready to go.
PM was one of the jobs approved to keep but is not ready as pending Caltrans permit and we cannot move forward.
Thank you!
Rotational Construction Engineering Supervisor
T&D GC Tri-Valley
Pacific Gas and Electric Company

Sent: Wednesday, December 16, 2020 8:33 AM To:

Cc:

Subject: URGENT: 12/2 Update: Forecasting 2021 System Hardening work

Morning

Please see summary/ concerns below about the Hardening Projects actually kept for 2021 GC work plan:

Table 1

			WIRES PULLED	
PHASE	PM	TOTAL POLES SET	(FT.)	COMMENTS
1.2		28	0	NO CALTRANS PERMIT / CA
2.3		25	0	GOOD STANDING FOR 2021
2.4		51	4,007	1 CLEARANCE TO COMPLET
2.4		31	4,007	SET
1.6		50	4,802	1 CLEARANCE TO COMPLET
1.0		30	4,002	ONLY TO SET

From this above Table 1, we only have Phase 2.3 (PM to fully work on it since Phases 2.4 & 1.6 will be 1-day clearance each and **Phase 1.2 NOT READY TO GO!** 

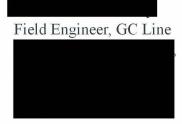
Table 2

PHASE	PM	TOTAL POPLES SET	WIRES PULLED (FT.)	COMMENTS
2.6		15	0	STILL WORKING ON IT / ON POLES SHIPPED
2.0		13		NO PERMIT REQUIRED/ MTI
1.3		0	0	READY TO GO

From this Table 2, both Phases (2.6 & 1.3) are in good standings. **Phase 2.6** already had few clearances scheduled to transfer/change poles/ TX at some locations; more clearances will be scheduled soon to pull wires. About **Phase 1.3**, we have all composite poles and materials jobsited in Pioneer; this project doesn't require any permit since private roads to access locations. Due to periodically inclement weather in Pioneer, these poles for both phases (2.6 & 1.3) will need to be set and wires pulled as soon as possible.

**To conclude**, please have **Phase 2.6 and Phase 1.3** added to our work plan for 2021 as soon as possible and let us know if you have any concerns or questions. Thank you very much for your support & help, and we look forward to hearing from you soon.

Regards,



From:

Sent: Tuesday, December 15, 2020 18:47

To:

Cc:

Subject: FW: 12/2 Update: Forecasting 2021 System Hardening work

Hello

Some of the hardening jobs have been descoped or deferred from 2021. There are 4 hardening jobs we are keeping and 12 we are removing. I will need proper justification if we ask to keep the jobs they are removing.

## KEEP THESE HARDENING JOBS

Order #	Notif #	Program	Category	Sub-Category	Resource	Work Plan Date	Lo
		System Hardening	MPP	220 Mile Plan	GC	9/29/2020	2,
		System Hardening	MPP	220 Mile Plan	GC	11/17/2020	2,
		System Hardening	MPP	220 Mile Plan	GC	11/22/2020	2,
		System Hardening	MPP	220 Mile Plan	GC	11/2/2020	2,

## **REMOVE THESE HARDENING JOBS**

Order#	Notif #	Program	Category	Sub-Category	Resource	Work Plan Date	Loa
		System Hardening	MPP	220 Mile Plan	GC	12/16/2020	2/
		System Hardening	MPP	2020 Act Rsrv	GC	12/31/2021	2/

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	System Hardening	MPP	2020 Act Rsrv	GC	12/31/2021	2/
	System Hardening	MPP	2020 Act Rsrv	GC	12/31/2021	2/
	System Hardening	MPP	2020 Act Rsrv	GC	12/31/2021	2/
	System Hardening	MPP	2020 Act Rsrv	GC	12/31/2021	2/
	System Hardening	MPP	2020 Act Rsrv	GC	12/31/2021	2/
	System Hardening	MPP	2020 Rsrv	GC	12/31/2021	2/
	System Hardening	MPP	2020 Rsrv	GC	12/31/2021	2/
	System Hardening	MPP	2020 Rsrv	GC	12/31/2021	2/
	System Hardening	MPP	2020 Rsrv	GC	12/31/2021	2/
	System Hardening	MPP	2020 Rsrv	GC	12/31/2021	2/

Thank you!

Rotational Construction Engineering Supervisor T&D GC Tri-Valley
Pacific Gas and Electric Company

Sent: Tuesday, December 08, 2020 11:00 AM
To:

Cc:

Subject: RE: 12/2 Update: Forecasting 2021 System Hardening work

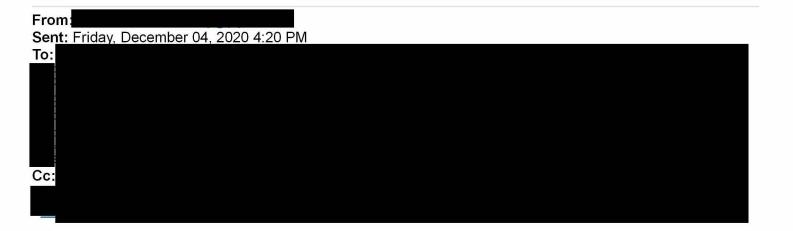
Hi all,

I added in Division & Click Dates to the latest file sent out and have attached to this email. I noted the following projects were changed to be included on the Keep List for 2021 in the 12.04 version.

		Main Work		MPP WP	Civil	Construction	_
Div	Region	Center	City	Resource	Support	Resource	F
		Walnut					S
DI	Bay	Creek	LAFAYETTE	GC		GC	F
							5
CC	South Coast	Santa Cruz	SANTA CRUZ	GC		GC	F

CI	Sierra-North	۸ ام	EL DODADO IIII I C	00	Oversta / Oversta it	ξ
SI	Valley	Auburn Walnut	EL DORADO HILLS	GC	Quanta/Summit	F S
DI	Bay	vvainut Creek	ORINDA	GC	Alvah	F
			SOUTH SAN			٤
PN	Bay	San Mateo	FRANCISCO	Contract	Bess Test Labs	<u> </u>
		_				ξ
SO	North Coast	Santa Rosa	SANTA ROSA	GC	GC	<u> </u>
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SO	North Coast	Santa Rosa	SANTA ROSA	GC	GC	F
NB	North Coast	San Rafael	NOVATO	Contract	Contract	S F
IND	North Coast	Sali Nalaei	NOVATO	Contract	Contract	<u> </u>
CC	South Coast	Santa Cruz	APTOS	GC	GC	ŀ
	Codin Codot	Angels	711 100			ξ.
ST	Tri-Valley	Camp	ANGELS CAMP	Contract	Contract	ŀ
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DI	Bay	Concord	CONCORD	GC	GC	F
						٤
NB	North Coast	San Rafael	NOVATO	Contract	Contract	F
						S
HB	North	Lakeport	MIDDLETOWN			<u> </u>
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HB	North	Lakeport	MIDDLETOWN			F C
YO	Bay/Central	Marinaga	MARIPOSA			S F
10	Бау/Сепшаі	Mariposa	WARIPOSA			<u> </u>
NV	North	Redding	REDDING			ŀ
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НВ	North	Lakeport	KELSEYVILLE			ŀ
						5
НВ	North	Lakeport	UPPER LAKE			F
						દ
PN	Bay/Central	San Carlos	PESCADERO			F
						E
NV	North	Chico	BELDEN			<u> </u>
DN	Day/Oax/	0	DECCADEDO			ξ
PN	Bay/Central	San Carlos	PESCADERO			<u> </u>

Thank You,



Subject: RE: 12/2 Update: Forecasting 2021 System Hardening work Team Please take note of the latest list. These changes will become effective in the MPP work plan on Monday. Thanks all, Sr. Manager, Portfolio & Project Management Major Programs and Projects | Pacific Gas & Electric Company From: Sent: Thursday, December 3, 2020 3:26 PM To: Cc: Subject: FW: 12/2 Update: Forecasting 2021 System Hardening work GC Team & Construction Managers, I am passing along the information we received yesterday on the System Hardening workplan changes/reprioritization that have occurred. Please note the Hardening projects on the Keep vs Remove tab. If your project is on the Remove list, please begin moving these schedules out. Note: the PM team was asked to review the Remove list and comment on whether they believed a project should remain due to anything being in active construction/field conditions. These projects should be consolidated and reviewed/reconsidered to keep in the plan. If you find any projects that may meet this criteria please feel free to pass along to me or the PM team to escalate with any relevant information. Please let me know if you have any questions or concerns. Thank You, From: Sent: Wednesday, December 02, 2020 11:39 AM To:

Cc:
Subject: 12/2 Update: Forecasting 2021 System Hardening work
Team,
Per the System Hardening call this morning, there was an agreement that additional work currently in CONS should proceed. was able to consolidate all the projects in the updated attached Work Plan Proposed Changes. The direction remains from our earlier discussions. Anything in the "remove" tab please delay until at least 2022 both in your forecasts and schedule, however things in the "keep" tab the expectation would be to execute the planned projects.
Below is note with a high level summary of the information. Please let me or the team know if you have additional questions or comments.
"Attached is the latest and greatest. Note there was some overlap with previously approved "keep" jobs when I incorporated the list of 26 new ones.
I'm also keeping all the "strike force" jobs, as I am considering those 2020 projects that need to be buttoned up.
In total I am seeing <u>38 jobs approved by the committee</u> thus far <u>plus</u> <u>26 jobs that are "critical" or are already operational</u> , and should be wrapped up."
From: Sent: Tuesday, December 01, 2020 11:26 AM To: /
Cc:

Subject: Forecasting 2021 System Hardening work

Team,

Attached is the most up to date list of what is being removed from the 2021 System Hardening Plan. As we are all experiencing, the plan at this point is still fluid so there is still some potential for changes, but this is the best information we have at this time. I understand our forecasting cycle for December has started, thus I wanted to provide a bit of guidance for this work.

- If your project is on the "remove" list please make sure there are as few charges going forward on this project as possible.
- Update your schedule with a delay activity pushing these projects out at least one year.
- Update your forecast to reflect no work being complete in 2021. Please do not only delete the forecast but push it out into 2022 as we still do not have direction as to if the projects will be cancelled or merely deferred.
- There are some projects that are not on the list and in CONS we are hopeful to have confirmation on which of those projects will proceed today or tomorrow.

Lastly, I know the next question is likely when will the new work be distributed. At this point we still don't have clear information on which circuits will be the focus going forward, however we have communicated that we will need that ASAP in order to start the scoping and get a plan in place for 2021 of executable work.

Thank you all for your flexibility and focus as we reprioritize our work.

Manager, Project Management
Pacific Gas & Electric Company
Major Projects and Programs