From: To: CC: Sent: 3/2/2021 11:51:37 AM 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 From: **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 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 |



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

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

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

PG and E

"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 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

– Can you submit the DOT request to add back to the workplan (or confirm if you have)?

– please approve for GC when it is in your queue.

Thanks!

Thank You,

From:

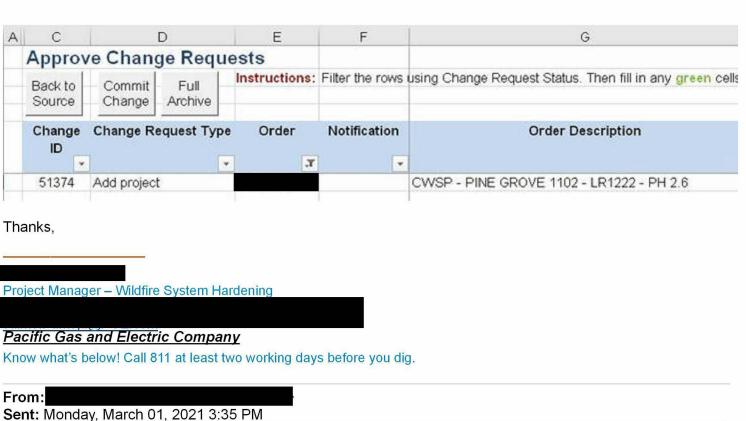
Sent: Monday, March 01, 2021 4:25 PM

To:

Cc:

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

Add Project request was submitted this morning to DOT.



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,

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
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 To:
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
 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.
Thanks,
From: Sent: Friday, February 26, 2021 8:45 AM

То:				
Cc:				
Subject: RE	E: URGENT: 12/2 Up	odate: Forecasting 2021	System Hardening work	
Hello Team,				
Do we not h	ave an update on th	nis PM – Phas	e 2.6?? We already set	15 of the poles.
Thank you!				
T&D GC Tri-\	onstruction Engineerin /alley nd Electric Company	g Supervisor		
From: Sent: Mond To:	ay, February 1, 202	1 11:22 PM		
Cc:				
Subject: RE	E: URGENT: 12/2 Up	odate: Forecasting 2021	System Hardening work	
Hi				
We haven't h or another?	eard back on this ye	t, can you help with follow	ving up on this and provi	de confirmation to GC one way
Thanks!				
Thank You,				
From: Sent: Sature To: Cc:	day, January 30, 20	21 3:16 PM		
Subject: RE	E: URGENT: 12/2 U	odate: Forecasting 2021	System Hardening work	
Hello Team,				
Following up poles.	o to see if we receive	ed approval to finish wor	king PM this y	year since we already set 15
PHASE	PM	TOTAL POPLES SET	WIRES PULLED (FT.)	
2.6		15	0	

Rotational Construction Engineering Supervisor
T&D GC Tri-Valley Pacific Gas and Electric Company
Tacilic Gas and Electric Company
From: Sent: Tuesday, January 19, 2021 1:38 PM
To:
Cc:
Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work
Hello Team,
Do we have an update on the approval for PM ?
Thank you!
Rotational Construction Engineering Supervisor T&D GC Tri-Valley Pacific Gas and Electric Company
From: Sent: Thursday, December 17, 2020 10:28 AM
To: To: Co:
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
Hi
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

Thank you!

	- Does not meet the criteria to stay in the work plan and cannot be worked. - Will remain in the workplan and we will continue to pursue the Caltrans DSDD permit.
Project Manager	
Pacific Gas and	Electric Company
From: Sent: Thursday, [To:	December 17, 2020 8:13 AM
Cc:	
Subject: RE: UR	GENT: 12/2 Update: Forecasting 2021 System Hardening work
Team	
	approval will be granted for the work to continue, however I have included in the no can discuss the situation with Asset Management and determine how to address this.
Thanks,	
To: Cc:	December 17, 2020 7:45 AM GENT: 12/2 Update: Forecasting 2021 System Hardening work
Hello	
	ondering if we can keep PM & PM on for 2021. They are both on the
	s already begun construction with more clearances scheduled. PM material and ordered and no permit required. This job is ready to go.
PM wa move forward.	s one of the jobs approved to keep but is not ready as pending Caltrans permit and we cannot
Thank you!	
Rotational Construc T&D GC Tri-Valley Pacific Gas and Ele	ectric Company
From: Sent: Wednesday	y, 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
				STILL WORKING ON IT / ON
2.6		15	0	POLES SHIPPED
				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,

Field Engineer, GC Line

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	LoadDate
		System Hardening	MPP	220 Mile Plan	GC	9/29/2020	2/18/202
		System Hardening	MPP	220 Mile Plan	GC	11/17/2020	2/18/202
		System Hardening	MPP	220 Mile Plan	GC	11/22/2020	2/18/202
		System Hardening	MPP	220 Mile Plan	GC	11/2/2020	2/18/202

REMOVE THESE HARDENING JOBS

Order#	Notif #	Program	Category	Sub-Category	Resource	Work Plan Date	LoadDate
		System Hardening	MPP	220 Mile Plan	GC	12/16/2020	2/18/2020
		System Hardening	MPP	2020 Act Rsrv	GC	12/31/2021	2/18/2020
		System Hardening	MPP	2020 Act Rsrv	GC	12/31/2021	2/18/2020
		System Hardening	MPP	2020 Act Rsrv	GC	12/31/2021	2/18/2020
		System Hardening	MPP	2020 Act Rsrv	GC	12/31/2021	2/18/2020
		System Hardening	MPP	2020 Act Rsrv	GC	12/31/2021	2/18/2020
		System Hardening	MPP	2020 Act Rsrv	GC	12/31/2021	2/18/2020
		System Hardening	MPP	2020 Rsrv	GC	12/31/2021	2/18/2020
		System Hardening	MPP	2020 Rsrv	GC	12/31/2021	2/18/2020
		System Hardening	MPP	2020 Rsrv	GC	12/31/2021	2/18/2020
		System Hardening	MPP	2020 Rsrv	GC	12/31/2021	2/18/2020
		System Hardening	MPP	2020 Rsrv	GC	12/31/2021	2/18/2020

Thank you!

Rotational Construction Engineering Supervisor T&D GC Tri-Valley

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

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

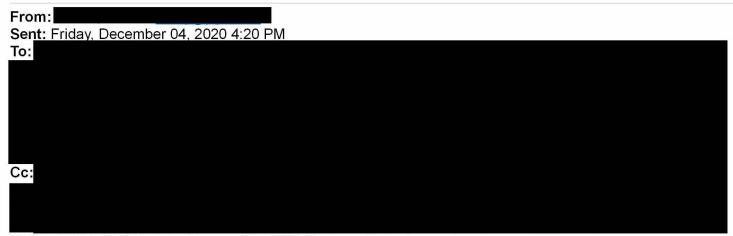
Hi all,

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.

Div	Region	Main Work Center	City	MPP WP Resource	Civil Support	Construction Resource	F
		Walnut					٤
DI	Bay	Creek	LAFAYETTE	GC		GC	F
							ξ
CC	South Coast	Santa Cruz	SANTA CRUZ	GC		GC	
	Sierra-North						5
SI	Valley	Auburn	EL DORADO HILLS	GC		Quanta/Summit	<u></u>
		Walnut					٤
DI	Bay	Creek	ORINDA	GC		Alvah	
			SOUTH SAN				٤
PN	Bay	San Mateo	FRANCISCO	Contract		Bess Test Labs	F
							€ -
SO	North Coast	Santa Rosa	SANTA ROSA	GC		GC	
							٤
SO	North Coast	Santa Rosa	SANTA ROSA	GC		GC	F
							ج ا-
NB	North Coast	San Rafael	NOVATO	Contract		Contract	
							<u>۲</u>
CC	South Coast	Santa Cruz	APTOS	GC		GC	۲
		Angels					٤
ST	Tri-Valley	Camp	ANGELS CAMP	Contract		Contract	F
							٤
DI	Bay	Concord	CONCORD	GC		GC	S F S
NB	North Coast	San Rafael	NOVATO	Contract		Contract	F
							٤
НВ	North	Lakeport	MIDDLETOWN				
							5) + 0) + 0)
HB	North	Lakeport	MIDDLETOWN				F
YO	Bay/Central	Mariposa	MARIPOSA				

				٤
NV	North	Redding	REDDING	F
				٤
HB	North	Lakeport	KELSEYVILLE	F
				٤
HB	North	Lakeport	UPPER LAKE	F
				٤
PN	Bay/Central	San Carlos	PESCADERO	F
				٤
NV	North	Chico	BELDEN	F
				٤
PN	Bay/Central	San Carlos	PESCADERO	ŀ

Thank You,



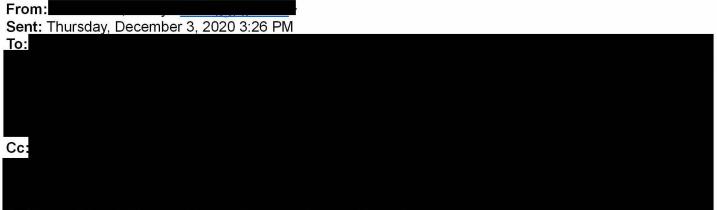
Subject: RE: 12/2 Update: Forecasting 2021 System Hardening work

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



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 <u>Keep</u> vs <u>Remove</u> 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,

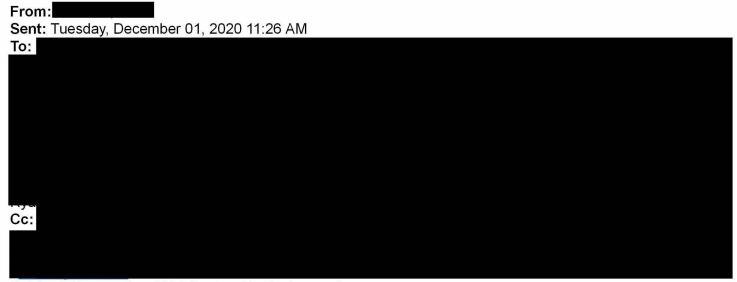
Per the System Hardening call this morning, there was an agreement that additional work currently in CONS should proceed. was able to consolidate all the projects in the updated attached Work Plan Proposed Changes. The direction remains from our earlier discussions. Anything in the "remove" tab please 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."



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