

From: [Redacted]
 To: [Redacted]
 Sent: 2/26/2021 4:36:05 PM
 Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work
 Attachments: Project List MAT 08W 2.0_022621.xlsx; WFRG System Hardening_02252021_v07.pptx

The following jobs were approved to move forward:

Order	Miles	Project	Risk Rank	Rationale;
[Redacted]	1.44	CWSP - PINE GROVE 1102 - LR1222 - PH 2.6	2,521 (69%)	Significant project
[Redacted]	1.75	CWSP-STANISLAUS 1702-LR1888-PH 1.2	2,386 (66%)	Significant project UNSE status

Order No.	CPZ	Work Bucket	Total MAVF Core Risk Value	Mean MAVF Risk R	Require work is c will be ect move
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WGC Decision (7.83 miles)

Request to Keep

[Redacted]	Wildwood [Redacted]	Top 250 Miles	0.4188	52	es CPZ have be
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WGC Inform (17.45 miles)

[Redacted]	Middletown [Redacted]	ECOP – Top 20%	0.1594	474	Anticipa ears to c EQA alr Applied and have
[Redacted]	Brunswick 1110CB	PSPS	0.0064	213	l by 11/2 nd Sant
[Redacted]	Placerville [Redacted]	REMG	0.0064	213	
[Redacted]	Mountain Quarries [Redacted]	Top 250 miles	0.4353	45	
[Redacted]	Bangor 1101CB	PSPS	0.1938	355	

The following approved

The following projects have recommended mit

Order No.	CPZ	Work Bucket	Total MAVF Core Risk Value	Mean MAVF Risk Ran
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WGC Decision (7.83 miles)

1	Wildwood	Top 250 Miles	0.4188	52
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WGC Inform (17.45 miles)

2	Middletown	ECOP – Top 20%	0.1594	474
3	Brunswick 1110CB	PSPS	0.0064	2134
4	Placerville	REMG	0.0064	2131
5	Mountain Quarries	Top 250 miles	0.4353	45
6	Bangor 1101CB	PSPS	0.1938	355

I was asked to rescope the other jobs you had requested. We will have to figure out next steps on those.

From: [Redacted]
 Sent: Friday, February 26, 2021 3:21 PM
 To: [Redacted]
 Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work

Where can I get the list of recent approvals? I have people asking about Fort Bragg as well.

Project Manager

Pacific Gas and Electric Company

From: [Redacted]
 Sent: Friday, February 26, 2021 9:34 AM
 To: [Redacted]
 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.

[REDACTED]

From: [REDACTED]
Sent: Friday, February 26, 2021 9:33 AM
To: [REDACTED]
Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work

[REDACTED] – I think this is actually in your court. I spoke with [REDACTED] and he mentioned that you and [REDACTED] were going to review this work. Do you think you could provide a status.

Thanks,

[REDACTED]

From: [REDACTED]
Sent: Friday, February 26, 2021 8:45 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work

Hello Team,

Do we not have an update on this PM [REDACTED] Phase 2.6?? We already set 15 of the poles.

Thank you!

[REDACTED]
[Rotational Construction Engineering Supervisor](#)
[T&D GC Tri-Valley](#)
[Pacific Gas and Electric Company](#)

From: [REDACTED]
Sent: Monday, February 1, 2021 11:22 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work

Hi [REDACTED]

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,
[REDACTED]

From: [REDACTED]

Sent: Saturday, January 30, 2021 3:16 PM

To: [REDACTED]

Cc: [REDACTED]

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

Hello Team,

Following up to see if we received approval to finish working PM [REDACTED] this year since we already set 15 poles.

PHASE	PM	TOTAL POPLES SET	WIRES PULLED (FT.)
2.6	[REDACTED]	15	0

Thank you!

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

From: [REDACTED]

Sent: Tuesday, January 19, 2021 1:38 PM

To: [REDACTED]

Cc: [REDACTED]

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

Hello Team,

Do we have an update on the approval for PM [REDACTED] ?

Thank you!

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

From: [REDACTED]

Sent: Thursday, December 17, 2020 10:28 AM

To: [REDACTED]

Cc: [REDACTED]

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

I concur. We will reach out for more information as needed to get [REDACTED] approved.

From: [REDACTED]
Sent: Thursday, December 17, 2020 10:02 AM

To: [REDACTED]
Cc: [REDACTED]
Subject: RE: URGENT: 12/2 Update: Forecasting 2021 System Hardening work

Hi [REDACTED]

I spoke with [REDACTED] copied here, about these projects. The response is as follows;

- [REDACTED] – 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 [REDACTED] with their decision
- [REDACTED] – Does not meet the criteria to stay in the work plan and cannot be worked.
- [REDACTED] – Will remain in the workplan and we will continue to pursue the Caltrans DSDD permit.

[REDACTED]
Project Manager
[REDACTED]

Pacific Gas and Electric Company

From: [REDACTED]
Sent: Thursday, December 17, 2020 8:13 AM

To: [REDACTED]
Cc: [REDACTED]
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 [REDACTED] in the conversation – who can discuss the situation with Asset Management and determine how to address this.

Thanks,

From: [REDACTED]
Sent: Thursday, December 17, 2020 7:45 AM

To: [REDACTED]
Cc: [REDACTED]
Subject: FW: URGENT: 12/2 Update: Forecasting 2021 System Hardening work

Hello [REDACTED]

[REDACTED] is wondering if we can keep PM [REDACTED] & PM [REDACTED] on for 2021. They are both on the remove list.

PM [REDACTED] has already begun construction with more clearances scheduled. PM [REDACTED] material and poles have been ordered and no permit required. This job is ready to go.

PM [REDACTED] was one of the jobs approved to keep but is not ready as pending Caltrans permit and we cannot move forward.

Thank you!

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

From: [REDACTED]
Sent: Wednesday, December 16, 2020 8:33 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: URGENT: 12/2 Update: Forecasting 2021 System Hardening work

Morning [REDACTED]

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

Table 1

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

From this above Table 1, we only have Phase 2.3 (PM [REDACTED]) 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	[REDACTED]	15	0	STILL WORKING ON IT / ON POLES SHIPPED
1.3	[REDACTED]	0	0	NO PERMIT REQUIRED/ MTL 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,

[REDACTED]
Field Engineer, GC Line

[REDACTED]
Angels Camp, CVR

From: [REDACTED]
Sent: Tuesday, December 15, 2020 18:47
To: [REDACTED]
Cc: [REDACTED]
Subject: FW: 12/2 Update: Forecasting 2021 System Hardening work

Hello [REDACTED]

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
[REDACTED]		System Hardening	MPP	220 Mile Plan	GC	9/29/2020	2/
[REDACTED]		System Hardening	MPP	220 Mile Plan	GC	11/17/2020	2/
[REDACTED]		System Hardening	MPP	220 Mile Plan	GC	11/22/2020	2/
[REDACTED]		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	Lo
[REDACTED]		System Hardening	MPP	220 Mile Plan	GC	12/16/2020	2/
[REDACTED]		System Hardening	MPP	2020 Act Rsrv	GC	12/31/2021	2/
[REDACTED]		System Hardening	MPP	2020 Act Rsrv	GC	12/31/2021	2/
[REDACTED]		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

From: [Redacted]
Sent: Tuesday, December 08, 2020 11:00 AM
To: [Redacted]

Cc: [Redacted]

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

Hi all,

I added in Division & Click Dates to the latest file [Redacted] 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
DI	Bay	Walnut Creek	LAFAYETTE	GC		GC	S
CC	South Coast	Santa Cruz	SANTA CRUZ	GC		GC	S
SI	Sierra-North Valley	Auburn	EL DORADO HILLS	GC		Quanta/Summit	S
DI	Bay	Walnut Creek	ORINDA	GC		Alvah	S

PN	Bay	San Mateo	SOUTH SAN FRANCISCO	Contract	Bess Test Labs	S F
SO	North Coast	Santa Rosa	SANTA ROSA	GC	GC	S F
SO	North Coast	Santa Rosa	SANTA ROSA	GC	GC	S F
NB	North Coast	San Rafael	NOVATO	Contract	Contract	S F
CC	South Coast	Santa Cruz	APTOS	GC	GC	S F
ST	Tri-Valley	Angels Camp	ANGELS CAMP	Contract	Contract	S F
DI	Bay	Concord	CONCORD	GC	GC	S F
NB	North Coast	San Rafael	NOVATO	Contract	Contract	S F
HB	North	Lakeport	MIDDLETOWN			S F
HB	North	Lakeport	MIDDLETOWN			S F
YO	Bay/Central	Mariposa	MARIPOSA			S F
NV	North	Redding	REDDING			S F
HB	North	Lakeport	KELSEYVILLE			S F
HB	North	Lakeport	UPPER LAKE			S F
PN	Bay/Central	San Carlos	PESCADERO			S F
NV	North	Chico	BELDEN			S F
PN	Bay/Central	San Carlos	PESCADERO			S F

Thank You,

From: [REDACTED]
Sent: Friday, December 04, 2020 4:20 PM
To: [REDACTED]

Cc: [REDACTED]

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,

[REDACTED]
Sr. Manager, Portfolio & Project Management
Major Programs and Projects | Pacific Gas & Electric Company
[REDACTED]

From: [REDACTED]

Sent: Thursday, December 3, 2020 3:26 PM

To: [REDACTED]

Cc: [REDACTED]

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,
[REDACTED]

From: [REDACTED]

Sent: Wednesday, December 02, 2020 11:39 AM

To: [REDACTED]

Cc: [REDACTED]

[REDACTED]

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. [REDACTED] 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 [REDACTED] 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 38 jobs approved by the committee thus far plus 26 jobs that are “critical” or are already operational, and should be wrapped up.”

[REDACTED]

From: [REDACTED]

Sent: Tuesday, December 01, 2020 11:26 AM

To: [REDACTED]

Cc: [REDACTED]

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.

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