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**From:** [REDACTED]  
**To:** [REDACTED]  
**CC:** [REDACTED]  
**Sent:** 12/17/2020 8:12:56 AM  
**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,

[REDACTED]

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**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]

GC Stockton is wondering if we can keep PM 35114051 & PM 35114041 on for 2021. They are both on the remove list.

PM 35114051 has already begun construction with more clearances scheduled. PM 35114041 material and poles have been ordered and no permit required. This job is ready to go.

PM 35114040 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]

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**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	35114040	28	0	NO CALTRANS PERMIT / CAI
2.3	35114048	25	0	GOOD STANDING FOR 2021
2.4	35114049	51	4,007	1 CLEARANCE TO COMPLET SET
1.6	35114044	50	4,802	1 CLEARANCE TO COMPLET TO SET

From this above Table 1, we only have Phase 2.3 (PM 35114048) 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	35114051	15	0	STILL WORKING ON IT / ONC POLES SHIPPED
1.3	35114041	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]

**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.
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35114040		System Hardening	MPP	220 Mile Plan		9/29/2020	2/
35114048		System Hardening	MPP	220 Mile Plan		11/17/2020	2/
35114049		System Hardening	MPP	220 Mile Plan		11/22/2020	2/
35114044		System Hardening	MPP	220 Mile Plan		11/2/2020	2/


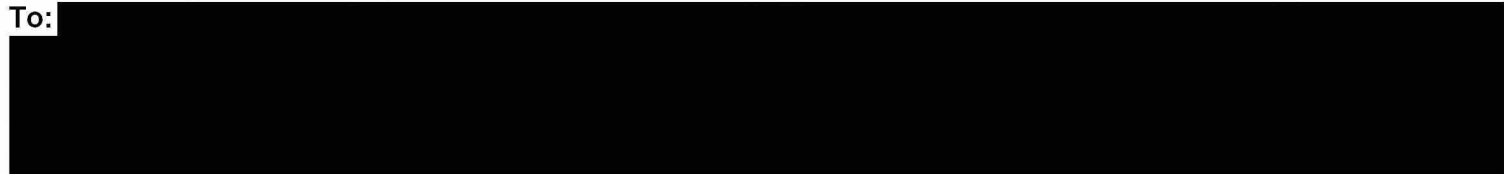
**REMOVE THESE HARDENING JOBS**

Order #	Notif #	Program	Category	Sub-Category	Resource	Work Plan Date	Lo:
35114041		System Hardening	MPP	220 Mile Plan		12/16/2020	2/
35114052		System Hardening	MPP	2020 Act Rsrv		12/31/2021	2/
35114050		System Hardening	MPP	2020 Act Rsrv		12/31/2021	2/
35114051		System Hardening	MPP	2020 Act Rsrv		12/31/2021	2/
35114045		System Hardening	MPP	2020 Act Rsrv		12/31/2021	2/
35116515		System Hardening	MPP	2020 Act Rsrv		12/31/2021	2/
35116516		System Hardening	MPP	2020 Act Rsrv		12/31/2021	2/
35095163		System Hardening	MPP	2020 Rsrv		12/31/2021	2/
35095168		System Hardening	MPP	2020 Rsrv		12/31/2021	2/
35114053		System Hardening	MPP	2020 Rsrv		12/31/2021	2/
35114046		System Hardening	MPP	2020 Rsrv		12/31/2021	2/
35116519		System Hardening	MPP	2020 Rsrv		12/31/2021	2/

Thank you!

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


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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 [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	Program
DI	Bay	Walnut Creek	LAFAYETTE	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
CC	South Coast	Santa Cruz	SANTA CRUZ	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
SI	Sierra-North Valley	Auburn	EL DORADO HILLS	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
DI	Bay	Walnut Creek	ORINDA	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
PN	Bay	San Mateo	SOUTH SAN FRANCISCO	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
SO	North Coast	Santa Rosa	SANTA ROSA	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
SO	North Coast	Santa Rosa	SANTA ROSA	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
NB	North Coast	San Rafael	NOVATO	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
CC	South Coast	Santa Cruz	APTOS	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
ST	Tri-Valley	Angels Camp	ANGELS CAMP	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
DI	Bay	Concord	CONCORD	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
NB	North Coast	San Rafael	NOVATO	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
HB	North	Lakeport	MIDDLETOWN	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
HB	North	Lakeport	MIDDLETOWN	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
YO	Bay/Central	Mariposa	MARIPOSA	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
NV	North	Redding	REDDING	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
HB	North	Lakeport	KELSEYVILLE	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
HB	North	Lakeport	UPPER LAKE	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
PN	Bay/Central	San Carlos	PESCADERO	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
NV	North	Chico	BELDEN	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening
PN	Bay/Central	San Carlos	PESCADERO	[REDACTED]	[REDACTED]	[REDACTED]	System Hardening

Thank You,

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**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

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**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,

**From:** [REDACTED]  
**Sent:** Wednesday, December 02, 2020 11:39 AM  
**To:** [REDACTED]

**Cc:** [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.*

**From:** [REDACTED]  
**Sent:** Tuesday, December 01, 2020 11:26 AM  
**To:** [REDACTED]

[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

[REDACTED]