

**From:** [REDACTED]  
**To:** [REDACTED]  
**CC:** [REDACTED]  
**Sent:** 7/8/2021 6:22:04 PM  
**Subject:** RE: EC Tags on planned System Hardening Projects for 2022

[REDACTED]  
 Thank you, at least for now, the 1742 tags is very helpful.

**From:** [REDACTED]  
**Sent:** Thursday, July 08, 2021 8:54 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: EC Tags on planned System Hardening Projects for 2022

[REDACTED]  
 Not sure when you need this data, but if you need something right away see below. The data from the EC tags need to be cleaned up to ensure I have accurate delineation between E, F, and H as well as Tier 2/3. My Senior DE that was working on this tried to get as much done as he could yesterday but is out on planned vacation starting today until Tuesday.

But in summary, the projects with approved scope currently slated for 2022 include 1742 EC tags that will be or already have been converted to H status.

Count of NOTIFICATION	Column Labels				
Row Labels	TBD	Tier 2	Tier 3	Tree Mort	Grand Total
<b>Grand Total</b>	<b>23</b>	<b>940</b>	<b>761</b>	<b>18</b>	<b>1742</b>

TBD (23 tags) – do not have and identified Tier in the dataset.

Tree Mort (18 tags) – These have Tree Mortality in the HFTD field when the data was collected, I'll need to validate that.

Summary with known CPZ's is below (note: I have to manually research each tag and trace back to identify the CPZ for 46 tags as this is not in the EC tag dataset):

Count of NOTIFICATION	Column Labels				
Row Labels	0	Tier 2	Tier 3	Tree Mort	Grand Total
<b>01202-2213, CLAYTON</b>	<b>1</b>				<b>1</b>
120736419	1				1
<b>01204-1131, OAKLAND D</b>	<b>1</b>				<b>1</b>
114974435	1				1
<b>01254-1106, OAKLAND X</b>		<b>2</b>			<b>2</b>
120720566		1			1
120734224		1			1
<b>01334-0401, SPRUCE</b>		<b>1</b>			<b>1</b>
120743756		1			1
<b>01368-1112, EDES</b>		<b>2</b>			<b>2</b>
120736888		1			1
120757814		1			1
<b>01416-1108, ROSSMOOR</b>	<b>1</b>				<b>1</b>

120757383	1		1
<b>01434-1105, VALLEY VIEW</b>		<b>3</b>	<b>3</b>
120742885		1	1
120757194		1	1
120758610		1	1
<b>01466-2112, TASSAJARA</b>			<b>1</b>
117186607		1	1
<b>02272-1106, SNEATH LANE</b>		<b>1</b>	<b>1</b>
120757193		1	1
<b>02272-1107, SNEATH LANE</b>	<b>1</b>		<b>1</b>
120759600	1		1
<b>02404-0403, BERESFORD</b>		<b>1</b>	<b>1</b>
120748822		1	1
<b>02408-0402, EMERALD LAKE</b>		<b>1</b>	<b>1</b>
120724176		1	1
<b>02413-1103, MENLO</b>		<b>1</b>	<b>1</b>
120737715		1	1
<b>02425-1101, WOODSIDE</b>			<b>3</b>
120720273			1
120724461			1
120724927			1
<b>02425-1104, WOODSIDE</b>	<b>2</b>		<b>2</b>
120736740	1		1
120743861	1		1
<b>04201-1107, SAN RAFAEL</b>		<b>1</b>	<b>1</b>
120734043		1	1
<b>04202-1112, NAPA</b>		<b>1</b>	<b>1</b>
117186580		1	1
<b>04249-1102, SAUSALITO</b>		<b>1</b>	<b>1</b>
120758920		1	1
<b>04256-1107, FULTON</b>			<b>1</b>
119783700			1
<b>04257-1101, MOLINO</b>		<b>1</b>	<b>1</b>
120747672		1	1
<b>04268-1102, LAYTONVILLE</b>		<b>1</b>	<b>1</b>
120744602		1	1
<b>04299-1105, LAS GALLINAS A</b>	<b>2</b>		<b>2</b>
120743304	1		1
120758354	1		1
<b>04302-1101, WOODACRE</b>		<b>1</b>	<b>3</b>
120737400			1
120746440			1
120756968		1	1
<b>04302-1102, WOODACRE</b>			<b>1</b>
120216747			1
<b>08216-0401, LOYOLA</b>	<b>1</b>		<b>1</b>
119684335	1		1
<b>08283-1109, MILPITAS</b>		<b>1</b>	<b>1</b>
120745344		1	1
<b>08284-1102, BIG BASIN</b>			<b>1</b>
120737939			1
<b>08324-2105, MORGAN HILL</b>		<b>1</b>	<b>1</b>

120760616		1	1
<b>08325-2109, PAUL SWEET</b>	<b>2</b>		<b>2</b>
117186568	1		1
117186585	1		1
<b>08339-2110, SWIFT</b>	<b>1</b>		<b>1</b>
120741367	1		1
<b>08362-2103, CAMP EVERS</b>		<b>1</b>	<b>1</b>
117192142		1	1
<b>08362-2106, CAMP EVERS</b>		<b>4</b>	<b>4</b>
117186588		1	1
117186589		1	1
117186591		1	1
117186596		1	1
<b>10254-1101, VOLTA</b>	<b>60</b>		<b>60</b>
(blank)	60		60
<b>10254-1102, VOLTA</b>	<b>1</b>		<b>1</b>
117212077	1		1
<b>10283-1106, PARADISE</b>		<b>1</b>	<b>1</b>
120723808		1	1
<b>10291-1107, WYANDOTTE</b>	<b>1</b>		<b>1</b>
117214216	1		1
<b>10291-1109, WYANDOTTE</b>	<b>2</b>		<b>2</b>
120769596	1		1
120770159	1		1
<b>10297-1111, SYCAMORE CREEK</b>		<b>1</b>	<b>1</b>
120727868		1	1
<b>10319-1101, BANGOR</b>	<b>1</b>		<b>1</b>
120740988	1		1
<b>10332-1101, CEDAR CREEK</b>	<b>1</b>		<b>1</b>
117186613	1		1
<b>10333-1102, CORNING</b>	<b>1</b>		<b>1</b>
119204321	1		1
<b>10354-1104, RED BLUFF</b>	<b>1</b>	<b>1</b>	<b>2</b>
117186564	1		1
117186567	1		1
<b>10356-1101, STILLWATER</b>	<b>2</b>		<b>2</b>
120741336	1		1
120741374	1		1
<b>15218-1102, FORESTHILL</b>		<b>1</b>	<b>1</b>
120758563		1	1
<b>15224-1102, HALSEY</b>	<b>2</b>		<b>2</b>
120738779	1		1
120755084	1		1
<b>15226-1103, DIAMOND SPRINGS</b>	<b>1</b>		<b>1</b>
120739435	1		1
<b>15226-1107, DIAMOND SPRINGS</b>		<b>1</b>	<b>1</b>
120757522		1	1
<b>15227-1102, WISE</b>	<b>1</b>		<b>1</b>
120726655	1		1
<b>15248-1106, BRUNSWICK</b>		<b>1</b>	<b>1</b>
119639368		1	1
<b>15270-1108, BELL</b>	<b>1</b>		<b>1</b>

120759485		1		1
<b>15308-1111, PLACERVILLE</b>	<b>1</b>			<b>1</b>
120755219	1			1
<b>15308-2106, PLACERVILLE</b>			<b>1</b>	<b>1</b>
120757015			1	1
<b>15313-2101, NARROWS</b>		<b>1</b>		<b>1</b>
117186571		1		1
<b>15366-1104, APPLE HILL</b>			<b>1</b>	<b>1</b>
120741915			1	1
<b>15366-2102, APPLE HILL</b>		<b>1</b>	<b>2</b>	<b>3</b>
117186614			1	1
117186615			1	1
120759184		1		1
<b>16216-1101, ELECTRA</b>		<b>2</b>		<b>2</b>
117186599		1		1
120756774		1		1
<b>16221-1101, CALAVERAS CEMENT</b>	<b>3</b>			<b>3</b>
120726029	1			1
120739583	1			1
120741519	1			1
<b>16283-1702, SPRING GAP</b>		<b>1</b>		<b>1</b>
120739068		1		1
<b>16299-1103, CORRAL</b>	<b>2</b>			<b>2</b>
120743432	1			1
120747602	1			1
<b>16316-0401, PINECREST</b>		<b>1</b>		<b>1</b>
120727821		1		1
<b>16320-1101, WEST POINT</b>			<b>2</b>	<b>2</b>
120734128			1	1
120747890			1	1
<b>16335-1702, CURTIS</b>	<b>1</b>			<b>1</b>
120739239	1			1
<b>16335-1705, CURTIS</b>		<b>3</b>		<b>3</b>
117186556		1		1
120757293		1		1
120758095		1		1
<b>16345-1702, FROGTOWN</b>		<b>3</b>		<b>3</b>
120737189		1		1
120742512		1		1
120757843		1		1
<b>16348-1103, WEBER</b>	<b>1</b>			<b>1</b>
114972623	1			1
<b>16366-1702, MIWUK</b>			<b>1</b>	<b>1</b>
120724257			1	1
<b>16375-1102, PINE GROVE</b>			<b>2</b>	<b>2</b>
120728303			1	1
120747342			1	1
<b>16378-1704, PEORIA</b>	<b>1</b>	<b>1</b>		<b>2</b>
120747802		1		1
120758479	1			1
<b>18268-1102, ZACA</b>			<b>1</b>	<b>1</b>

120745238		1		1
<b>18318-1101, SAN JUSTO</b>	<b>1</b>			<b>1</b>
120742382	1			1
<b>19225-1102, RIO DELL</b>	<b>1</b>			<b>1</b>
120726221	1			1
<b>25252-1103, SAN JOAQUIN #2</b>	<b>1</b>			<b>1</b>
117192048	1			1
<b>25253-1103, SAN JOAQUIN #3</b>		<b>1</b>		<b>1</b>
117186583		1		1
<b>25355-1102, SMYRNA</b>	<b>1</b>			<b>1</b>
119668363	1			1
<b>25442-1101, OAKHURST</b>	<b>1</b>			<b>1</b>
117192195	1			1
<b>25442-1103, OAKHURST</b>	<b>1</b>			<b>1</b>
117186598	1			1
<b>25443-2102, COARSEGOLD</b>		<b>1</b>		<b>1</b>
117186610		1		1
<b>25443-2104, COARSEGOLD</b>	<b>275</b>		<b>18</b>	<b>293</b>
(blank)	275		18	293
<b>BUCKS CREEK 1101</b>	<b>27</b>	<b>7</b>		<b>34</b>
BUCKS CREEK 1101CB	22	7		29
(blank)	5			5
<b>CLAYTON 2212</b>		<b>40</b>		<b>40</b>
CLAYTON 221296224		40		40
<b>DIAMOND SPRINGS 1107</b>	<b>16</b>	<b>25</b>		<b>41</b>
1402	16	25		41
<b>FULTON 1107</b>		<b>39</b>		<b>39</b>
604		39		39
<b>KESWICK 1101</b>		<b>24</b>		<b>24</b>
KESWICK 11011586		24		24
<b>KIRKER 2104</b>	<b>15</b>			<b>15</b>
KIRKER 2104442850	15			15
<b>KONOCTI 1102</b>	<b>31</b>			<b>31</b>
KONOCTI 11024300	6			6
KONOCTI 1102596	7			7
KONOCTI 1102CB	12			12
(blank)	6			6
<b>LAS GALLINAS A 1105</b>		<b>12</b>		<b>12</b>
532		1		1
99904		11		11
<b>MIDDLETOWN 1101</b>	<b>4</b>	<b>304</b>		<b>308</b>
MIDDLETOWN 110148212	2	153		155
MIDDLETOWN 1101548	1	76		77
(blank)	1	75		76
<b>MIDDLETOWN 1102</b>	<b>38</b>	<b>1</b>		<b>39</b>
MIDDLETOWN 1101CB	1			1
MIDDLETOWN 1102CB	30	1		31
(blank)	7			7
<b>MIDDLETOWN 1103</b>	<b>63</b>	<b>80</b>		<b>143</b>
MIDDLETOWN 1103830	60	73		133
(blank)	3	7		10
<b>SHINGLE SPRINGS 2109</b>	<b>146</b>	<b>149</b>		<b>295</b>

SHINGLE SPRINGS 210935598	32	28	60
SHINGLE SPRINGS 21099372	95	85	180
SHINGLE SPRINGS 2109CB		1	1
(blank)	19	35	54
<b>TIDEWATER 2106</b>	<b>34</b>		<b>34</b>
TIDEWATER 210614072	34		34
<b>UPPER LAKE 1101</b>	<b>2</b>		<b>2</b>
UPPER LAKE 1101CB	2		2
<b>VOLTA 1101</b>	<b>127</b>	<b>48</b>	<b>175</b>
VOLTA 11011568	54	26	80
VOLTA 110180454	3		3
VOLTA 1101CB	58	10	68
(blank)	12	12	24
<b>WYANDOTTE 1109</b>	<b>4</b>		<b>4</b>
WYANDOTTE 110932586	4		4
<b>(blank)</b>	<b>46</b>		<b>46</b>
(blank)	46		46
<b>Grand Total</b>	<b>23</b>	<b>940</b>	<b>761</b>
		<b>18</b>	<b>1742</b>

Hope this helps,

██████████ | Manager, Grid Design  
Pacific Gas and Electric Company

**From:** ██████████  
**Sent:** Wednesday, July 7, 2021 10:41 AM  
**To:** ██████████  
**Cc:** ██████████  
**Subject:** RE: EC Tags on planned System Hardening Projects for 2022

I would like to see number of E, F and H tag broken up by circuit/CPZ, and if possible by Tier 2 and Tier 3.

For example, something like:

CPZ Name	Circuit Name	Tier 2			Tier 3		
		E Tags	F Tags	H Tags	E Tags	F Tags	H Tags

**From:** ██████████  
**Sent:** Wednesday, July 07, 2021 9:51 AM  
**To:** ██████████  
**Cc:** ██████████  
**Subject:** RE: EC Tags on planned System Hardening Projects for 2022

I have ██████████ on my team putting that together for you. Do you just need a % of plan and total H tags?

[REDACTED]

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**From:** [REDACTED]  
**Sent:** Wednesday, July 7, 2021 9:29 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: EC Tags on planned System Hardening Projects for 2022

[REDACTED]: From what we have committed so far, can we provide our current view of what tags could be addressed?

[REDACTED]

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**From:** [REDACTED]  
**Sent:** Wednesday, July 07, 2021 9:25 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: EC Tags on planned System Hardening Projects for 2022

[REDACTED]

We do not have a full committed 2022 plan. Targeting EOM July for that plan. Could provide that summary at that time.

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**From:** [REDACTED]  
**Sent:** Wednesday, July 7, 2021 9:15 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** EC Tags on planned System Hardening Projects for 2022

[REDACTED]

Do we have a summary of how many tags are being addressed with our system hardening projects be placed into service in 2022? Would those be under the H-Tag status? If so, how many H-Tags are going to be addressed with planned to be in service 2022 projects.

Thanks

[REDACTED] **Sr. Director of Electric Asset Strategy**  
Pacific Gas and Electric Company | [REDACTED]

*Some of the measures included in this email are contemplated as additional precautionary measures intended to further reduce the risk of wildfires.*