

From:

[REDACTED]

To:

Sent: 2/11/2021 2:11:56 PM

Subject: RE: Projects needs scoping documents uploaded to EDRS - Update 2/9/21 PM

Thanks for the review. Here's the changes/explanations for your comments:

- For the Hybrid cost per mile, it seems off. Overhead is showing all OH alternative as [REDACTED] whereas as OH hardening in hybrid costs [REDACTED].
I had started the EASOP before you and [REDACTED] fixed the \$/mile equation and forgot to update it for this EASOP. It has now been updated with the new equations and is [REDACTED] for Hybrid and matches the All OH cost/mile
- Shouldn't the O&M cost be a little lower for the hybrid model as well. As it is majority underground, the O&M should be closer to the UG model than the OH.
The hybrid [REDACTED] of the OH footage that the all OH has [REDACTED]. So it has 62% of the O&M costs of the OH. Plus it has about 48% of the UG costs [REDACTED]. So add those together and you get the total O&M costs for hybrid. At least that is how the sheet calculates that value. If that's wrong, we will need to change how the spreadsheet calculates this number. This would require changing the "behind the scenes" stuff the business finance group created for us. I was told I shouldn't mess with those cells and tabs, but I can play around with it if you'd like to see that number lower.
- How are we not getting 100% PSPS savings for the all UG model. Is it because the CB was not shut off on 1 of the 2 instances?
Correct, the CB was one of the two events.
- For the now system hardening, should it at minimum be low? How can we have low Fall-in Risk once hardened, but none before hardening?
Thanks for the catch. That was a mouse-typo! That has been corrected.

Let me know how you'd like me to address the 2nd bullet.

From:

[REDACTED]

Sent: Thursday, February 11, 2021 13:50

To:

[REDACTED]

Subject: RE: Projects needs scoping documents uploaded to EDRS - Update 2/9/21 PM

Comments:

For the Hybrid cost per mile, it seems off. Overhead is showing all OH alternative as [REDACTED] whereas as OH hardening in hybrid costs [REDACTED]?

Shouldn't the O&M cost be a little lower for the hybrid model as well. As it is majority underground, the O&M should be closer to the UG model than the OH.

How are we not getting 100% PSPS savings for the all UG model. Is it because the CB was not shut off on 1 of the 2 instances?

For the now system hardening, should it at minimum be low? How can we have low Fall-in Risk once hardened, but none before hardening?

Thanks!

[REDACTED]

From: [REDACTED]
Sent: Wednesday, February 10, 2021 4:08 PM
To: [REDACTED]
Subject: RE: Projects needs scoping documents uploaded to EDRS - Update 2/9/21 PM

Just finished up Middletown 1101 H12 LR 548 Ph1. Please check the [sharedrive link](#). No rush, but once you are good with it let me know and I'll upload to EDRS.

FYI...the weather is super nice right now so I'm going to take the dog for a walk at Spring Lake and will work a couple hours tonight on Phase 2 & 3 to make up for it (not on OT). I'll have my cell on me if you need anything.

Thanks,
[REDACTED]

[2021-04465](#) 35174478 - ECOP - MIDDLETOWN 1101 - H12 - LR548-PH1 EDR request is being routed. F

From: [REDACTED]
Sent: Tuesday, February 09, 2021 22:27
To: [REDACTED]
Cc: [REDACTED]
Subject: Projects needs scoping documents uploaded to EDRS - Update 2/9/21 PM

Sorry for the delay. I thought I had sent this out earlier today but I just realized I never did.

A note about the other two phases of Middletown 1103 LR 830 (Phase 3 & 4). I went ahead and updated EDRS for both of them despite Phase 3 having some pending changes to the KS and Worksheet. But those changes won't impact the WFRG or EASOP, so you can go over those with the WFGC and just remember that the preferred is all UG.

The other thing is we need a decision on Columbia Hill. It turns out that it is for TripSaver 8233 zone, which was ranked higher about 600 on the previous model but is ranked ~2000 on the latest model. We suspect it was still on the list as it may have accidentally been re-named to zone LR 2212 which is 606 on the new priority model. It is not in the top 20% so we need to decide if we should cancel it or keep moving forward with it.

Let me know if you have any questions.

Thanks,
[REDACTED]

2021-08732	35219093 - CWSP - TIDEWATER 210614072	EDR request is being routed.	P
2021-08449	35223030 - PSPS - BANGOR 1101 CB - MICROGRID	EDR request is being routed.	P
2021-08443	35223039 - PSPS - WYANDOTTE 1109 - MOORETOWN RANCH	EDR request is being routed.	P
2021-08349	35219099 - CWSP - HIGHLANDS 1102628	EDR request is being routed.	P

2021-08160	35223036 - PSPS - BRUNSWICK 1110 - MORGAN RANCH DR	EDR request is being routed.	Project S
2021-07704	35223061 - PSPS - CALISTOGA 1102 - DUNAWREAL WTP	EDR request is being routed.	Project S
2021-07698	35223062 - PSPS - CALISTOGA 1102 - W/O NAPA RIVER	EDR request is being routed.	Project S
2021-06302	35220895 - SH - MIDDLETOWN 1103 - LR 830 PH2	EDR request is being routed.	Project S
2021-06095	35223037 - PSPS - OAKHURST 1101 - OAKHURST	EDR request is being routed.	Project S
2021-06068	35224378 - VACAVILLE 11046542 PH 2	EDR request is being routed.	Project S
2021-06017	35219096 - CWSP - KIRKER 2104442850	EDR request is being routed.	Project S
2021-05676	35217271 - SH - MIDDLETOWN 1103 LR 830 PH1	EDR request is being routed.	Project S
2021-05667	35219276 - VACAVILLE 11046542	EDR request is being routed.	Project S
2021-04771	35219097 - CWSP - COARSEGOLD 2104CB	EDR request is being routed.	Project S
2021-04756	35192281 - ECOP - MIDDLETOWN 1101 - H16-LR48212 Ph1	EDR request is being routed.	Project S
2021-04672	35220896 - SH - MIDDLETOWN 1103 - LR 830 PH3	EDR request is being routed.	Project S
2021-04671	35217269 - SH - MIDDLETOWN 1102 - LR 302610	EDR request is being routed.	Project S
2021-04465	35174478 - ECOP - MIDDLETOWN 1101 - H12 - LR548-PH1	EDR request is being routed.	Project S
2021-04464	35174479 - ECOP - MIDDLETOWN 1101 - H12 - LR548-PH2	EDR request is being routed.	Project S
2021-04463	35174501 - ECOP - MIDDLETOWN 1101 - H12 - LR548-PH3	EDR request is being routed.	Project S
2021-04460	35191937 - ECOP - PUEBLO 2102 - H01-LR792	EDR request is being routed.	Project S
2021-04349	35219260 - CWSP - WYANDOTTE 110932586	EDR request is being routed.	Project S
2021-04308	35219589 - CWSP - WILDWOOD 11011454	EDR request is being routed.	Project S
2021-04257	35224321 - CWSP - WILDWOOD 1101 LR 1454 TEHAMA CO	EDR request is being routed.	Project S
2021-03830	35192282 - ECOP - MIDDLETOWN 1101 - H16-LR48212 Ph2	EDR request is being routed.	Project S
2021-03825	35217272 - SH - KESWICK 1101 LR 1586	EDR request is being routed.	Project S
2021-03692	35222045 - SH - MIDDLTOWN 1103 - LR 830 PH4	EDR request is being routed.	Project S
2021-03592	35026643 RECONDUCTOR DIAMOND SPRINGS 1105	EDR request is being routed.	Project S
2021-03589	35054184 - CWSP-COLUMBIA HILL 1101-TS8233-PH1.1	EDR request is being routed.	Project S
2020-76907	35047601 - ECOP-BRUNSWICK 1105-H01-LR32536 ZONE PH2	EDR request is not yet being routed.	Project S
2020-76555	35048678 - ECOP-BRUNSWICK 1105-H01-LR32536 ZONE PH3	EDR request is not yet being routed.	Project S
2020-73899	35046371 - ECOP - STANISLAUS 1702 LR 37276	EDR request is not yet being routed.	Project S

From: [REDACTED]

Sent: Thursday, February 04, 2021 12:14

To: [REDACTED]

Cc: [REDACTED]

Subject: Projects needs scoping documents uploaded to EDRS - Update 2/4/21 PM

[REDACTED]

There are 5 jobs ready for you to review (Middletown LR 48212 was merged into one EASOP/WFRG). When you get around to checking them out, please review them in the sharedrive links provided (not EDRS). Once you are good with everything, we will ensure EDRS is up to date.

Thanks,



2021-04756	35192281 - ECOP - MIDDLETOWN 1101 - H16-LR48212 Ph1	Project Scope	35192281	08W	██████ to Review – sharedrive link
2021-03830	35192282 - ECOP - MIDDLETOWN 1101 - H16-LR48212 Ph2	Project Scope	35192282	08W	██████ to Review – sharedrive link
2021-04671	35217269 - SH - MIDDLETOWN 1102 - LR 302610	Project Scope	35217269	08W	██████ to Review – sharedrive link
2021-03592	35026643 RECONDUCTOR DIAMOND SPRINGS 1105	Project Scope	35026643	08W	██████ to Review – sharedrive link
2021-04349	35219260 - CWSP - WYANDOTTE 110932586	Project Scope	35219260	08W	██████ to Review – sharedrive link
2021-04460	35191937 - ECOP - PUEBLO 2102 - H01-LR792	Project Scope	35191937	08W	██████ to Review – sharedrive link
2021-05676	35217271 - SH - MIDDLETOWN 1103 LR 830 PH1	Project Scope	35217271	08W	██████ – 2/8/21
2021-06302	35220895 - SH - MIDDLETOWN 1103 - LR 830 PH2	Project Scope	35220895	08W	██████ – 2/8/21
2021-04672	35220896 - SH - MIDDLETOWN 1103 - LR 830 PH3	Project Scope	35220896	08W	██████ – 2/8/21
2021-03692	35222045 - SH - MIDDLETOWN 1103 - LR 830 PH4	Project Scope	35222045	08W	██████ – 2/8/21
2021-04465	35174478 - ECOP - MIDDLETOWN 1101 - H12 - LR548-PH1	Project Scope	35174478	08W	██████ – 2/4/21
2021-04464	35174479 - ECOP - MIDDLETOWN 1101 - H12 - LR548-PH2	Project Scope	35174479	08W	██████ – 2/4/21
2021-04463	35174501 - ECOP - MIDDLETOWN 1101 - H12 - LR548-PH3	Project Scope	35174501	08W	██████ – 2/4/21
2021-03825	35217272 - SH - KESWICK 1101 LR 1586	Project Scope	35217272	08W	██████ – 2/5/21 sharedrive link
2021-06017	35219096 - CWSP - KIRKER 2104442850	Project Scope	35219096	08W	██████ – 2/8/21
2021-06095	35223037 - PSPS - OAKHURST 1101 - OAKHURST	Project Scope	35223037	08W	██████ – 2/5/21 sharedrive link
2021-04771	35219097 - CWSP - COARSEGOLD 2104CB	Project Scope	35219097	08W	██████ – 2/4/21 sharedrive link
2021-03589	35054184 - CWSP-COLUMBIA HILL 1101-TS8233-PH1.1	Project Scope	35054184	08W	██████ – 2/5/21 sharedrive link
2021-05667	35219276 - VACAVILLE 11046542	Project Scope	35219276	08W	██████ – TBD
2021-06068	35224378 - VACAVILLE 11046542 PH 2	Project Scope	35224378	08W	██████ – TBD
2021-04308	35219589 - CWSP - WILDWOOD 11011454	Project Scope	35219589	08W	██████ – 2/8/21

2021-04257	35224321 - CWSP - WILDWOOD 1101 LR 1454 TEHAMA CO	Project Scope	35224321 08W [REDACTED] – 2/8/21
2020-76907	35047601 - ECOP-BRUNSWICK 1105-H01-LR32536 ZONE PH2	Project Scope	35047601 08W [REDACTED] – EDRS not yet being routed
2020-76555	35048678 - ECOP-BRUNSWICK 1105-H01-LR32536 ZONE PH3	Project Scope	35048678 08W [REDACTED] – EDRS not yet being routed
2020-73899	35046371 - ECOP - STANISLAUS 1702 LR 37276	Project Scope	35046371 08W [REDACTED] – EDRS not yet being routed
2021-04306	35219283 -CWSP - NORTH DUBLIN 2101 CB	Project Scope	35219283 08W EDR request rejected.
2021-04299	35219282 - CWSP - NORTH DUBLIN 2101 CB	Project Scope	35219282 08W EDR request rejected.
2021-04171	35062374 - CWSP - SHINGLE SPRINGS 2109-LR 9372-PH1	Project Scope	35062374 08W EDR request approved.
2021-04169	35062375 - CWSP - SHINGLE SPRINGS 2109-LR 9372-PH2	Project Scope	35062375 08W EDR request approved.
2021-05102	35062376 - CWSP - SHINGLE SPRINGS 2109-LR 9372-PH3	Project Scope	35062376 08W EDR request approved.
2021-04769	35219266 - CWSP - MARIPOSA 2102CB	Project Scope	35219266 08W EDR request approved.
2021-04462	35192291 - ECOP - DIAMOND SPRINGS 1107 - H02-LR1402	Project Scope	35192291 08W EDR request approved.
2021-04412	35219098 - CWSP - MIDDLETOWN 1101118494	Project Scope	35219098 08W EDR request approved.
2021-04312	35219291 - VACA DIXON 1101126774	Project Scope	35219291 08W EDR request approved.
2021-04297	35219272 - CWSP - MIDDLETOWN 1101481876	Project Scope	35219272 08W EDR request approved.
2021-04261	35075103 - FROGTOWN 1701 - 3115FT RECOND HFTD TIER2	Project Scope	35075103 08W EDR request approved.
2021-04162	35192290 - ECOP - DIAMOND SPRINGS 1107 - H01-LR1402	Project Scope	35192290 08W EDR request approved.
2021-03822	35219280 - CWSP - POTTER VALLEY P H 110564118	Project Scope	35219280 08W EDR request approved.
2021-03779	35219273 - CWSP - VOLTA 110149742	Project Scope	35219273 08W EDR request approved.
2021-03744	35217268 - SH - BUCKS CREEK 1101 CB	Project Scope	35217268 08W EDR request approved.
2021-03302	35219268 - CWSP - MARIPOSA 210197142	Project Scope	3219268 08W EDR request completed.
2021-03151	35217273 - SH - UPPER LAKE 1101 CB	Project Scope	35217273 08W EDR request completed.
2021-02904	35219275 - CWSP - PUTAH CREEK 110246012	Project Scope	35219275 08w EDR request completed.
2021-02773	35191319 - ECOP - LAS GALLINAS A 1105 - H01-LR99904	Project Scope	35191319 08W EDR request approved.
2021-02769	35192280 - ECOP - CLAYTON 2212 - H01-LR2951	Project Scope	35192280 08W EDR request approved.

2021-02767	35192292 - ECOP - FULTON 1107 - H02-LR604	Project Scope		35192292	08W	EDR request completed.
2021-02743	35217267 - SH - MARIPOSA 2102 LR 241564	Project Scope		35217267	08W	EDR request completed.
2021-01900	35217270 - SH - KONOCTI 1102 LR 965078	Project Scope		35217270	08W	EDR request approved.
2021-00327	35192284 - ECOP - SILVERADO 2104 - H05-LR726	Project Scope		35192284	08W	EDR request approved.
2021-00326	35191383 - ECOP - SILVERADO 2102 - H01-LR58626	Project Scope		35191383	08W	EDR request completed.
2021-00256	35191318 - ECOP - SILVERADO 2102 - H02-LR58626	Project Scope		35191318	08W	EDR request completed.
2020-66787	35051472 - CWSP - CAMP EVERS 2106 - LR5020 - PH 3	Project Scope		35051472	08W	EDR request completed.
2020-61635	ECOP-WEST POINT 1101-H02-LR36674	Project Scope		35173755	08W	EDR request completed.
2020-22355	CWSP - EL DORADO PH 2102 ZONE 19542	Project Scope	\$0.00	35061811	08W	EDR request completed.
2020-22336	CWSP - PLACERVILLE 2106 - LR 1104 - PH 5	Project Scope	\$0.00	35056438	08W	EDR request completed.
2020-22335	CWSP - PLACERVILLE 2106 - LR 1104 - PH 6	Project Scope	\$0.00	35056439	08W	EDR request completed.
2020-22301	CWSP - PLACERVILLE 2106 - LR 1104 - PH 4	Project Scope	\$0.00	35056435	08W	EDR request completed.
2020-22224	CWSP - PLACERVILLE 2106 - LR 1104 - PH 3	Project Scope	\$0.00	35056434	08W	EDR request completed.
2020-22211	CWSP - PLACERVILLE 2106 - LR 1104 - PH 2	Project Scope	\$0.00	35056433	08W	EDR request completed.
2020-21919	CWSP-BRUNSWICK 1105 LR2140 ZONE-PH3	Project Scope	\$0.00	35060990	08W	EDR request completed.
2020-21909	CWSP-BRUNSWICK 1105 LR2140 ZONE-PH2	Project Scope	\$0.00	35060991	08W	EDR request completed.
2020-21904	CWSP-BRUNSWICK 1105 LR2140 ZONE-PH1	Project Scope	\$0.00	35060992	08W	EDR request completed.