

From:

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] for 4.13 miles whereas as OH hardening in hybrid costs [REDACTED] for 2.58 miles?
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 2.58 miles 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 (2.58 mi) is about 62% of the OH footage that the all OH has (4.13 mi). So it has 62% of the O&M costs of the OH. Plus it has about 48% of the UG costs (3.73 mi hybrid vs 7.78 mi all UG). 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] for 4.13 miles whereas as OH hardening in hybrid costs [REDACTED] for 2.58 miles?

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!

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] - 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] - CWSP - TIDEWATER 210614072 EDR request is being routed. P
[REDACTED] - PSPS - BANGOR 1101 CB - MICROGRID EDR request is being routed. P
[REDACTED] - PSPS - WYANDOTTE 1109 - MOORETOWN EDR request is being routed. P
[REDACTED] - CWSP - HIGHLANDS 1102628 EDR request is being routed. P

- PSPS - BRUNSWICK 1110 - MORGAN RANCH	EDR request is being routed.	Project S
- PSPS - CALISTOGA 1102 - DUNAWAEL WTP	EDR request is being routed.	Project S
- PSPS - CALISTOGA 1102 - W/O NAPA RIVER	EDR request is being routed.	Project S
- SH - MIDDLETOWN 1103 - LR 830 PH2	EDR request is being routed.	Project S
- PSPS - OAKHURST 1101 - OAKHURST	EDR request is being routed.	Project S
- VACAVILLE 11046542 PH 2	EDR request is being routed.	Project S
- CWSP - KIRKER 2104442850	EDR request is being routed.	Project S
- SH - MIDDLETOWN 1103 LR 830 PH1	EDR request is being routed.	Project S
- VACAVILLE 11046542	EDR request is being routed.	Project S
- CWSP - COARSEGOLD 2104CB	EDR request is being routed.	Project S
- ECOP - MIDDLETOWN 1101 - H16-LR48212 Ph1	EDR request is being routed.	Project S
- SH - MIDDLETOWN 1103 - LR 830 PH3	EDR request is being routed.	Project S
- SH - MIDDLETOWN 1102 - LR 302610	EDR request is being routed.	Project S
- ECOP - MIDDLETOWN 1101 - H12 - LR548-PH1	EDR request is being routed.	Project S
- ECOP - MIDDLETOWN 1101 - H12 - LR548-PH2	EDR request is being routed.	Project S
- ECOP - MIDDLETOWN 1101 - H12 - LR548-PH3	EDR request is being routed.	Project S
- ECOP - PUEBLO 2102 - H01-LR792	EDR request is being routed.	Project S
- CWSP - WYANDOTTE 110932586	EDR request is being routed.	Project S
- CWSP - WILDWOOD 11011454	EDR request is being routed.	Project S
- CWSP - WILDWOOD 1101 LR 1454 TEHAMA	EDR request is being routed.	Project S
- ECOP - MIDDLETOWN 1101 - H16-LR48212 Ph2	EDR request is being routed.	Project S
- SH - KESWICK 1101 LR 1586	EDR request is being routed.	Project S
- SH - MIDLDTOWN 1103 - LR 830 PH4	EDR request is being routed.	Project S
RECONDUCTOR DIAMOND SPRINGS 1105	EDR request is being routed.	Project S
- CWSP-COLUMBIA HILL 1101-TS8233-PH1.1	EDR request is being routed.	Project S
- ECOP-BRUNSWICK 1105-H01-LR32536 ZONE	EDR request is not yet being routed.	Project S
- ECOP-BRUNSWICK 1105-H01-LR32536 ZONE	EDR request is not yet being routed.	Project S
- 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

Brad,

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,

[REDACTED]	[REDACTED]	ECOP - MIDDLETOWN 1101 - Project 212 Ph1 Scope	08W Brad to Review – sharedrive link
[REDACTED]	[REDACTED]	ECOP - MIDDLETOWN 1101 - Project 212 Ph2 Scope	08W Brad to Review – sharedrive link
[REDACTED]	[REDACTED]	SH - MIDDLETOWN 1102 - LR Project Scope	08W Brad to Review – sharedrive link
[REDACTED]	[REDACTED]	RECONDUCTOR DIAMOND Project 1105 Scope	08W Brad to Review – sharedrive link
[REDACTED]	[REDACTED]	CWSP - WYANDOTTE Project Scope	08W Brad to Review – sharedrive link
[REDACTED]	[REDACTED]	ECOP - PUEBLO 2102 - Project 2 Scope	08W Brad to Review – sharedrive link
[REDACTED]	[REDACTED]	SH - MIDDLETOWN 1103 LR Project Scope	08W Jesse – 2/8/21
[REDACTED]	[REDACTED]	SH - MIDDLETOWN 1103 - LR Project Scope	08W Jesse – 2/8/21
[REDACTED]	[REDACTED]	SH - MIDDLETOWN 1103 - LR Project Scope	08W Jesse – 2/8/21
[REDACTED]	[REDACTED]	SH - MIDDLETOWN 1103 - LR Project Scope	08W Jesse – 2/8/21
[REDACTED]	[REDACTED]	ECOP - MIDDLETOWN 1101 - Project 18-PH1 Scope	08W Jesse – 2/4/21
[REDACTED]	[REDACTED]	ECOP - MIDDLETOWN 1101 - Project 18-PH2 Scope	08W Jesse – 2/4/21
[REDACTED]	[REDACTED]	ECOP - MIDDLETOWN 1101 - Project 18-PH3 Scope	08W Jesse – 2/4/21
[REDACTED]	[REDACTED]	SH - KESWICK 1101 LR 1586 Project Scope	08W Mason – 2/5/21 sharedrive link
[REDACTED]	[REDACTED]	CWSP - KIRKER 2104442850 Project Scope	08W Mason – 2/8/21
[REDACTED]	[REDACTED]	PSPS - OAKHURST 1101 - Project T Scope	08W Patrick – 2/5/21 sharedrive link
[REDACTED]	[REDACTED]	CWSP - COARSEGOLD Project Scope	08W Patrick – 2/4/21 sharedrive link
[REDACTED]	[REDACTED]	CWSP-COLUMBIA HILL Project 33-PH1.1 Scope	08W Keith – 2/5/21 sharedrive link
[REDACTED]	[REDACTED]	VACAVILLE 11046542 Project Scope	08W Keith – TBD
[REDACTED]	[REDACTED]	VACAVILLE 11046542 PH 2 Project Scope	08W Keith – TBD
[REDACTED]	[REDACTED]	CWSP - WILDWOOD Project Scope	08W Keith – 2/8/21

CWSP - WILDWOOD 1101 LR MA CO	Project Scope	08W Keith – 2/8/21
ECOP-BRUNSWICK R32536 ZONE PH2	Project Scope	08W Chris – EDRS not yet being routed
ECOP-BRUNSWICK R32536 ZONE PH3	Project Scope	08W Chris – EDRS not yet being routed
ECOP - STANISLAUS 1702 LR	Project Scope	08W Chris – EDRS not yet being routed
CWSP - NORTH DUBLIN 2101	Project Scope	08W EDR request rejected.
CWSP - NORTH DUBLIN 2101	Project Scope	08W EDR request rejected.
CWSP - SHINGLE SPRINGS 72-PH1	Project Scope	08W EDR request approved.
CWSP - SHINGLE SPRINGS 72-PH2	Project Scope	08W EDR request approved.
CWSP - SHINGLE SPRINGS 72-PH3	Project Scope	08W EDR request approved.
CWSP - MARIPOSA 2102CB	Project Scope	08W EDR request approved.
ECOP - DIAMOND SPRINGS LR1402	Project Scope	08W EDR request approved.
CWSP - MIDDLETOWN	Project Scope	08W EDR request approved.
VACA DIXON 1101126774	Project Scope	08W EDR request approved.
CWSP - MIDDLETOWN	Project Scope	08W EDR request approved.
FROGTOWN 1701 - 3115FT FTD TIER2	Project Scope	08W EDR request approved.
ECOP - DIAMOND SPRINGS LR1402	Project Scope	08W EDR request approved.
CWSP - POTTER VALLEY P H	Project Scope	08W EDR request approved.
CWSP - VOLTA 110149742	Project Scope	08W EDR request approved.
SH - BUCKS CREEK 1101 CB	Project Scope	08W EDR request approved.
CWSP - MARIPOSA	Project Scope	08W EDR request completed.
SH - UPPER LAKE 1101 CB	Project Scope	08W EDR request completed.
CWSP - PUTAH CREEK	Project Scope	08w EDR request completed.
ECOP - LAS GALLINAS A LR99904	Project Scope	08W EDR request approved.
ECOP - CLAYTON 2212 - 1	Project Scope	08W EDR request approved.

- ECOP - FULTON 1107 - 4	Project Scope		08W EDR request completed.
- SH - MARIPOSA 2102 LR	Project Scope		08W EDR request completed.
- SH - KONOCTI 1102 LR	Project Scope		08W EDR request approved.
- ECOP - SILVERADO 2104 - 6	Project Scope		08W EDR request approved.
- ECOP - SILVERADO 2102 - 626	Project Scope		08W EDR request completed.
- ECOP - SILVERADO 2102 - 626	Project Scope		08W EDR request completed.
- CWSP - CAMP EVERS 2106 - PH 3	Project Scope		08W EDR request completed.
ECOP-WEST POINT 1101-H02-LR36674	Project Scope		08W EDR request completed.
CWSP - EL DORADO PH 2102 ZONE 19542	Project Scope	\$0.00	08W EDR request completed.
CWSP - PLACERVILLE 2106 - LR 1104 - PH 5	Project Scope	\$0.00	08W EDR request completed.
CWSP - PLACERVILLE 2106 - LR 1104 - PH 6	Project Scope	\$0.00	08W EDR request completed.
CWSP - PLACERVILLE 2106 - LR 1104 - PH 4	Project Scope	\$0.00	08W EDR request completed.
CWSP - PLACERVILLE 2106 - LR 1104 - PH 3	Project Scope	\$0.00	08W EDR request completed.
CWSP - PLACERVILLE 2106 - LR 1104 - PH 2	Project Scope	\$0.00	08W EDR request completed.
CWSP-BRUNSWICK 1105 LR2140 ZONE-PH3	Project Scope	\$0.00	08W EDR request completed.
CWSP-BRUNSWICK 1105 LR2140 ZONE-PH2	Project Scope	\$0.00	08W EDR request completed.
CWSP-BRUNSWICK 1105 LR2140 ZONE-PH1	Project Scope	\$0.00	08W EDR request completed.