

DOCKETED

Docket Number:	24-OPT-05
Project Title:	Corby Battery Energy Storage System Project
TN #:	272996
Document Title:	Corby Project Lighting Data Request
Description:	Responses to Staff questions regarding project lighting
Filer:	Doug Urry
Organization:	Tetra Tech
Submitter Role:	Applicant Consultant
Submission Date:	10/1/2026 4:16:22 PM
Docketed Date:	10/1/2026

From: [Syed, Qaim](#)
To: [Longman, Renee@Energy](#)
Cc: [Knight, Eric@Energy](#); [Galindo, Sara](#); [Urry, Doug](#)
Subject: RE: Corby BESS: Project Lighting
Date: Thursday, October 1, 2026 12:03:55 PM
Attachments: [image001.png](#)
[BCR-P010-04.pdf](#)

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Hi Renee,

Please see below responses in red, it appears the later submitted data request responses included updates from the original application. We will file this response to the docket as well.

Thanks, Qaim

Qaim Syed

Senior Project Manager - Development

NextEra Energy Resources

C: (404)-956-0329

From: Longman, Renee@Energy <Renee.Longman@Energy.ca.gov>
Sent: Thursday, September 24, 2026 5:19 PM
To: Syed, Qaim <Qaim.Syed@nexteraenergy.com>; Galindo, Sara <Sara.Galindo@nexteraenergy.com>; Omercajic, Nadan <Nadan.Omercajic@nexteraenergy.com>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Corby BESS: Project Lighting

Hi Qaim,

Provided below are supplemental data requests for project lighting. Responses should be filed to the project docket. If you have any questions, please let us know.

1. **Light Mounting Heights** (which is correct?)
 - Low-elevation (i.e., less than 14-ft), controlled security lighting would be installed at primary access gates and the on-site substation. (This is based on the description in the Opt-in Application, Section 2, Project Description, pages 2-7 and 2-8, TN268540).
 - The Yard Lighting Schedule on the Substation Lighting Plan identifies 2 lights with 8-ft mounting heights, 2 lights with 10-ft mounting heights, and

11 lights with 30-ft mounting heights. **This is correct.**

The Substation Lighting Plan identifies:

- 11 lights at 30-foot mounting height: LT1 through LT11
- 2 lights at 8-foot mounting height: LT12 and LT13
- 2 lights at 10-foot mounting height: CLT1 and CLT2

2. **Light Locations** (which is correct?)

- Permanent, operational lighting would only be within the Project substation. No permanent lighting would be installed at site entrance gates or within the BESS array. (This is based on Data Request Response 10.7 Data Request DR VIS-7). **This is correct. Lighting is shown only within the project substation. No lighting is shown at the site's access gates or within the BESS yard. Therefore, permanent operational lighting is limited to the fenced substation yard only.**
- Motion-controlled security lighting would be installed and allow for the site to be monitored remotely; and lights would be installed at the primary access gates, the onsite substation, and the entrance to the energy storage structure for maintenance and security purposes. (This comes from the Opt-In Application, Section 4.15, Public Services, page 4.15-4, TN259874).

3. **Light Tilt**

- The Yard Light Tilt diagram on the Substation Lighting Plan shows a range of 0 degrees to 180 degrees. Is that just indicating the available range or is there possible intent to tilt the light above the horizontal (90 degrees), in which case the light could become visible off site? **This is just available range, there is no intent to tilt the yard lights above the horizontal (90°), and the yard lights are not expected to direct illumination upward or increase off-site visibility. See below**

Thank you,

Renee Longman AICP, LEED AP BD+C

Project Manager

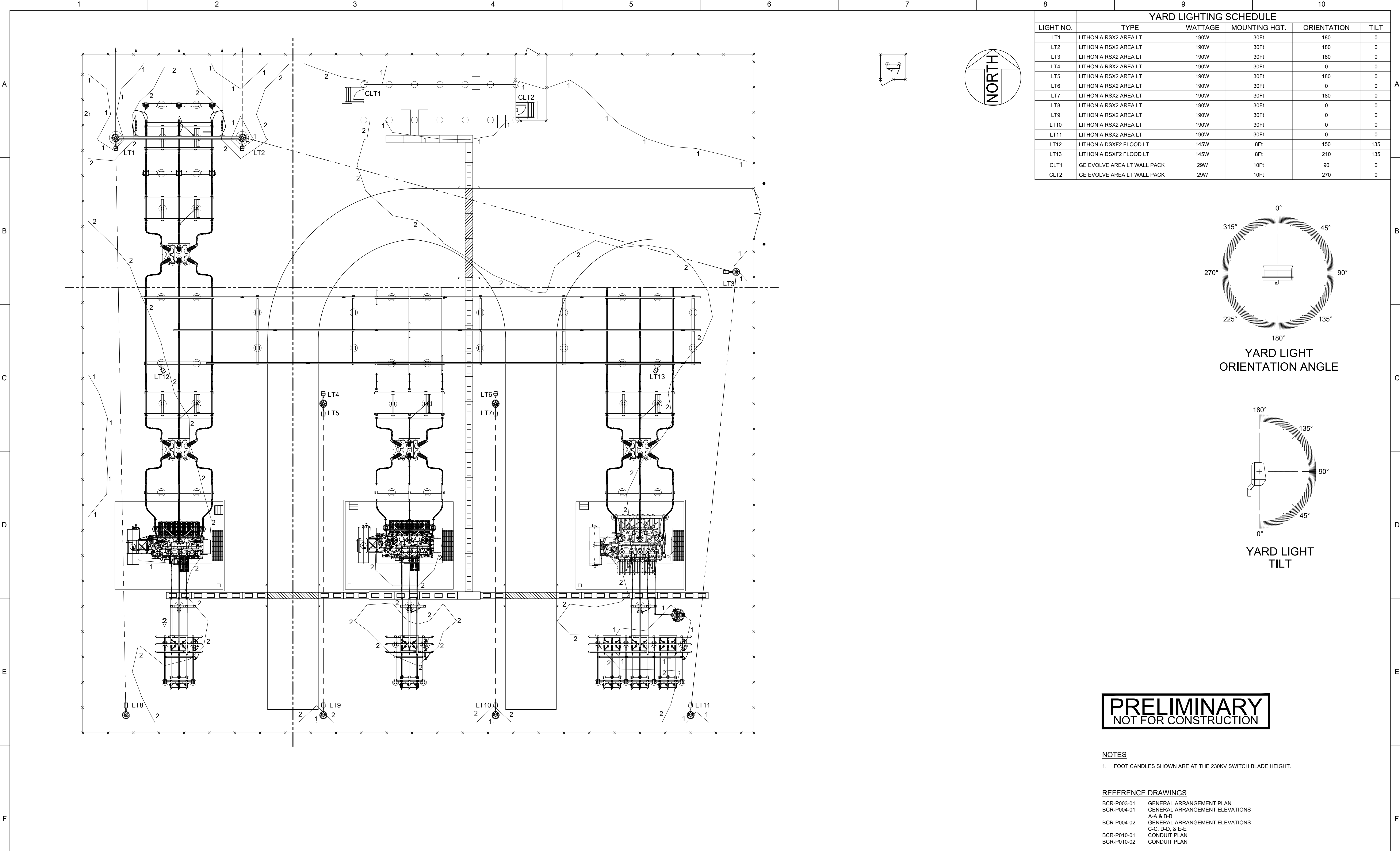
Siting and Environmental Branch

Siting, Transmission and Environmental Protection Division
1-916-937-3538

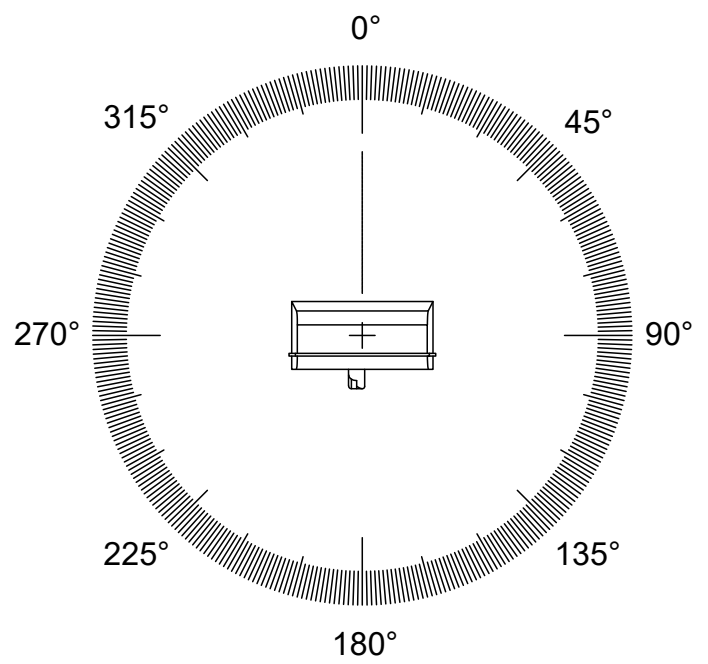
California Energy Commission

Website: www.energy.ca.gov

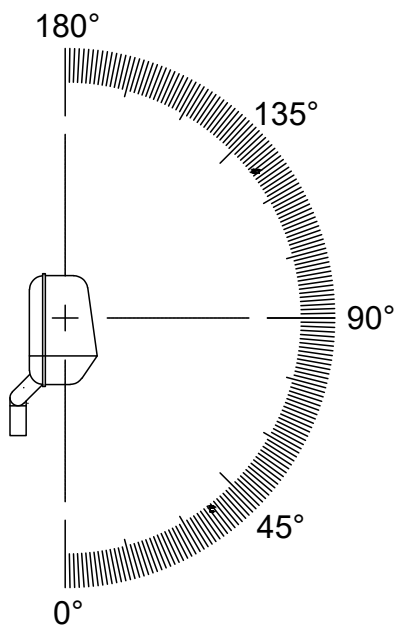




YARD LIGHTING SCHEDULE					
LIGHT NO.	TYPE	WATTAGE	MOUNTING HGT.	ORIENTATION	TILT
LT1	LITHONIA RSX2 AREA LT	190W	30Ft	180	0
LT2	LITHONIA RSX2 AREA LT	190W	30Ft	180	0
LT3	LITHONIA RSX2 AREA LT	190W	30Ft	180	0
LT4	LITHONIA RSX2 AREA LT	190W	30Ft	0	0
LT5	LITHONIA RSX2 AREA LT	190W	30Ft	180	0
LT6	LITHONIA RSX2 AREA LT	190W	30Ft	0	0
LT7	LITHONIA RSX2 AREA LT	190W	30Ft	180	0
LT8	LITHONIA RSX2 AREA LT	190W	30Ft	0	0
LT9	LITHONIA RSX2 AREA LT	190W	30Ft	0	0
LT10	LITHONIA RSX2 AREA LT	190W	30Ft	0	0
LT11	LITHONIA RSX2 AREA LT	190W	30Ft	0	0
LT12	LITHONIA DSXF2 FLOOD LT	145W	8Ft	150	135
LT13	LITHONIA DSXF2 FLOOD LT	145W	8Ft	210	135
CLT1	GE EVOLVE AREA LT WALL PACK	29W	10Ft	90	0
CLT2	GE EVOLVE AREA LT WALL PACK	29W	10Ft	270	0



YARD LIGHT
ORIENTATION ANGLE



YARD LIGHT
TILT

PRELIMINARY
NOT FOR CONSTRUCTION

NOTES
1. FOOT CANDLES SHOWN ARE AT THE 230KV SWITCH BLADE HEIGHT.

REFERENCE DRAWINGS	
BCR-P003-01	GENERAL ARRANGEMENT PLAN
BCR-P004-01	GENERAL ARRANGEMENT ELEVATIONS
A-A & B-B	GENERAL ARRANGEMENT ELEVATIONS
BCR-P004-02	GENERAL ARRANGEMENT ELEVATIONS
C-C, D-D, & E-E	CONDUIT PLAN
BCR-P010-01	CONDUIT PLAN
BCR-P010-02	CONDUIT PLAN

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C	08/14/2026	RE-ISSUED FOR REVIEW	SLB	SV	CJM	S&L			
B	03/11/2026	ISSUED FOR REVIEW	SLB	SV	CJM	S&L			
A	12/18/2024	ISSUED FOR BID	SV	FJG	BPR	S&L			
NO	DATE	REVISIONS AND RECORD OF ISSUE	DRWN	REV'D	APPR	COMP			

SCALE:
1/16" = 1'-0"

0 5' 10' 20'

PREP: -- CHKD: --
APPD: -- DATE: --

CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTOR'S /INSTALLER'S PERSONNEL (OR THAT OF ITS SUBCONTRACTOR(S)) PERFORMING THE WORK.

ANY MODIFICATION OR ADDITION TO THIS DRAWING BY ANY ORGANIZATION OTHER THAN SARGENT & LUNDY IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.



CORBY BESS, LLC
CORBY 230/34.5kV SUBSTATION

LIGHTING PLAN

BCR-P010-04