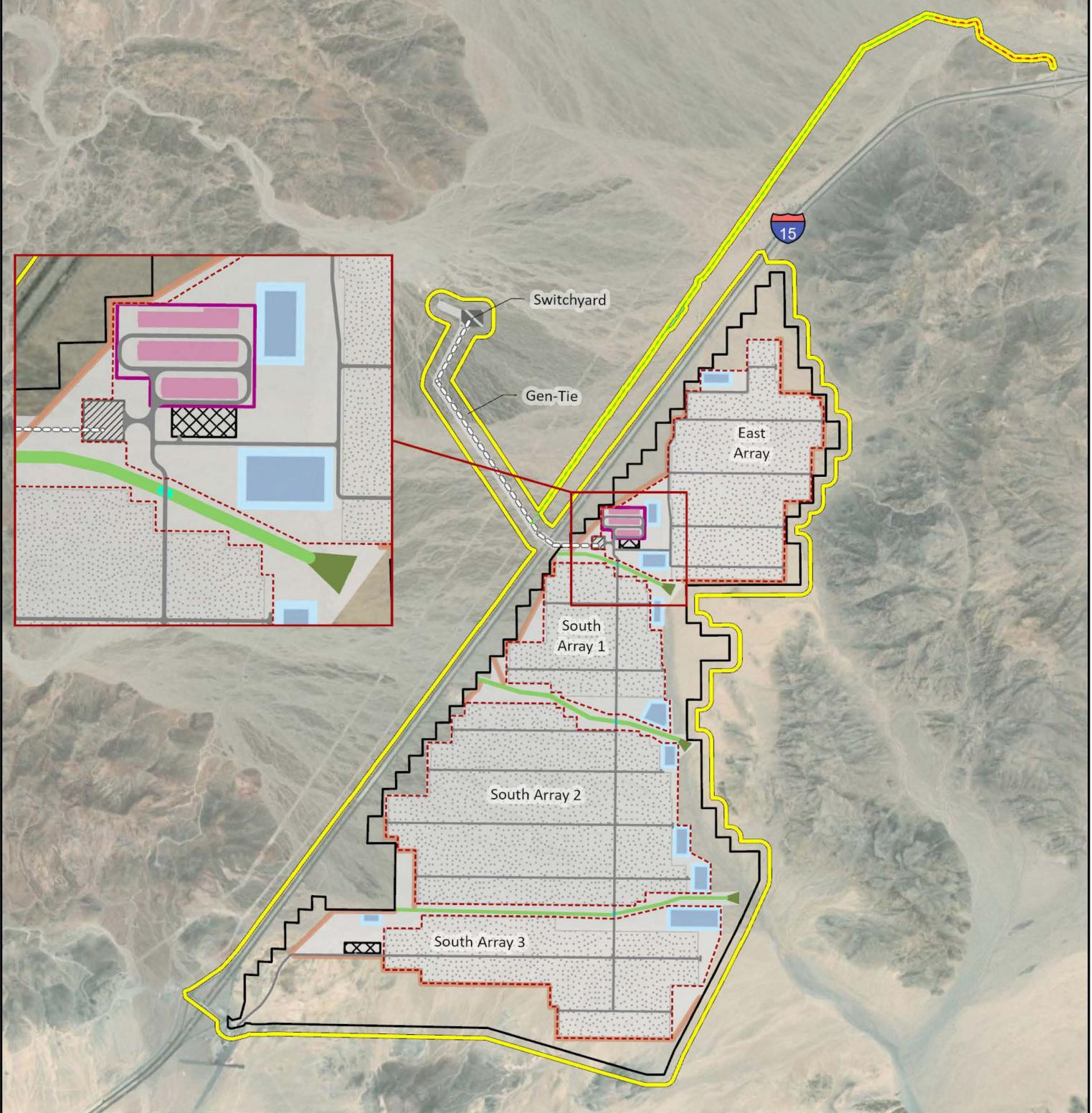
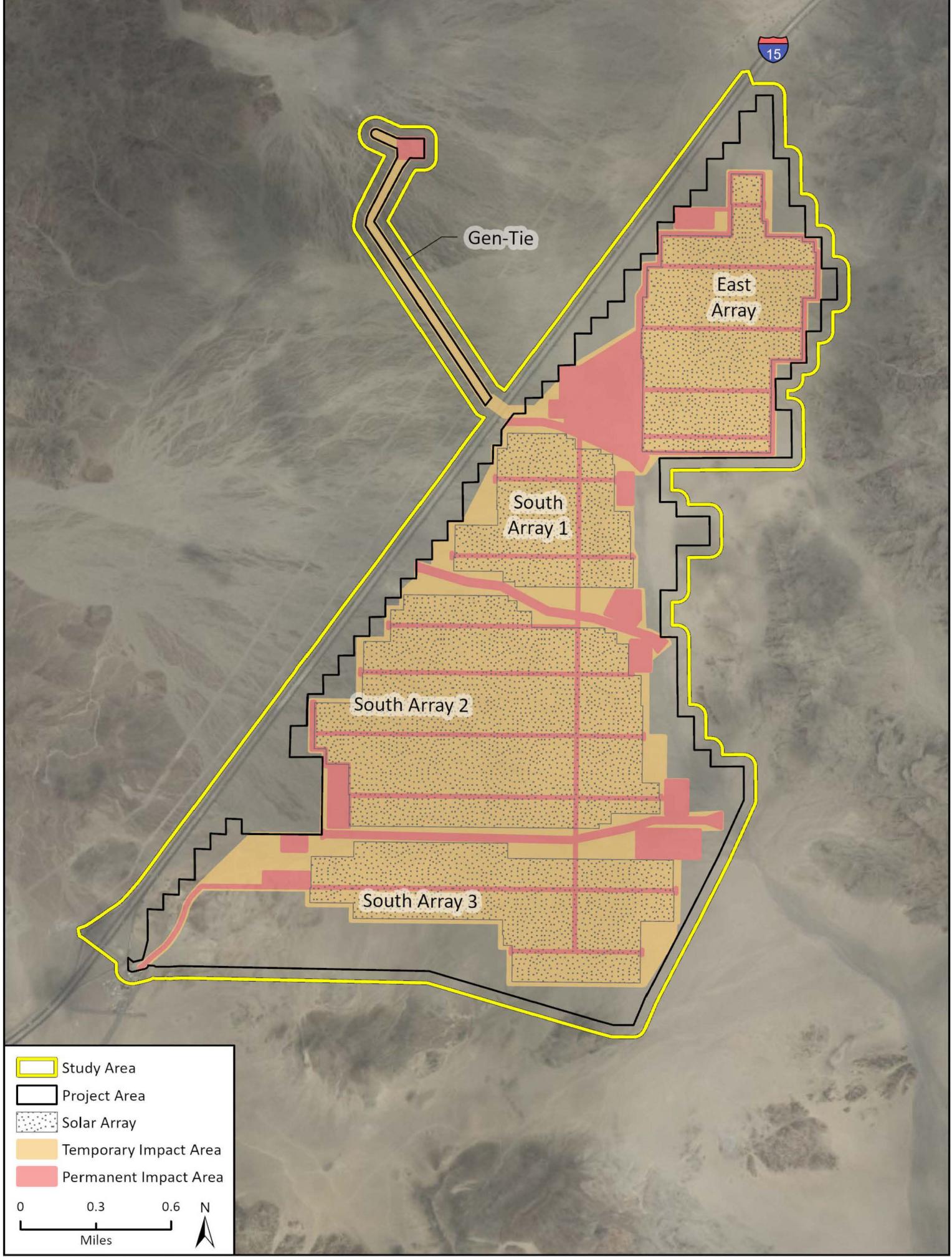


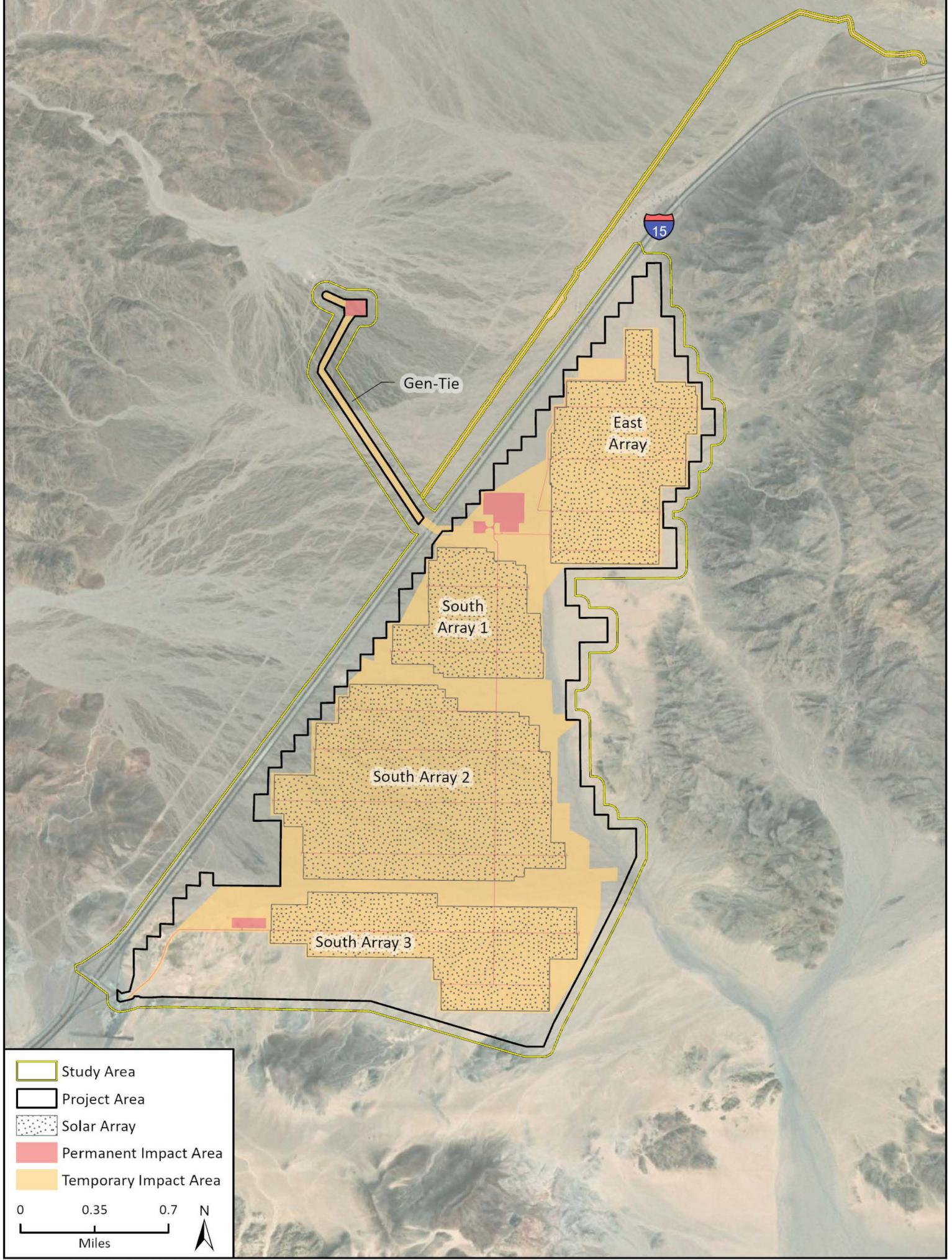
DOCKETED	
Docket Number:	24-OPT-03
Project Title:	Soda Mountain Solar
TN #:	267999
Document Title:	Final Data Responses
Description:	This document provides figures and supporting data showing: 1) the proposed project components and impacts; 2) the proposed project components and impacts after implementation of MM HYD-1; 3) the Project Alternative after implementation of MM HYD-1; and 4) the Project BESS Site Plan after implementation of MM HYD-1; and 5) the Alternative Project BESS Site Plan after implementation of MM HYD-1.
Filer:	Hannah Arkin
Organization:	Resolution Environmental
Submitter Role:	Applicant Representative
Submission Date:	12/19/2025 1:58:34 PM
Docketed Date:	12/19/2025





Project Component Impacts before MM HYD-1

Type	Impacts	ACRES
Limit of Disturbance	Temporary	2074.31
Access Road	Permanent	33.76
Laydown Yard	Permanent	7.51
Drainage Canal	Permanent	35.77
Proposed Outlet Protection Feature	Permanent	4.14
Proposed Box Culverts	Permanent	0.39
Solar Array	Temporary	1505.93
Proposed Substation	Permanent	2.06
Proposed Switchyard	Permanent	4.99
Proposed BESS Yard	Permanent	6.76
Proposed Sediment Basin	Permanent	46.83
Proposed Grading Footprint	Permanent	23.63
Berm	Temporary	17.75
Proposed BESS Yard Boundary	Permanent	16.53



MM HYD-1 Project Component Impacts after Implementation

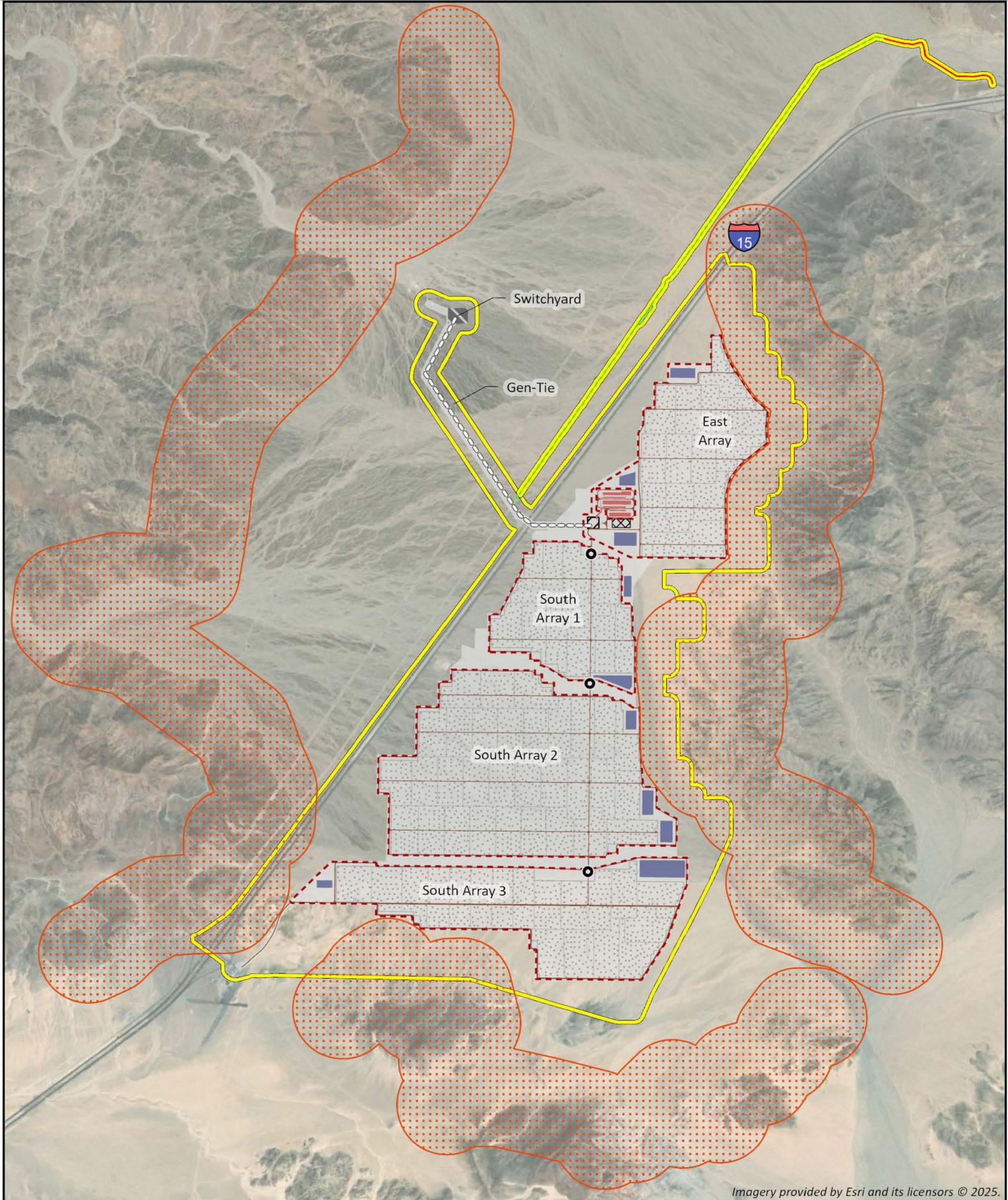
Type	Impact	Date_Rec	ACRES
Access Road	Permanent	12/10/2025	33.89
Limit of Disturbance	Temporary	8/10/2023	2074.31
Solar Array	Temporary	8/10/2023	1505.93
Proposed Substation	Permanent	8/10/2023	2.06
Proposed Switchyard	Permanent	8/10/2023	4.99
Proposed BESS Yard	Permanent	8/10/2023	6.76
Proposed BESS Yard Boundary	Permanent	8/10/2023	16.53
Laydown Yard	Permanent	8/10/2023	7.51

MM HYD-1 Mitigation Impacts to JD

AGEN_JURIS	Impact	Acres/linear ft
RWQCB	Temporary	134.62
CDFW	Temporary	215.94
CDFW	Permanent	4.49
RWQCB	Permanent	2.72
Linear Ft	Temporary	1,239,707.81
Linear Ft	Permanent	27,331.25

Updated Mitigation Project
Components

<u>RWQCB Jurisdiction</u>		<u>CDFW Jurisdiction</u>	
Non-Wetland Waters of the State		Streambed	
Temporary (acres/linear feet)	Permanent (acres/linear feet)	Temporary (acres/linear feet)	Permanent (acres/linear feet)
134.62/1,239,708	2.72/27,331	215.94/1,239,708	4.49/27,331



Study Area

0.25 mile Buffer on Bighorn Sheep Suitable Habitat

Alternative Design Components

- Limit of Disturbance
- Solar Array
- Roads

Fence

Inverter Areas

Laydown yard

Stormwater Pond

BESS Yard

Substation

Switchyard

Gen-Tie

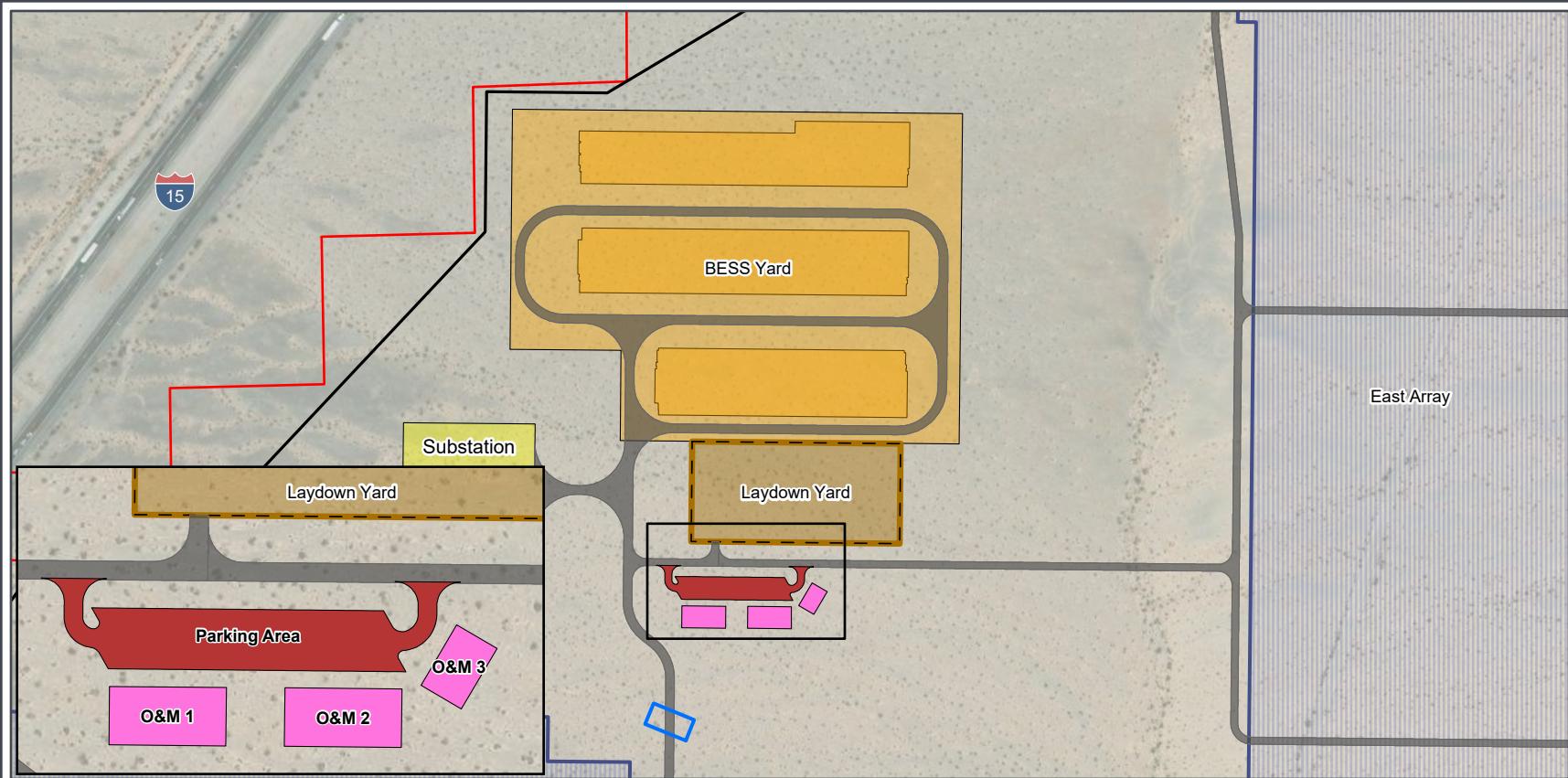
Rock (3 in or Less)

BLM Primitive Roads Managed for Limited Public Motorized Use

- CL7682
- CL8847

0 0.4 0.8
Miles





- Project Boundary
- Solar Array
- Proposed BESS Equipment Yard
- Proposed Substation
- Access Road (On-site)
- Laydown Yard
- Limit of Disturbance
- Proposed Box Culvert
- Proposed O & M Building
- Proposed Parking Area

San Bernardino County, CA
NAD 1983 UTM Zone 11N
35.1657°N 116.1762°W

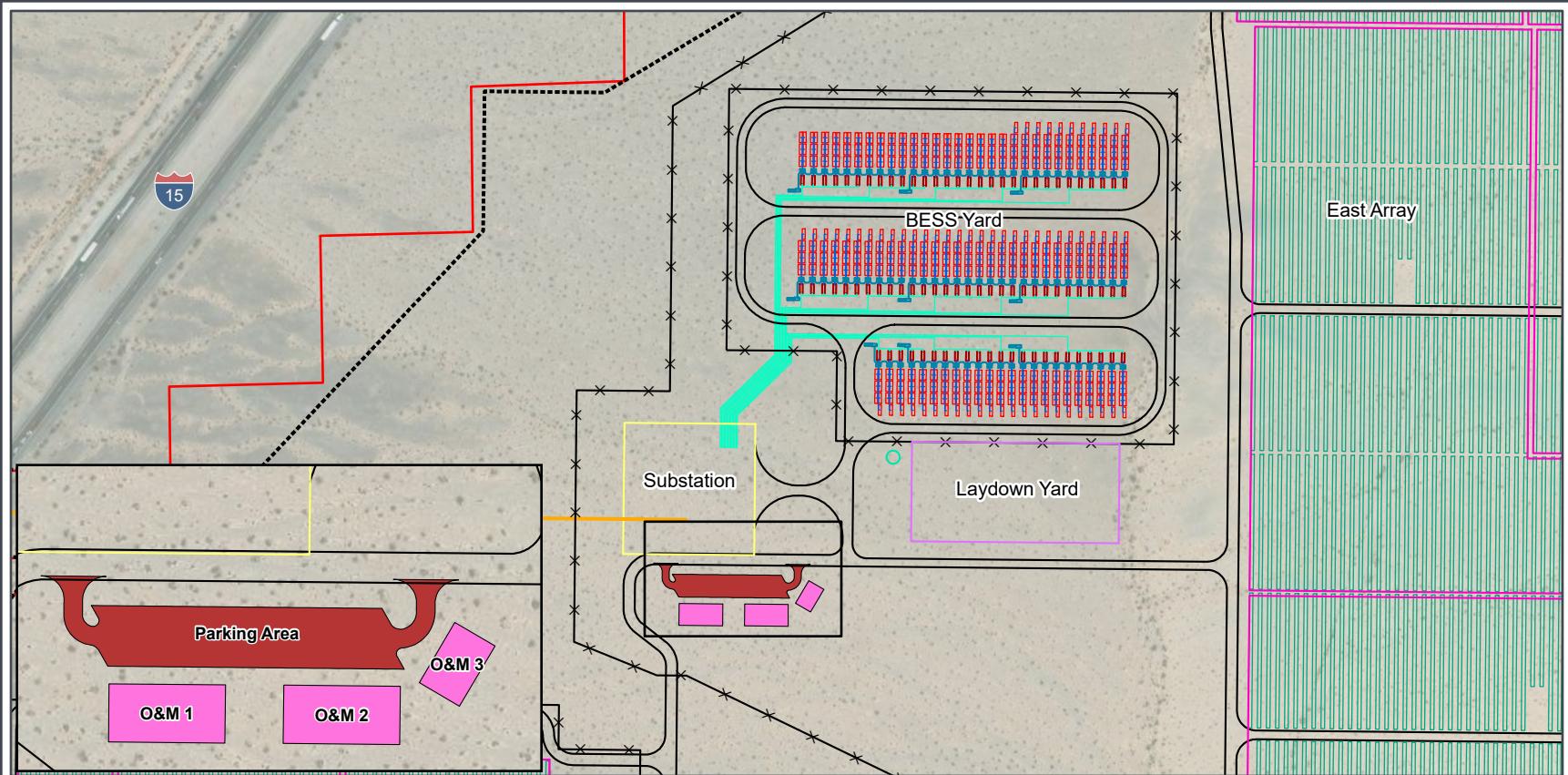


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Base Map: Esri ArcGIS Online,
accessed December 2025
Updated: 12/19/2025
Project No. 68347
Layout: 68347 Prelim BESS
Apx: General

SWCA
ENVIRONMENTAL CONSULTANTS

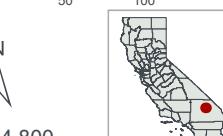


- Limit of Disturbance
- Access Road
- Gen-Tie Line
- Solar Array
- Substation
- BESS Battery Storage Container
- BESS Inverter
- BESS DC Cable
- BESS Collection Cable
- BESS Cabinet
- Inverter
- Water Tank
- Chain Link Fence

- Laydown Yard
- Project Boundary
- Proposed O & M Building
- Proposed Parking Area

San Bernardino County, CA
NAD 1983 UTM Zone 11N
35.1657°N 116.1762°W

0 200 400
0 50 100
Meters



1:4,800
SWCA
ENVIRONMENTAL CONSULTANTS

Base Map: Esri ArcGIS Online,
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