

## Attachment E

# Project Impact Tables

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Table 1. Summary of Fill and Excavation, and Temporary and Permanent, Impacts by Feature Type

Table 2. Impact Acreage by Tower Number for Segment 3B

Table 3. Total Impacts to Waters of the U.S. and the State, and Mitigation Requirements for Segment 3B

# Attachment E

## Project Impact Tables

(Information Provided by Southern California Edison)

**Table 1. Summary of Fill and Excavation, and Temporary and Permanent, Impacts by Feature Type**

| Jurisdictional Feature Type | Fill/Discharge <sup>1</sup> |       |           | Dredge/Excavation <sup>1</sup> |       |           | Segment 3B Project |                  |                   |
|-----------------------------|-----------------------------|-------|-----------|--------------------------------|-------|-----------|--------------------|------------------|-------------------|
|                             | Ln. ft.                     | Acres | Cu. yards | Ln. ft.                        | Acres | Cu. yards | Permanent (acre)   | Temporary (acre) | Total (acre)      |
| Non-Wetland Waters          |                             |       |           |                                |       |           |                    |                  |                   |
| Dry Washes                  | 2,819                       | 0.353 | 241.5     | 216                            | 0.009 | 101.7     | 0.186              | 0.175            | 0.362             |
| Streams without Riparian    | 88                          | 0.002 | 25        | —                              | —     | —         | 0.001              | 0.001            | 0.002             |
| Streams with Riparian       | —                           | —     | —         | —                              | —     | —         | —                  | —                | —                 |
| Non-Wetland Waters Subtotal | 2,968                       | 0.355 | 266.5     | 216                            | 0.009 | 101.7     | 0.187              | 0.176            | 0.364             |
| Wetlands                    |                             |       |           |                                |       |           |                    |                  |                   |
| Wetlands                    | —                           | 0.034 | 1         | —                              | —     | —         | 0.006              | 0.029            | 0.034             |
| Total <sup>2</sup>          | 2,968                       | 0.389 | 267.5     | 216                            | 0.009 | 101.7     | 0.19               | 0.20             | 0.40 <sup>2</sup> |

Notes,

<sup>1</sup> Assumes McCarthy drains require 1 cubic yards of fill each. All maintenance grading is considered negligible as it only reallocates existing material onsite. Only fill and/or excavation calculated within the actual jurisdictional feature are included.

<sup>2</sup> Totals represent the sum of column values. May not total due to rounding.

**Table 2. Impact Acreage by Tower Number for Segment 3B**

| Tower/<br>Construct<br>Number | Associated<br>Components                                                                                                                                        | Non-Wetland Waters<br>(acre) |           | Wetlands (acre) |           | Total  |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------|-----------------|-----------|--------|
|                               |                                                                                                                                                                 | Permanent                    | Temporary | Permanent       | Temporary |        |
| Highwind<br>Substation        | Outfall Structures                                                                                                                                              | 0.0019                       | 0.0119    | —               | —         | 0.0138 |
| 8                             | Permanent tower footings, temporary structure work area, new McCarthy drain; new rip-rap lined channel                                                          | 0.1018                       | 0.0717    | —               | —         | 0.1735 |
| 13                            | Three new McCarthy drains                                                                                                                                       | 0.0004                       | 0.0023    | —               | —         | 0.0027 |
| 16                            | New access road and two new McCarthy drains                                                                                                                     | 0.0014                       | 0.0019    | —               | —         | 0.0033 |
| 17                            | Access road widening, replacement of existing culvert, new McCarthy drain plus maintenance grading                                                              | 0.002                        | 0.0025    | —               | —         | 0.0045 |
| 26                            | New McCarthy drain                                                                                                                                              | 0.001                        | 0.0006    | —               | —         | 0.0016 |
| 27                            | New McCarthy drain                                                                                                                                              | —                            | —         | 0.0058          | 0.0285    | 0.0343 |
| 31                            | AC Mitigation - Zinc Ribbon Installation                                                                                                                        | 0                            | 0.0027    | —               | —         | 0.0027 |
| 33                            | Permanent O&M area and temporary structure work area; new rip-rap lined channel                                                                                 | 0.0195                       | 0.0016    | —               | —         | 0.0211 |
| 39 -<br>Access<br>Road        | Maintenance grading of the existing access road; AC Mitigation                                                                                                  | 0                            | 0.0021    | —               | —         | 0.0021 |
| 41 and 42<br>– Access<br>Road | New McCarthy drain                                                                                                                                              | 0.0021                       | 0.0004    | —               | —         | 0.0025 |
| 44                            | Access road widening, two new McCarthy drains; structure work area for Construct 44; AC Mitigation: zinc ribbon installation work area; and maintenance grading | 0.0033                       | 0.0215    | —               | —         | 0.0248 |
| 44 –<br>Access<br>Road        | Road widening, replace existing culvert, new wet crossing, and new McCarthy drain                                                                               | 0.001                        | 0.0009    | —               | —         | 0.0019 |

**Table 2. Continued**

| Tower/<br>Construct<br>Number | Associated<br>Components                                                                                                                               | Non-Wetland Waters<br>(acre) |           | Wetlands (acre) |           | Total             |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------|-----------------|-----------|-------------------|
|                               |                                                                                                                                                        | Permanent                    | Temporary | Permanent       | Temporary |                   |
| 46                            | Access road widening, new concrete v-ditch and new concrete outlet; gabion retaining wall; new McCarthy drain; New access road and maintenance grading | 0.0135                       | 0.0141    | —               | —         | 0.0276            |
| 48                            | New McCarthy drain                                                                                                                                     | 0.0004                       | 0.0007    | —               | —         | 0.0011            |
| 49                            | New McCarthy drain                                                                                                                                     | 0.0021                       | 0.0044    | —               | —         | 0.0065            |
| 51                            | New McCarthy drain                                                                                                                                     | 0.0015                       | 0.0009    | —               | —         | 0.0024            |
| 53                            | Maintenance grading of the existing access road                                                                                                        | 0                            | 0.0079    | —               | —         | 0.0079            |
| 57                            | New concrete wet crossing within widened access road, new McCarthy drain                                                                               | 0.0353                       | 0.0282    | —               | —         | 0.0635            |
| Total <sup>1</sup>            |                                                                                                                                                        | 0.19                         | 0.18      | 0.01            | 0.03      | 0.40 <sup>1</sup> |

Notes:

<sup>1</sup> Totals represent the sum of column values. May not total due to rounding.**Table 3. Total Impacts to Waters of the U.S. and the State, and Mitigation Requirements for Segment 3B**

| Impacts per<br>Habitat Type         | Streambed/Wetland<br>Impacts (acres) |        | Mitigation<br>Ratios |       | Total<br>Temp<br>Mitigation<br>(acre) | Total<br>Perm.<br>Mitigation<br>(acre) | Total<br>Mitigation<br>(acre) |
|-------------------------------------|--------------------------------------|--------|----------------------|-------|---------------------------------------|----------------------------------------|-------------------------------|
|                                     | Temp.                                | Perm.  | Temp.                | Perm. |                                       |                                        |                               |
| California Annual Grassland         | 0.0025                               | 0.0021 | 1:1                  | 1:1   | 0.0025                                | 0.0021                                 | 0.0046                        |
| Desert Bunchgrass Grassland         | 0.0016                               | 0.0195 | 1:1                  | 1:1   | 0.0016                                | 0.0195                                 | 0.0211                        |
| Disturbed/Developed                 | 0.0079                               | 0.0000 | None                 | None  | None                                  | None                                   | None                          |
| Joshua Tree Woodland                | 0.0006                               | 0.0001 | 2:1                  | 2:1   | 0.0012                                | 0.0002                                 | 0.0014                        |
| Mojave Desert Wash Scrub            | 0.0284                               | 0.0356 | 1:1                  | 1:1   | 0.0284                                | 0.0356                                 | 0.0640                        |
| Mojave Mixed Woody Scrub            | 0.0105                               | 0.0036 | 1:1                  | 1:1   | 0.0105                                | 0.0036                                 | 0.0141                        |
| Mojavean Juniper Woodland and Scrub | 0.0179                               | 0.0166 | 2:1                  | 2:1   | 0.0358                                | 0.0332                                 | 0.0690                        |
| Rabbitbrush Scrub                   | 0.0741                               | 0.1047 | 1:1                  | 1:1   | 0.0741                                | 0.1047                                 | 0.1788                        |
| Southern Willow Scrub               | 0.0293                               | 0.0063 | 1:1                  | 1:1   | 0.0293                                | 0.0063                                 | 0.0356                        |
| Sparsely Vegetated Streambed        | 0.0149                               | 0.0029 | 1:1                  | 1:1   | 0.0149                                | 0.0029                                 | 0.0178                        |
| Unvegetated (Existing Access Roads) | 0.0171                               | 0.0016 | None                 | None  | None                                  | None                                   | None                          |

|                    |      |      |    |    |      |      |      |
|--------------------|------|------|----|----|------|------|------|
| Total <sup>1</sup> | 0.20 | 0.19 | -- | -- | 0.20 | 0.21 | 0.41 |
|--------------------|------|------|----|----|------|------|------|

Notes:

<sup>1</sup> Totals represent the sum of column values. May not total due to rounding.