

HISTORIC AMERICAN ENGINEERING RECORD

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BIG CREEK HYDROELECTRIC SYSTEM, EAST & WEST TRANSMISSION LINE
11-Mile Section between Visalia and Farmersville
Visalia Vicinity
Tulare County
California

HAER No. CA-167-N

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David G. De Vries & Marissa R. Rocke, photographers, June 2011

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| CA-167-N-8 | DETAIL VIEW OF NORTHWEST LEG OF WEST TOWER M65-T2, SHOWING BOTH EMBOSSED AND PAINTED IDENTIFICATION NUMBERS, CONCRETE FOOTINGS, AND BOLT ACCESS PEGS, LOOKING SOUTHEAST. |
| CA-167-N-9 | DETAIL VIEW OF TOWER TOP CONFIGURATION, WEST ELEVATION OF WEST TOWER M65-T2. |
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- CA-167-N-13 PERSPECTIVE VIEW TO THE NORTHWEST OF TOWERS M69-T2, SHOWING SOUTH AND EAST SIDES. THE EAST TOWER HAS DOUBLE 10 FOOT AND 15 FOOT VERTICAL LEG EXTENSIONS, AND THE WEST TOWER HAS 10 FOOT VERTICAL LEG EXTENSIONS ONLY.
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- CA-167-N-18 LOOKING WEST AT TOWER M72-T4, (MILE 72, TOWER 4) LOCATED AT THE SOUTH END POINT OF THE TOWER REPLACEMENT PROJECT, AT RECTOR SUBSTATION. THIS VIEW SHOWS AN ANCHOR TOWER WITH NEWER 15-FOOT VERTICAL LEG EXTENSIONS, ADDED WHEN THE VOLTAGE ON THE LINES WAS UPGRADED FROM 150 KILOVOLTS TO 220 KILOVOLTS.

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ADDENDUM TO:
BIG CREEK HYDROELECTRIC SYSTEM, EAST & WEST
TRANSMISSION LINE

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241-mile transmission corridor extending between the Big Creek
Hydroelectric System in the Sierra National Forest in Fresno County and
the Eagle Rock Substation in Los Angeles, California
Visalia vicinity
Tulare County
California

Photographs No. HAER CA-167-N-1 through CA-167-N-18 were previously transmitted to the Library of Congress.

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David G. DeVries, photographer, May 2014

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| CA-167-N-20 | Looking west as the lines leave the substation at Big Creek Powerhouse 1. |
| CA-167-N-21 | Transmission lines crossing Big Creek Canyon, near the Powerhouse 1 substation. View to the south. |
| CA-167-N-22 | Towers adjacent to Huntington Lake Road. View to the west towards Big Creek Town, visible across the canyon. |
| CA-167-N-23 | Big Creek lines in a forest setting, from Huntington Lake Road, about 1/4 mile west-northwest of Balsam Creek. View to the west. |
| CA-167-N-24 | A northerly view of the transmission lines going down to Big Creek Powerhouse 2 and the switch yard, from the Canyon Road. |
| CA-167-N-25 | An overview to the northeast of the switch yard at Powerhouse 2. |
| CA-167-N-26 | Big Creek lines just beyond the substation at Powerhouse 3, going east up the side of the canyon. The nearby tower on the right is part of the Powerhouse 3 loop. Note towers on hillside in distance. View to the east. |
| CA-167-N-27 | Big Creek transmission towers, looking south from where they cross State Highway 168, west of Cressman's, about 200 yards west of the scenic turnout. |
| CA-167-N-28 | Big Creek transmission towers on the hillside north of East Trimmer Road. |

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- CA-167-N-31 Perspective view to the northwest of the Vestal Substation.
- CA-167-N-32 Big Creek transmission lines heading southeast from Vestal Substation.
- CA-167-N-33 Magunden Substation and Tower M140T6W, Bakersfield. View to the southwest.
- CA-167-N-34 View to the north from Magunden-Pastoria #1 and #2. Edmonston Pumping Plant on the California Aqueduct is visible in the distance at right.
- CA-167-N-35 Looking south at towers just south of Pastoria Substation.
- CA-167-N-36 Southwesterly perspective view of Tower M171-T2 and a contemporary steel lattice tower nearby. Beartrap Canyon, Pastoria Creek, just south of Pastoria Substation.
- CA-167-N-37 Towers on the slope above the floodplain of Pastoria Creek, Beartrap Canyon, Tejon Ranch. View to southeast.
- CA-167-N-38 Looking south towards Castaic, in the canyon between I-5 North and I-5 South.
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- CA-167-N-41 View southwest of original Big Creek tower at Pardee-Sylmar #1 and #2, Elsemere Canyon Preserve.
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- CA-167-N-43 View to the northeast from Camino San Rafael, showing intersection of Big Creek and Eagle Rock-Laguna Bell transmission lines.
- CA-167-N-44 View to northwest of original aesthetic towers, from Eagle Rock Substation.
- CA-167-N-45 Multiple transmission lines at Historic Eagle Rock Substation Building. South front and west side.