
Addendum to Appendix A – WDT 659



Queue Cluster 4 Phase I Final Report

March 19, 2012

This study has been completed in coordination with CAISO per CAISO Tariff Appendix Y Generator Interconnection Procedures (GIP) for Interconnection Requests in a Queue Cluster Window

Executive Summary

[REDACTED] an Interconnection Customer (IC), received a Queue Cluster 4 Phase I Study (QC4) report dated [REDACTED] for their Interconnection Request (IR) to the Southern California Edison (SCE) under the terms of SCE's Wholesale Distribution Access Tariff (WDAT) for their proposed [REDACTED] (Project), WDT 659.

Subsequent to the results meeting with the IC on [REDACTED], SCE reassessed the Appendix A report for WDT 659 and refined the Distribution Upgrades cost allocation among the affected projects. This resulted in the removal of the estimated costs of the WAAA Substation and the Del Sur Substation Expansion in the Distribution Upgrades from the Appendix A report.

Summary of changes:

1. Remove the estimated cost from the Appendix A QC4 Final Report of the [REDACTED] the following:
 - The WAAA Substation
 - The Del Sur Substation Expansion

As a result, the non-binding Distribution Upgrades cost estimate for the WDT 659 project dropped from \$3,449,000 to \$609,000 including ITCC¹.

2. Project Name Change

As requested by the IC, SCE has changed the project name from [REDACTED] [REDACTED] Project to [REDACTED] Project in the IC's QC4 Phase I Final Report

Table 10.1 below shows the revised costs and the estimated time to construct.

¹ Income Tax Component of Contribution. The ITCC included in this cost estimate was computed using a 35% rate. Due to the enactment of H.R. 4853, the Tax Relief, Unemployment Insurance Reauthorization and Job Creation Act of 2010, and upon formal acceptance by the CPUC of SCE's advice letter (filed on December 27, 2010), this rate may change for electric CIAC recorded or received after September 8, 2010 through December 31, 2011.

Table 10.1: Upgrades, Estimated Costs, and Estimated Time to Construct Summary (Revised)

Type of Upgrade	Upgrade (May include the following)	Description	Estimated Cost x 1,000 Constant Dollar (2011) (Note 4)	Estimated Cost x 1,000 Constant Dollar (OD Year) (Note 4)	Estimated Time to Construct
PTO's Interconnection Facilities (Note 1, 3, 5)	See Section 10 – PTO's Interconnection Facilities	Non-network facilities needed to enable interconnection	\$322	\$363	6 Months
Plan of Service Reliability Network Upgrades (Note 6)	See Section 10 – Plan of Service Reliability Network Upgrades	Direct Assigned Network Upgrades needed to enable interconnection.	\$0	\$0	n/a
Reliability Network Upgrades (Note 6)	See Section 11.2 – Reliability Network Upgrades in the Group Report	Allocated Network Upgrades needed to maintain system Reliability	\$0	\$0	n/a
Reliability Network Upgrades (Note 6)	See Section 11.2 - Reliability Network Upgrades for SCD in the Group Report	SCD Mitigation Allocated to maintain system Reliability	\$11	\$12	24 Months
Delivery Network Upgrades (Note 6)	See Section 11.3 - Delivery Network Upgrades in the Group Report	Network Upgrades needed to support Full Delivery, if requested		\$6,676.29	84 Months
Distribution Upgrades (Note 2, 5, 6)	See Section 10 – Distribution Upgrades	Non-CAISO SCE Distribution Facilities	\$609	\$687	88 Months
Distribution Upgrades (Note 2, 5, 6)	See Section 10 – Distribution Upgrade for SCD Mitigation	SCD Mitigation Allocated to maintain system Reliability	\$6	\$7	24 Months
Total Cost				\$7,745	88 Months

Note 1: The Interconnection Customer is obligated to fund these upgrades and will not be reimbursed.

Note 2: These upgrades are not part of CAISO Controlled Grid, and are not reimbursable. Allocated costs may change if all projects responsible for these upgrades do not execute GIAs.

Note 3: The estimated time to construct (ETC) is for a typical project; schedules duration may change due to number of projects approved and release dates.

Note 4: SCE's Phase I cost estimating is done in 'constant' dollars 2011 and then escalated to the estimated O.D. year. For the QC4 Phase I study, the estimated O.D. is derived by assuming the duration of the work element will begin in January 2013, which is the CAISO tariff scheduled completion date of the QC4 Phase II study plus 90 days for the GIA signing period. For instance, if a work element is estimated to take a total of 24 months (permitting, design, procurement, and construction), then the estimated O.D. would be January 2015. If an IC's requested O.D. (in-service) is beyond the estimated O.D. of a work element, the IC's requested O.D. is used.

Note 5: Includes 35% ITCC.

Note 6: The estimated time to construct (ETC) is for a typical project; schedules duration may change due to number of projects approved and release dates. Stacked projects impact resources, system outage availability, and environmental windows of construction. Assumption is SCE will need to obtain CPUC licensing and regulatory approvals prior to design, procurement and construction of the proposed facilities required to serve the interconnection customer and prerequisite facilities are in service.

The remainder of the original report is unchanged.