
Addendum to Appendix A – WDT1298



Addendum #1

Cluster 8 Phase I Final Report

February 23, 2016

This study has been completed in coordination with the California Independent System Operator Corporation (CAISO) per Southern California Edison Company's Wholesale Distribution Access Tariff, Attachment I Generator Interconnection Procedures (GIP)

Project No.	Project Name	No	Date	Document Title	Description of Document
WDT1298	██████████	2	2/23/2016	Addendum #1 to Queue Cluster 8 Phase I Appendix A Final Report	The purpose of this report is to update Attachment 3 and publish the written comments provided by the IC to SCE in accordance with the timelines stated per Section 4.5.7 in GIP
WDT1298	██████████	1	1/15/2016	Queue Cluster 8 Phase II Appendix A Final Report	Report to disclose results of QC8 Phase I cluster.

Executive Summary

██████████ an Interconnection Customer (IC), received a Queue Cluster 8 Phase I (QC8 Phase I) study report dated January 15, 2016 for its Interconnection Request (IR) to Southern California Edison (SCE) for their proposed ██████████ queue position WDT1298.

During the Phase I study results meeting of the Project on February 9, 2016, subsequent to the release of the QC8 Phase I report package for the Project dated January 15, 2016 it was determined that the following item(s) in the QC8 Phase I report package for the Project required an update:

1. Allocation of Network Upgrades for Cost Estimates and Maximum Network Upgrade Cost Responsibility (Attachment 3 to Project Appendix A report dated January 15, 2016), to reflect the appropriate ADNU escalated costs.

These item(s) have been updated accordingly, and are attached as part of this QC8 Phase I Addendum report package. The corresponding changes replace and supersede those same sections in the Project's QC8 Phase I Appendix A report dated January 15, 2016, and the remainder of the Phase I study report is unaffected by this addendum report.

In addition, subsequent to the release of the QC8 Phase I report package for the Project dated January 15, 2016, to comply with GIP obligation to IC's written comments on interconnection studies as modified by FERC Order 792, SCE is publishing any written comments submitted by the IC:

- Within ten (10) Business Days of receipt of the QC7 PII report, but in no event less than three (3) Business Days before the Results Meeting conducted to discuss the report; and/or
- Additional comments on the final QC7 Phase II Interconnection Study report up to (3) Business Days following the Results Meeting

This addendum report discloses below the written comments provided by the IC to SCE in accordance with the timelines stated in GIP for QC8 Phase I study report dated January 15, 2016, and the Phase I study report is unaffected by this addendum report.

Attachment 3
Allocation of Network Upgrades for Cost Estimates and Maximum Network Upgrade Cost Responsibility

Queue #

WDT1298

	Total NU Cost (2015 \$k)	Incremental MW	Cost Rate (2015 \$/MW)	Project MW	Allocated Cost (2015 \$k)	Allocated Cost (Escalated \$k)
Coolwater - Lugo 220kV T/L						
Modify SPS for:						
N-1 of Jasper-Lugo 220 kV T/L;						
N-1 of Coolwater-Jasper 220 kV T/L						
N-2 Cool Water-Kramer & Kramer-Sandlot 220 kV T/L;						
N-2 Cool Water-Kramer & Kramer-Victor No.2 220 kV T/L;	\$365,957	462	\$792	3.00	\$2,376	\$3,106
Lugo 500/230kV transformer bank No. 3	\$126,625	969	\$131	3.00	\$392	\$456
Grand Total					\$2,768	\$3,562

QC8 Phase I – WDT1298 – [REDACTED]

1. Written comments provided by IC within ten (10) Business Days of receipt of the QC8 PI report.

Questions on [REDACTED] (WDAT1298) Phase 1 Study Results and Report

Q1) Appendix A to Phase 1 Study Report notes on Page 4 states that “[REDACTED] [REDACTED] is required for this project. Please explain what is the exact purpose of this switchgear?

Q2) Appendix A to Phase 1 Study Report notes on Page 7: “The [REDACTED] is not expected to experience a voltage rise that exceeds allowable Rule 2 requirements with the Project in service. However, the Project is required Appendix A to provide power factor regulation capability [REDACTED] at POI.”

There seems to be no justification in the study for the project to provide reactive power support. Why require the support in direct contravention of FERC order 661-A?

Q3) Attachment 1 to Appendix A of the Phase 1 Study Report (Section 1.a.viii.2, Page 3) notes: “Provide broadband internet service to support communication of the telemetering data to the Distribution Provider’s grid control center.”

Can SCE provide more detailed specification of such broadband internet service (e.g., speed) at this time?

Q4) Attachment 1 to Appendix A of the Phase 1 Study Report (Section 2.b.ii.1, Page 5) identifies more than 10 major Area Delivery Network Upgrades (ADNU) associated with this project. However, Attachment 3 to the same appendix report (on Page 18), only allocates the cost of 2 ADNUs to this project.

First, can SCE/CAISO please confirm that this project can start operation without the ADNUs, if still applicable after the Phase 2 study, having been implemented?

Second, is the fact that only the cost of 2 ANDUs have been allocated to this project due to this project having lower than threshold participation factors for the remaining ADNUs costs?

Q5) Attachment 3 to Appendix A of study report (Page 18) shows that the [REDACTED] WDAT 1298 project is responsible for [REDACTED] of the cost of [REDACTED]
[REDACTED]

IC WRITTEN COMMENTS

QC8 Phase I – WDT1298 – [REDACTED]

First, does [REDACTED] refer to capacity of [REDACTED] projects in QC8 or the deliverability capacity that these two transmission lines add to [REDACTED]

Second, 0.6% participation factor is significantly lower than the [REDACTED] used for allocating ADNU to interconnecting projects. Can you please explain the reason for cost allocation?

Q6) Attachment 3 to Appendix A of study report (Page 18) shows that the [REDACTED] WDAT 1298 project is responsible for [REDACTED] of the cost of [REDACTED]
[REDACTED]

First, does [REDACTED] refer to capacity of [REDACTED] projects in QC8 (if yes why different from Q4) or the deliverability capacity that the transformer bank adds to [REDACTED]

Second, the 0.3% participation factor is significantly lower than the [REDACTED] used for allocating ADNU to interconnecting projects. Can you please explain the reason for cost allocation?

2. Written comments provided by IC three (3) Business Days following the Results Meeting.
 - a. None