



February 24, 2012

The Honorable Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

Re: *California Independent System Operator Corporation*
Docket No. ER12-_____-000

Transmission Access Charge Informational Filing

Dear Secretary Bose:

The California Independent System Operator Corporation submits an informational filing to provide notice regarding the ISO's revised transmission access charges (TAC) effective March 1, 2010, June 1, 2010, September 1, 2010, November 23, 2010, January 1, 2011, February 19, 2011, March 1, 2011, April 20, 2011, July 1, 2011, August 1, 2011, September 1, 2011, and December 1, 2011.¹ The basis for these revisions to the ISO's TAC rates is to implement revised transmission revenue requirements (TRRs) of Southern California Edison Company (SCE), San Diego Gas & Electric Company (SDG&E), Pacific Gas and Electric Company (PG&E), Atlantic Path 15, LLC, and the cities of Vernon, Riverside, Banning, Anaheim, Pasadena, and Azusa, California, to implement the initial TRR of Trans Bay Cable LLC, and to implement the annual transmission revenue balancing account (TRBA) adjustments of the ISO's participating transmission owners for 2011.²

This filing consolidates notice of several revisions to the ISO's TAC rates based on a number of Commission orders issued during the past several months. Each of these Commission orders and its effect on the ISO's TAC rates is described below in order of the effective dates of the revisions to the ISO's TAC rates. Some of these Commission orders have required the ISO to provide refunds associated with the revisions to TAC rates required by these orders. The ISO will invoice these refunds in accordance with the schedule set forth in the ISO tariff for recalculation of settlements for the periods to which these refunds apply.

¹ This filing is submitted in compliance with Order No. 714, *Electronic Tariff Filings*, FERC Stats. & Regs. ¶ 31,276 (2009). Capitalized terms not otherwise defined herein have the meanings set forth in Appendix A of the ISO tariff. The ISO is also sometimes referred to as the CAISO.

² The participating transmission owners with TRBA adjustments for 2011 are PG&E, SCE, SDG&E, the Cities of Anaheim, Azusa, Banning, Pasadena, Riverside, and Vernon, California, Atlantic Path 15, LLC, and Startrans IO, L.L.C.

I. TRR Revision Orders and ISO Implementation

A. SCE Revised TRR Effective March 1, 2010

On July 31, 2009, SCE filed a revised TRR in Docket No. ER09-1534. On September 30, 2009, the Commission issued an order accepting the filing, subject to refund, effective as of March 1, 2010.³ On January 28, 2010, SCE filed a further revision to its TRR in Docket No. ER10-665 to be effective as of March 1, 2010. On March 12, 2010, the Commission issued a letter order accepting this further TRR revision. The ISO included a description of these two prior revisions to SCE's TRR effective as of March 1, 2010 in its informational filing on July 30, 2010 in Docket No. ER10-2079, as revised on August 2, 2010. On December 17, 2010, SCE filed an offer of settlement in Docket No. ER09-1534, including a further revised TRR effective as of March 1, 2010, which filing was assigned Docket No. ER11-2405. On February 11, 2011, the Commission issued a letter order approving SCE's settlement, including its further revised TRR.⁴ At the time the Commission issued this letter order, the ISO had implemented other TRR revisions since March 1, 2010. Consequently, the implementation of SCE's revised TRR effective as of March 1, 2010 required the revision of the ISO's TAC rates that had changed during the intervening period.

Thus, along with notice of other changes in the ISO's TAC rates, today's informational filing provides notice of the ISO's revised TAC rates effective as of March 1, 2010, June 1, 2010, September 1, 2010, November 23, 2010, and January 1, 2011 reflecting the revised SCE TRR accepted by the Commission in the order issued on February 11, 2011 in Dockets No. ER11-2405 and ER09-1534. However, subsequent FERC orders accepted or approved other revised TRRs effective as of September 1, 2010, November 23, 2010, and January 1, 2011 that resulted in revised TAC rates that superseded the TAC rates for these dates implemented pursuant to this order. As these interim revised TAC rates are no longer effective for the specified dates, the ISO has not included these interim revised TAC rates effective as of September 1, 2010, November 23, 2010 and January 1, 2011 in the attachments to this filing.

B. SDG&E Revised TRR Effective September 1, 2010

On August 13, 2010, SDG&E filed a revised TRR in Docket No. ER10-2235. On October 8, 2010, the Commission issued an order conditionally accepting this revision to SDG&E's TRR, subject to a compliance filing and potential refund, effective as of September 1, 2010.⁵ On November 8, 2010, SDG&E filed a further revised TRR in a compliance filing in Docket No. ER10-2235. On February 16, 2011, the Commission issued a letter order accepting that further revised TRR, effective as of September 1, 2010. At the time the Commission issued this letter order, the ISO had implemented

³ *Southern California Edison Company*, 128 FERC ¶ 61,287 (2009).

⁴ *Southern California Edison Company*, 134 FERC ¶ 61,098 (2011).

⁵ *San Diego Gas & Electric Company*, 133 FERC ¶ 61,016 (2010).

other TRR revisions since September 1, 2010. Consequently, the implementation of SDG&E's revised TRR effective as of September 1, 2010, required the revision of the ISO's TAC rates that had changed during the intervening period. Thus, along with notice of other changes in the ISO's TAC rates, today's informational filing provides notice of the ISO's revised TAC rates effective as of September 1, 2010, November 23, 2010, and January 1, 2011 reflecting the revised SDG&E TRR conditionally accepted by the Commission in the order issued on October 8, 2010 in Docket No. ER10-2235, as further revised pursuant to the letter order issued on February 16, 2011. However, subsequent FERC orders accepted or approved other revised TRRs effective as of November 23, 2010 and January 1, 2011 that resulted in revised TAC rates that superseded the TAC rates for these dates implemented pursuant to this order. As these interim revised TAC rates are no longer effective for the specified dates, the ISO has not included these interim revised TAC rates effective as of November 23, 2010 and January 1, 2011 in the attachments to this filing.

C. Trans Bay Cable TRR Effective November 23, 2010

On October 23, 2009, Trans Bay Cable LLC filed a proposed TRR in Docket No. ER10-116. On December 17, 2009, the Commission issued an order accepting Trans Bay Cable's TRR, subject to refund, making that TRR effective as of the date that Trans Bay Cable's project achieved commercial operation and was transferred to the ISO's operational control.⁶ On November 23, 2010, the ISO accepted operational control of Trans Bay Cable's project and filed an informational notice with the Commission of that fact on November 24, 2010 in Docket No. ER06-1360. On January 11, 2011, Trans Bay Cable filed updated cost information in Docket No. ER10-116 for consideration regarding its potential refund obligation in this proceeding.

In addition, on April 1, 2011, as amended on April 8, 2011, Trans Bay Cable filed a revised TRR in Docket No. ER11-3262. On June 7, 2011, the Commission issued an order accepting Trans Bay Cable's revised TRR, subject to refund, effective as of November 23, 2010.⁷ On November 8, 2011, Trans Bay Cable filed an offer of settlement in Docket Nos. ER10-116 and ER11-3262, including a further revised TRR effective as of November 23, 2010. On December 30, 2011, the Commission issued a letter order approving Trans Bay Cable's settlement, including its further revised TRR.⁸ At the time the Commission issued this order, the ISO had implemented other TRR revisions since November 23, 2010. Consequently, the implementation of Trans Bay Cable's revised TRR effective as of November 23, 2010, required the revision of the ISO's TAC rates that had changed during the intervening period.

Thus, along with notice of other changes in the ISO's TAC rates, today's informational filing provides notice of the ISO's revised TAC rates effective as of November 23, 2010, January 1, 2011, February 19, 2011, March 1, 2011, April 20,

⁶ *Trans Bay Cable LLC*, 129 FERC ¶ 61,225 (2009), *reh'g denied*, 132 FERC ¶ 61,083 (2010).

⁷ *Trans Bay Cable LLC*, 135 FERC ¶ 61,215 (2011).

⁸ *Trans Bay Cable LLC*, 137 FERC ¶ 61,258 (2011).

2011, July 1, 2011, August 1, 2011, and September 1, 2011 reflecting the Trans Bay Cable TRR accepted by the Commission in the order issued on December 17, 2009 in Docket No. ER10-116, as revised pursuant to the order issued on June 7, 2011 in Docket No. ER11-3262, and as further revised pursuant to the letter order issued on December 30, 2011 in Docket Nos. ER10-116 and ER11-3262. As the letter order issued on December 30, 2011 resulted in revisions to the ISO's TAC rates for all the periods from November 23, 2010 through September 1, 2011, the revisions to the TAC rates for all of these periods supersede all prior revisions to the ISO's TAC rates for these periods based on other revised TRRs accepted or approved for implementation during these periods. As these prior revised TAC rates are no longer effective for the specified dates, the ISO has not included any of these interim revised TAC rates effective as of November 23, 2010, January 1, 2011, February 19, 2011, March 1, 2011, April 20, 2011, July 1, 2011, August 1, 2011, or September 1, 2011 in the attachments to this filing. However, subsequent FERC orders accepted or approved other revised TRRs effective as of July 1, 2011, August 1, 2011, and September 1, 2011 that resulted in revised TAC rates that superseded the TAC rates for this date implemented pursuant to the order issued on December 17, 2009 in Docket No. ER10-116, as revised pursuant to the order issued on June 7, 2011 in Docket No. ER11-3262, and as further revised pursuant to the letter order issued on December 30, 2011 in Docket Nos. ER10-116 and ER11-3262. As these interim revised TAC rates are no longer effective for the specified date, the ISO has not included these interim revised TAC rates effective as of July 1, 2011, August 1, 2011, and September 1, 2011 in the attachments to this filing.

D. City of Vernon Revised TRR Effective January 1, 2011

On November 2, 2010, the City of Vernon filed an annual update to its TRR in Docket No. NJ11-4, which revised TRR the Commission had previously approved in an order issued in Docket No. EL09-64 on September 11, 2009.⁹ Vernon filed this revision to its TRR in conjunction with the filing of its annual adjustment to its TRBA. On December 8, 2010, the Commission issued a letter order accepting Vernon's revised TRR (as well as its adjusted TRBA), effective as of January 1, 2011. Along with notice of other changes in the ISO's TAC rates, today's informational filing provides notice of the ISO's revised TAC rates effective as of January 1, 2011 reflecting Vernon's revised TRR accepted by the Commission in the order issued on December 8, 2010 in Docket No. NJ11-4. However, subsequent FERC orders accepted or approved other revised TRRs effective as of January 1, 2011 that resulted in revised TAC rates that superseded the TAC rates for this date implemented pursuant to this order. As these interim revised TAC rates are no longer effective for the specified date, the ISO has not included these interim revised TAC rates effective as of January 1, 2011 in the attachments to this filing.

⁹ *City of Vernon, California*, 128 FERC ¶ 61,235 (2009).

E. SCE Revised TRR Effective January 1, 2011

On October 29, 2010, SCE filed a revised TRR in Docket No. ER11-1952. On December 29, 2010, the Commission issued an order accepting the filing, subject to refund, effective as of January 1, 2011.¹⁰ On January 18, 2011, SCE submitted a compliance filing of a further revision to its TRR in Docket No. ER11-1952. On February 14, 2011, the Commission issued a letter order accepting this further TRR revision, effective as of January 1, 2011, subject to the ongoing proceedings regarding a potential refund by SCE. On December 23, 2011, SCE filed an offer of settlement in this proceeding, which would not require any revision to SCE's TRR or refund retroactive to January 1, 2011. The Commission has not yet acted on this filing. SCE filed a request for rehearing of the December 29, 2010 order on January 28, 2011. On October 6, 2011, the Commission issued an order denying SCE's request for rehearing.¹¹ On December 5, 2011, SCE filed a Petition for Review with the United States Court of Appeals for the District of Columbia Circuit, and the court has not yet issued a decision on that filing. SCE's TRR will have to be further revised, effective as of January 1, 2011, if the court orders such a revision to SCE's TRR in response to SCE's filing.

Along with notice of other changes in the ISO's TAC rates, today's informational filing provides notice of the ISO's revised TAC rates effective as of January 1, 2011 reflecting the revised SCE TRR conditionally accepted by the Commission in the order issued on December 29, 2010 in Docket No. ER11-1952, as further revised pursuant to the letter order issued on February 14, 2011. However, subsequent FERC orders accepted or approved other revised TRRs effective as of January 1, 2011 that resulted in revised TAC rates that superseded the TAC rates for this date implemented pursuant to this order. As these interim revised TAC rates are no longer effective for the specified date, the ISO has not included these interim revised TAC rates effective as of January 1, 2011 in the attachments to this filing.

F. City of Riverside Revised TRR Effective January 1, 2011

On December 20, 2010, the City of Riverside filed an annual update to its TRR in Docket No. NJ11-7, which revised TRR the Commission had previously approved in an order issued in Docket No. EL09-52 on February 5, 2010.¹² On April 26, 2011, the Commission issued an order accepting Riverside's revised TRR, effective as of January 1, 2011.¹³ At the time the Commission issued this order, the ISO had implemented other TRR revisions since January 1, 2011. Consequently, the implementation of Riverside's revised TRR effective as of January 1, 2011, required the revision of the ISO's TAC rates that had changed during the intervening period. Thus, along with notice of other changes in the ISO's TAC rates, today's informational filing provides

¹⁰ *Southern California Edison Company*, 133 FERC ¶ 61,269 (2010).

¹¹ *Southern California Edison Company*, 137 FERC ¶ 61,016 (2011).

¹² *City of Riverside, California*, 130 FERC ¶ 61,094 (2010).

¹³ *City of Riverside, California*, 135 FERC ¶ 61,074 (2011).

notice of the ISO's revised TAC rates effective as of January 1, 2011, March 1, 2011, and April 20, 2011 reflecting Riverside's revised TRR accepted by the Commission in the order issued on April 26, 2011 in Docket No. NJ11-7. However, subsequent FERC orders accepted or approved other revised TRRs effective as of January 1, 2011, March 1, 2011, and April 20, 2011 that resulted in revised TAC rates that superseded the TAC rates for these dates implemented pursuant to this order. As these interim revised TAC rates are no longer effective for the specified dates, the ISO has not included these interim revised TAC rates effective as of January 1, 2011, March 1, 2011, and April 20, 2011 in the attachments to this filing.

G. TRBA Adjustments Effective January 1, 2011

The docket numbers and filing dates for the filings of the participating transmission owners updating their respective TRRs to account for their TRBA adjustments are provided in Attachment A to this informational filing. In each proceeding, the Commission issued a letter order accepting the requested TRBA adjustment effective as of January 1, 2011. Vernon filed its TRBA adjustment together with its TRR revision described in Section I.D above, and the Commission accepted the TRBA adjustment in the same December 8, 2010 letter order in which it accepted Vernon's TRR revision. Along with notice of other changes in the ISO's TAC rates, today's informational filing provides notice of the ISO's revised TAC rates effective as of January 1, 2011 reflecting the TRBA adjustments accepted by the Commission in the orders in the dockets listed in Attachment A. However, subsequent FERC orders accepted or approved other revised TRRs effective as of January 1, 2011 that resulted in revised TAC rates that superseded the TAC rates for this date implemented pursuant to these orders. As these interim revised TAC rates are no longer effective for the specified date, the ISO has not included these interim revised TAC rates effective as of January 1, 2011 in the attachments to this filing.

H. Atlantic Path 15 Revised TRR Effective February 19, 2011

On December 20, 2010, Atlantic Path 15, LLC filed a revised TRR in Docket No. ER11-2408. On January 19, 2011, the Commission issued a letter order accepting the filing, effective as of February 19, 2011. By the time the ISO identified the need to implement this letter order, the ISO had implemented other TRR revisions since February 19, 2011. Consequently, the implementation of Atlantic Path 15's revised TRR effective as of February 19, 2011, required the revision of the ISO's TAC rates that had changed during the intervening period. Thus, along with notice of other changes in the ISO's TAC rates, today's informational filing provides notice of the ISO's revised TAC rates effective as of February 19, 2011 and March 1, 2011 reflecting the revised Atlantic Path 15 TRR accepted by the Commission in the letter order issued on January 19, 2011 in Docket No. ER11-2408. However, subsequent FERC orders accepted or approved other revised TRRs effective as of February 19, 2011 and March 1, 2011 that resulted in revised TAC rates that superseded the TAC rates for these dates implemented pursuant to this order. As these interim revised TAC rates are no longer

effective for the specified dates, the ISO has not included these interim revised TAC rates effective as of February 19, 2011 and March 1, 2011 in the attachments to this filing.

I. PG&E Revised TRR Effective March 1, 2011

On July 28, 2010, PG&E filed a revised TRR in Docket No. ER10-2026. On September 30, 2010, the Commission issued an order accepting the filing, subject to refund, effective as of March 1, 2011.¹⁴ On April 28, 2011, PG&E filed an offer of settlement revising its TRR effective as of March 1, 2011. On May 10, 2011, the Chief Administrative Law Judge of the Commission issued an order authorizing PG&E to institute its revised TRR on an interim basis effective as of March 1, 2011 for wholesale customers, to remain effective until a Commission order on the offer of settlement.¹⁵ On August 10, 2011, the Commission issued a letter order approving this settlement.¹⁶ At the time the Chief Judge issued the interim order instituting PG&E's revised TRR, the ISO had implemented other TRR revisions since March 1, 2011. Consequently, the implementation of PG&E's revised TRR effective as of March 1, 2011, required the revision of the ISO's TAC rates that had changed during the intervening period. Thus, along with notice of other changes in the ISO's TAC rates, today's informational filing provides notice of the ISO's revised TAC rates effective as of March 1, 2011 and April 20, 2011 reflecting the revised PG&E TRR conditionally accepted by the Commission in the order issued on September 30, 2010 in Docket No. ER10-2026, as further revised pursuant to the order issued on August 10, 2011. However, subsequent FERC orders accepted or approved other revised TRRs effective as of March 1, 2011 and April 20, 2011 that resulted in revised TAC rates that superseded the TAC rates for these dates implemented pursuant to the interim order of the Chief Judge. As these interim revised TAC rates are no longer effective for the specified dates, the ISO has not included these interim revised TAC rates effective as of March 1, 2011 and April 20, 2011 in the attachments to this filing.

J. Atlantic Path 15 Revised TRR Effective April 20, 2011

On February 18, 2011, Atlantic Path 15, LLC filed a revised TRR in Docket No. ER11-2909. On April 19, 2011, the Commission issued an order in Dockets No. ER11-2909 and EL11-29 accepting the filing, subject to refund, effective as of April 20, 2011.¹⁷ Parties filed requests for rehearing of this order on May 11 and May 19, 2011. On January 4, 2012, the Commission issued an order denying these requests for rehearing.¹⁸ Hearings have been scheduled in Dockets No. ER11-2909 and EL11-29; however, the Commission has not yet issued any further order revising Atlantic Path 15's TRR in these proceedings. Along with notice of other changes in the ISO's TAC

¹⁴ *Pacific Gas and Electric Company*, 132 FERC ¶ 61,272 (2010).

¹⁵ *Pacific Gas and Electric Company*, 135 FERC ¶ 63,007 (2011).

¹⁶ *Pacific Gas and Electric Company*, 136 FERC ¶ 61,095 (2011).

¹⁷ *Atlantic Path 15, LLC*, 135 FERC ¶ 61,037 (2011).

¹⁸ *Atlantic Path 15, LLC*, 138 FERC ¶ 61,005 (2012).

rates, today's informational filing provides notice of the ISO's revised TAC rates effective as of April 20, 2011 reflecting the revised Atlantic Path 15 TRR conditionally accepted by the Commission in the order issued on April 19, 2011 in Dockets No. ER11-2909 and EL11-29. However, subsequent FERC orders accepted or approved other revised TRRs effective as of April 20, 2011 that resulted in revised TAC rates that superseded the TAC rates for this date implemented pursuant to this order. As these interim revised TAC rates are no longer effective for the specified date, the ISO has not included these interim revised TAC rates effective as of April 20, 2011 in the attachments to this filing.

K. City of Anaheim Revised TRR Effective July 1, 2011

On May 18, 2011, the City of Anaheim filed a revised TRR in Docket No. ER11-3594. On July 15, 2011, the Commission issued an order conditionally accepting Anaheim's revised TRR, subject to hearing and settlement judge procedures, effective as of July 1, 2011.¹⁹ On November 9, 2011, Anaheim filed an offer of settlement including a further revised TRR in Docket No. ER11-3594. On February 1, 2012, the Commission issued a letter order approving this settlement.²⁰ Along with notice of other changes in the ISO's TAC rates, today's informational filing provides notice of the ISO's revised TAC rates effective as of July 1, 2011 reflecting Anaheim's revised TRR conditionally accepted by the Commission in the order issued on July 15, 2011 in Docket No. ER11-3594, as further revised pursuant to the letter order issued on February 1, 2012.

L. City of Banning Revised TRR Effective July 1, 2011

On June 30, 2011, the City of Banning filed a revised TRR in Docket No. ER11-3962. On August 29, 2011, the Commission issued an order conditionally accepting Banning's revised TRR, subject to hearing and settlement judge procedures, effective as of July 1, 2011.²¹ On October 11, 2011, Banning filed an offer of settlement including a further revised TRR in Docket No. ER11-3962. On January 30, 2012, the Commission issued a letter order approving this settlement.²² Along with notice of other changes in the ISO's TAC rates, today's informational filing provides notice of the ISO's revised TAC rates effective as of July 1, 2011 reflecting Banning's revised TRR conditionally accepted by the Commission in the order issued on August 29, 2011 in Docket No. ER11-3962, as further revised pursuant to the letter order issued on January 30, 2012.

¹⁹ *City of Anaheim, California*, 136 FERC ¶ 61,034 (2011).

²⁰ *City of Anaheim, California*, 138 FERC ¶ 61,079 (2012).

²¹ *City of Banning, California*, 136 FERC ¶ 61,134 (2011).

²² *City of Banning, California*, 138 FERC ¶61,067 (2012).

M. City of Riverside Revised TRR Effective August 1, 2011

On July 1, 2011, the City of Riverside filed a revised TRR in Docket No. ER11-3984. On August 29, 2011, the Commission issued an order conditionally accepting Riverside's revised TRR, subject to hearing and settlement judge procedures, effective as of August 1, 2011.²³ On November 16, 2011, Riverside filed an offer of settlement including a further revised TRR in Docket No. ER11-3984. On January 26, 2012, the Commission issued a letter order approving this settlement.²⁴ Along with notice of other changes in the ISO's TAC rates, today's informational filing provides notice of the ISO's revised TAC rates effective as of August 1, 2011 reflecting Riverside's revised TRR conditionally accepted by the Commission in the order issued on August 29, 2011 in Docket No. ER11-3984, as further revised pursuant to the letter order issued on January 26, 2012.

N. City of Pasadena Revised TRR Effective September 1, 2011

On August 25, 2011, the City of Pasadena filed a revised TRR in Docket No. ER11-4375. On October 20, 2011, the Commission issued an order conditionally accepting Pasadena's revised TRR, subject to hearing and settlement judge procedures, effective as of September 1, 2011.²⁵ On December 1, 2011, Pasadena filed an offer of settlement revising its TRR effective as of September 1, 2011. On December 6, 2011, the Chief Administrative Law Judge of the Commission issued an order in Docket No. ER11-4375 authorizing Pasadena to institute its revised TRR on an interim basis effective as of September 1, 2011, to remain effective until a Commission order on the offer of settlement. The Commission approved the offer of settlement and settlement agreement on February 1, 2012.²⁶ Along with notice of other changes in the ISO's TAC rates, today's informational filing provides notice of the ISO's revised TAC rates effective as of September 1, 2011 reflecting Pasadena's revised TRR conditionally accepted by the Commission in the order issued on October 20, 2011 in Docket No. ER11-4375, as revised pursuant to the December 6, 2011 order of the Chief Judge. However, subsequent FERC orders accepted or approved other revised TRRs effective as of September 1, 2011 that resulted in revised TAC rates that superseded the TAC rates for this date implemented pursuant to the interim order of the Chief Judge. As these interim revised TAC rates are no longer effective for the specified date, the ISO has not included these interim revised TAC rates effective as of September 1, 2011 in the attachments to this filing.

²³ *City of Riverside, California*, 136 FERC ¶ 61,137 (2011).

²⁴ *City of Riverside, California*, 138 FERC ¶ 61,053 (2012).

²⁵ *City of Pasadena, California*, 137 FERC ¶ 61,045 (2011).

²⁶ *City of Pasadena, California*, 138 FERC ¶ 61,080 (2012).

O. SDG&E Revised TRR Effective September 1, 2011

On August 15, 2011, SDG&E filed a revised TRR in Docket No. ER11-4318. On October 14, 2011, the Commission issued an order conditionally accepting this revision to SDG&E's TRR, subject to refund, effective as of September 1, 2011.²⁷ On November 14, 2011, SDG&E filed a further revised TRR in a compliance filing in Docket No. ER11-4318. The Commission has not yet approved this compliance filing. On November 17, 2011, SDG&E filed an offer of settlement including a further revised TRR in Docket No. ER11-4318. On February 1, 2012, the Commission issued a letter order approving this settlement.²⁸ Along with notice of other changes in the ISO's TAC rates, today's informational filing provides notice of the ISO's revised TAC rates effective as of September 1, 2011 reflecting SDG&E's revised TRR conditionally accepted by the Commission in the order issued on October 14, 2011 in Docket No. ER11-4318, as further revised pursuant to the letter order issued on February 1, 2012.

P. City of Azusa Revised TRR and TRBA Effective December 1, 2011

On November 30, 2011, the City of Azusa filed a revised TRR, including an interim revision to its TRBA, in Docket No. ER12-489. On January 24, 2012, the Commission issued an order conditionally accepting Azusa's revised TRR, subject to hearing and settlement judge procedures, effective as of December 1, 2011.²⁹ Along with notice of other changes in the ISO's TAC rates, today's informational filing provides notice of the ISO's revised TAC rates effective as of December 1, 2011 reflecting Azusa's revised TRR conditionally accepted by the Commission in the order issued on January 24, 2012 in Docket No. ER12-489.

II. ISO Tariff Amendments to Reflect Last Annual TAC Transition Charge Revision as of January 1, 2010 and Revised Form of TAC Rates Spreadsheet

In the ISO's July 30, 2010 notice of changes in the ISO's TAC rates filed in Docket No. ER10-2079, the ISO advised that Sections 4.2, 5.7, 5.8, 5.9, and 7 of Schedule 3 of Appendix F of the ISO tariff when read together provided that the transition charge associated with the TAC was to be revised annually for the ten-year TAC transition period until it was no longer applicable. That informational filing provided notice of the ISO's revised TAC rates effective as of January 1, 2010 reflecting the revised transition charge pursuant to those tariff provisions. That filing also advised that 2010 was the final year of the ten-year TAC transition period and that the ISO intended to make a filing of tariff revisions to clarify or delete tariff provisions regarding the TAC transition charge for the year 2011 and subsequent years. The ISO filed these clarifying

²⁷ *San Diego Gas & Electric Company*, 137 FERC ¶ 61,041 (2011).

²⁸ *San Diego Gas & Electric Company*, 138 FERC ¶ 61,081 (2012).

²⁹ *City of Azusa, California*, 138 FERC ¶ 61,049 (2012).

tariff revisions on December 29, 2010 in Docket No. ER11-2574, and the Commission accepted them in its order issued on February 28, 2011.³⁰

In conjunction with the revisions to the ISO tariff to recognize the end of the 10-year TAC transition period, the ISO has been able to simplify the form of the TAC rates spreadsheet that the Commission has ordered the ISO to file with its TAC rates revisions informational filings. With the end of the transition charge and the full implementation of a single grid-wide rate for the ISO's high voltage access charge, the ISO's TAC rates spreadsheet no longer needs to include several prior calculations. Accordingly, the ISO has used a revised form of the ISO's TAC rates spreadsheet in the appendices to this filing to specify the revised manner of calculation of the ISO's high voltage access charge rates for all of the revisions to the ISO's TAC rates since January 1, 2011.

III. Changes in TAC Rates

The TAC rates provided in the present filing revise the high voltage access charges and wheeling access charges provided for informational purposes by the ISO in Docket No. ER10-2079 filed on July 30, 2010, as revised on August 2, 2010. Pursuant to the Commission orders in Dockets No. ER09-1534, ER11-2405, ER10-2235-000, ER10-116, ER11-3262, NJ11-4, ER11-1952, NJ11-7, ER11-2408, ER10-2026, ER11-2909, EL11-29, ER11-3594, ER11-3962, ER11-3984, ER11-4375, ER11-4318, ER12-489, and the docket numbers listed in Attachment A, the changes in the present filing are effective for the dates set forth below, in accordance with Appendix F, Schedule 3, Section 8 of the ISO tariff.

Worksheets illustrating the calculation of the CAISO's TAC rates are included with the present transmittal letter as Attachments B-M. The rates for each of the TAC Areas effective March 1, 2010 through May 31, 2010 are reflected in Attachment B and are as follows:

Northern Area	\$4.8176/MWh
East/Central Area	\$4.8176/MWh
Southern Area	\$4.8176/MWh

The rates for each of the TAC Areas effective June 1, 2010 through August 31, 2010 are reflected in Attachment C and are as follows:

Northern Area	\$4.8536/MWh
East/Central Area	\$4.8536/MWh
Southern Area	\$4.8536/MWh

³⁰ *California Independent System Operator Corporation*, 134 FERC ¶ 61,140 (2011).

The rates for each of the TAC Areas effective September 1, 2010 through November 22, 2010 are reflected in Attachment D and are as follows:

Northern Area	\$4.9563/MWh
East/Central Area	\$4.9563/MWh
Southern Area	\$4.9563/MWh

The rates for each of the TAC Areas effective November 23, 2010 through December 31, 2010 are reflected in Attachment E and are as follows:

Northern Area	\$5.5459/MWh
East/Central Area	\$5.5459/MWh
Southern Area	\$5.5459/MWh

The ISO completed its transition to a single grid-wide TAC rate for its high voltage access charge effective as of January 1, 2011. The ISO's TAC rate effective January 1, 2011 through February 18, 2011 is \$6.1854/MWh and is reflected in Attachment F.

The ISO's TAC rate effective February 19, 2011 through February 28, 2011 is \$6.1850/MWh and is reflected in Attachment G.

The ISO's TAC rate effective March 1, 2011 through April 19, 2011 is \$6.4039/MWh and is reflected in Attachment H.

The ISO's TAC rate effective April 20, 2011 through June 30, 2011 is \$6.4010/MWh and is reflected in Attachment I.

The ISO's TAC rate effective July 1, 2011 through July 31, 2011 is \$6.4337/MWh and is reflected in Attachment J.

The ISO's TAC rate effective August 1, 2011 through August 31, 2011 is \$6.4531/MWh and is reflected in Attachment K.

The ISO's TAC rate effective September 1, 2011 through November 30, 2011 is \$6.7976/MWh and is reflected in Attachment L.

The ISO's TAC rate effective December 1, 2011 is \$6.8002/MWh and is reflected in Attachment M.

IV. Communications

Communications regarding this filing should be addressed to the following individual, whose name should be placed on the official service list established by the Secretary with respect to this submittal:

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V. Service

The ISO has served copies of this transmittal letter and attachments hereto on the Public Utilities Commission of the State of California, the California Energy Commission, and the participating transmission owners, and on all parties with effective Scheduling Coordinator Agreements under the ISO tariff. In addition, the ISO is posting this transmittal letter and all attachments on the ISO's website.

If there are any questions concerning this filing, please contact the undersigned.

Respectfully submitted,
By: /s/ Judith B. Sander
Nancy Saracino
General Counsel
Anthony J. Ivancovich
Assistant General Counsel
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Senior Counsel
California Independent System
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Attachments

ATTACHMENT A

ATTACHMENT A

Participating Transmission Owners' 2011 TRBA Adjustment Filings

PTO	Docket No.	Date of Filing	Date of Order
Pacific Gas and Electric Company	ER11-44-000	10/6/10	11/17/10
Southern California Edison Company	ER11-1931-000	10/28/10	12/6/10
Atlantic Path 15, LLC	ER11-1957-000	10/29/10	12/3/10
City of Vernon	NJ11-4-000	11/2/10	12/8/10
Startrans IO, L.L.C.	ER11-2125-000	11/15/10	12/14/10
San Diego Gas & Electric Company	ER11-2430-000	12/22/10	2/16/11
City of Riverside	NJ11-5-000	12/13/10	1/7/11
City of Anaheim	NJ11-6-000	12/17/10	2/8/11
City of Banning	NJ11-8-000	12/22/10	2/1/11
City of Pasadena	NJ11-9-000	12/22/10 (Erratum 12/23/10)	1/31/11
City of Azusa	NJ11-10-000	12/23/10	2/1/11
San Diego Gas & Electric Company	ER11-2430-000	12/22/10	2/16/11

ATTACHMENT B

March 01, 2010 TAC Rates

Based on Filed Annual TRR/TRBA and Load Data

Based on FERC Order on SCE's Offer of Settlement (Docket Nos. ER09-1534 and ER11-2405)

TAC Components:

	Filed Annual TRR Existing HV Facilities (\$) [1]	Filed Annual TRR New HV Facilities (\$) [2]	Filed Annual Gross Load (MWH) [3]	TAC Area [4]	Total Filed TRR (\$) =[5] + [2]	EHV only Utility Specific Rate (\$/MWH) =[6] / [3]	EHV only TAC Area Rate (\$/MWH) =[7]	HV Utility Specific Rate (\$/MWH) =[8] / [3]	TAC Area Rate (\$/MWH) =[9]
PGE	\$ 160,324,704	\$ 209,625,978	90,326,715	N	\$ 369,950,682	\$ 1.7749	\$ 2.3030	\$ 4.0957	\$ 4.8176
SCE	\$ 210,001,759	\$ 222,608,302	89,286,280	EC	\$ 432,610,061	\$ 2.3520	\$ 2.3030	\$ 4.8452	\$ 4.8176
SDGE	\$ 50,179,426	\$ 58,598,134	21,965,835	S	\$ 108,777,560	\$ 2.2844	\$ 2.3030	\$ 4.9521	\$ 4.8176
Anaheim	\$ 23,669,575	\$ -	2,766,313	EC	\$ 23,669,575	\$ 8.5564	\$ 2.3030	\$ 8.5564	\$ 4.8176
Azusa	\$ 1,623,004	\$ -	239,575	EC	\$ 1,623,004	\$ 6.7745	\$ 2.3030	\$ 6.7745	\$ 4.8176
Banning	\$ 1,151,110	\$ -	139,457	EC	\$ 1,151,110	\$ 8.2542	\$ 2.3030	\$ 8.2542	\$ 4.8176
Pasadena	\$ 12,978,057	\$ -	1,295,096	EC	\$ 12,978,057	\$ 10.0209	\$ 2.3030	\$ 10.0209	\$ 4.8176
Riverside	\$ 20,950,688	\$ -	2,201,147	EC	\$ 20,950,688	\$ 9.5181	\$ 2.3030	\$ 9.5181	\$ 4.8176
Vernon	\$ 1,630,724	\$ -	1,288,684	EC	\$ 1,630,724	\$ 1.2654	\$ 2.3030	\$ 1.2654	\$ 4.8176
Atlantic P15	\$ -	\$ 30,565,537	-	N	\$ 30,565,537	\$ -	\$ -	\$ -	\$ 4.8176
Startrans	\$ 5,421,188	\$ -	-	EC	\$ 5,421,188	\$ -	\$ 2.3030	\$ -	\$ 4.8176
ISO Total	\$ 487,930,235	\$ 521,397,951	209,509,102		\$ 1,009,328,186				

STEP 1: Calculate the Access Charge Rate for each TAC Area.

TAC-Area portion is the percent of Total TRR in each area which has not yet transitioned to the ISO (0%) divided by the Total Load of each area.

The ISO portion is the percent of all TRR which has transitioned to ISO-Wide (100%), plus the TRR of New HV Facilities, divided by total load.

	Annual TRR Existing HV Facilities (\$) [10] =[1]	Annual TAC Area TRR (\$) [11] =[10] x 0%	Annual TAC Area TRR (w/Load) (\$) [11B] =[10] w/Load x 0%	Annual Gross Load (MWH) [12] =[3]	TAC Area Rate (\$/MWH) [13] =[11] / [12]	TAC Area Rate (TRR w/Load) (\$/MWH) [13B] =[11B] / [12]																							
North	\$ 160,324,704	\$ -	\$ -	90,326,715	\$ -	\$ -	<table border="1"> <thead> <tr> <th></th> <th>TAC Rate (TAC Area + ISO Wide) (\$/MWH) [19] =[13] + [17]</th> <th>Wheeling Rate (TAC Area + ISO Wide) (\$/MWH) [20] =[19]</th> <th>Existing HV Facilities (EHVF) only TAC Rate (\$/MWH) [21] =[13B] + [18]</th> <th>New HV Facilities (NHVF) only TAC Rate (\$/MWH) [22] =[15] / [16]</th> </tr> </thead> <tbody> <tr> <td>North</td> <td>\$ 4.8176</td> <td>\$ 4.8176</td> <td>\$ 2.3030</td> <td>\$ 2.4887</td> </tr> <tr> <td>East/Central</td> <td>\$ 4.8176</td> <td>\$ 4.8176</td> <td>\$ 2.3030</td> <td>\$ 2.4887</td> </tr> <tr> <td>South</td> <td>\$ 4.8176</td> <td>\$ 4.8176</td> <td>\$ 2.3030</td> <td>\$ 2.4887</td> </tr> </tbody> </table>		TAC Rate (TAC Area + ISO Wide) (\$/MWH) [19] =[13] + [17]	Wheeling Rate (TAC Area + ISO Wide) (\$/MWH) [20] =[19]	Existing HV Facilities (EHVF) only TAC Rate (\$/MWH) [21] =[13B] + [18]	New HV Facilities (NHVF) only TAC Rate (\$/MWH) [22] =[15] / [16]	North	\$ 4.8176	\$ 4.8176	\$ 2.3030	\$ 2.4887	East/Central	\$ 4.8176	\$ 4.8176	\$ 2.3030	\$ 2.4887	South	\$ 4.8176	\$ 4.8176	\$ 2.3030	\$ 2.4887		
	TAC Rate (TAC Area + ISO Wide) (\$/MWH) [19] =[13] + [17]	Wheeling Rate (TAC Area + ISO Wide) (\$/MWH) [20] =[19]	Existing HV Facilities (EHVF) only TAC Rate (\$/MWH) [21] =[13B] + [18]	New HV Facilities (NHVF) only TAC Rate (\$/MWH) [22] =[15] / [16]																									
North	\$ 4.8176	\$ 4.8176	\$ 2.3030	\$ 2.4887																									
East/Central	\$ 4.8176	\$ 4.8176	\$ 2.3030	\$ 2.4887																									
South	\$ 4.8176	\$ 4.8176	\$ 2.3030	\$ 2.4887																									
East/C	\$ 277,426,105	\$ -	\$ -	97,216,552	\$ -	\$ -																							
South	\$ 50,179,426	\$ -	\$ -	21,965,835	\$ -	\$ -																							
Total	\$ 487,930,235	\$ -	\$ -	209,509,102																									
	ISO Wide TRR Existing HV Facilities (\$) [14] Total ([10]) x 100%	ISO Wide TRR EHVF w/Load (\$) [14B] Total ([10] w/Load) x 100%	ISO Wide TRR New HV Facilities (\$) [15] = Total [2]	ISO Wide Annual Gross Load (MWH) [16] = Total [3]	ISO Wide Rate (\$/MWH) [17] =[14] + [15] / [16]	EHVF ISO-Wide Rate TRR w/Load only (\$/MWH) [18] =[14B] / [16]																							
ISO-wide	\$ 487,930,235	\$ 482,509,047	\$ 521,397,951	209,509,102	\$ 4.8176	\$ 2.3030																							

March 01, 2010 TAC Rates

Based on Filed Annual TRR/TRBA and Load Data

STEP 2: Calculate the HV Access Charge the UDC/MSS pays on Filed Gross Load and Benefit/Burden. Note: ISO total for (Benefit)/Burden may not equal zero due to rounding of TAC Rate.

TAC Area	Filed Gross Load (MWH)	EHVF only TAC Rate (\$/MWH)	Amount Paid Based on Filed Gross Load (\$)	EHVF only Utility Specific Rate (\$/MWH)	Would Have Paid w/ EHVF Utility Specific Rate (\$)	EHVF Access Charge (Benefit)/Burden (\$)
[23] = [4]	[24] = [3]	[25] = [7]	[26] = [24] x [25]	[27] = [6]	[28] = [24] x [27]	[29] = [26] - [28]
PGE N	90,326,715	\$ 2.3030	\$ 208,026,557	\$ 1.7749	\$ 160,324,704	\$ 47,701,853
SCE EC	89,286,280	\$ 2.3030	\$ 205,630,388	\$ 2.3520	\$ 210,001,759	\$ (4,371,371)
SDGE S	21,965,835	\$ 2.3030	\$ 50,588,323	\$ 2.2844	\$ 50,179,426	\$ 408,897
Anaheim EC	2,766,313	\$ 2.3030	\$ 6,370,945	\$ 8.5564	\$ 23,669,575	\$ (17,298,630)
Azusa EC	239,575	\$ 2.3030	\$ 551,752	\$ 6.7745	\$ 1,623,004	\$ (1,071,252)
Banning EC	139,457	\$ 2.3030	\$ 321,176	\$ 8.2542	\$ 1,151,110	\$ (829,934)
Pasadena EC	1,295,096	\$ 2.3030	\$ 2,982,665	\$ 10.0209	\$ 12,978,057	\$ (9,995,392)
Riverside EC	2,201,147	\$ 2.3030	\$ 5,069,342	\$ 9.5181	\$ 20,950,688	\$ (15,881,346)
Vernon EC	1,288,684	\$ 2.3030	\$ 2,967,898	\$ 1.2654	\$ 1,630,724	\$ 1,337,174
Startrans EC	-	\$ 2.3030	\$ 0	\$ 0	\$ 0	\$ 0
ISO Total	209,509,102		\$ 482,509,047		\$ 482,509,047	\$ (0)

STEP 3: For Information Only -- Projected annual net benefits/burdens from Access Charge for Existing Facilities.

\$32/32/8 million cap for IOUs; munis are held harmless; IOUs pay muni cost increases in proportion to their cap relative to the total cap.

EHVF Access Charge (Benefit)/Burden (\$)	IOU Burden Annual Cap (\$)	Amount IOUs' Cap Exceeds IOUs' Burden (\$)	Amount IOU's Burden Exceeds IOU's Cap (\$)	Payments by Entities with Net Benefit (\$)	Mitigation Payments (\$)	Adjusted Net (Benefit) / Burden (\$)	Reallocation IOU Burden (\$)	Transition Charge (\$)	Adjusted Net (Benefit) / Burden (\$)	Transition Charge Rate (\$/MWh)
[30] = [29]	[31]	[32] IF ([31] - [30] > 0) = [31] - [30]. If no cap, then 0.	[33] IF [30] - [31] > 0 = [30] - [31]. If no cap, then 0.	[34] IOUs = ([32] / total[32]) x total[33]. Munis w/ Benefit = ([30] / total[30]) x total[33] - total[32]	[35] = [34] - [33]	[36] = [30] + [35]	[37] Reallocate IOU Burden [39] so it is proportional to IOU Cap [31] = [39] - [36]	[38] = [35] + [37]	[39] = [36] + [37]	[40] = [38] / [24]
\$ 47,701,853	\$ 32,000,000	\$ 0	\$ 15,701,852.9855	\$ 0	\$ (15,701,853)	\$ 32,000,000	\$ (11,965,977)	\$ (27,667,830)	\$ 20,034,023	\$ (0.3063)
\$ (4,371,371)	\$ 32,000,000	\$ 36,371,371	\$ 0	\$ 14,096,859	\$ 14,096,859	\$ 9,725,487	\$ 10,308,536	\$ 24,405,395	\$ 20,034,023	\$ 0.2733
\$ 408,897	\$ 8,000,000	\$ 7,591,103	\$ 0	\$ 2,942,169	\$ 2,942,169	\$ 3,351,066	\$ 1,657,440	\$ 4,599,609	\$ 5,008,506	\$ 0.2094
\$ (17,298,630)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (17,298,630)	\$ 0	\$ 0	\$ (17,298,630)	\$ 0
\$ (1,071,252)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (1,071,252)	\$ 0	\$ 0	\$ (1,071,252)	\$ 0
\$ (829,934)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (829,934)	\$ 0	\$ 0	\$ (829,934)	\$ 0
\$ (9,995,392)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (9,995,392)	\$ 0	\$ 0	\$ (9,995,392)	\$ 0
\$ (15,881,346)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (15,881,346)	\$ 0	\$ 0	\$ (15,881,346)	\$ 0
\$ 1,337,174	\$ 0	\$ 0	\$ 1,337,174	\$ 0	\$ (1,337,174)	\$ 0	\$ 0	\$ (1,337,174)	\$ 0	\$ (1.0376)
\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Total	\$ 72,000,000	\$ 43,962,475	\$ 17,039,027	\$ 17,039,027	\$ (0)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

March 01, 2010 TAC Rates

Based on Filed Annual TRR/TRBA and Load Data

STEP 4: For Information Only -- Projected annual net benefits/burdens from Access Charge for New Facilities and Total projected annual net benefits/burdens from Access Charge.

	Filed Annual TRR New HV Facilities (\$) [41] = [2]	ISO Wide Annual Gross Load (MWh) [42] = [3]	New HVTRR Rate (\$/MWh) [43] = ([15]) / [16]	New HVTRR Cost Responsibility (\$) [44] = ([42]) * [43]	NHVF Access Charge (Benefit)/Burden (\$) [45] = ([44]) - [41]	Total Access Charge (Benefit)/Burden (\$) [46] = ([45]) + [39]
PGE	\$ 209,625,978	90,326,715	\$ 2.4887	\$ 224,792,926	\$ 15,166,948	\$ 35,200,972
SCE	\$ 222,608,302	89,286,280	\$ 2.4887	\$ 222,203,632	\$ (404,670)	\$ 19,629,354
SDGE	\$ 58,598,134	21,965,835	\$ 2.4887	\$ 54,665,603	\$ (3,932,531)	\$ 1,075,975
Anaheim	\$ -	2,766,313	\$ 2.4887	\$ 6,884,426	\$ 6,884,426	\$ (10,414,204)
Azusa	\$ -	239,575	\$ 2.4887	\$ 596,222	\$ 596,222	\$ (475,030)
Banning	\$ -	139,457	\$ 2.4887	\$ 347,062	\$ 347,062	\$ (482,872)
Pasadena	\$ -	1,295,096	\$ 2.4887	\$ 3,223,060	\$ 3,223,060	\$ (6,772,332)
Riverside	\$ -	2,201,147	\$ 2.4887	\$ 5,477,917	\$ 5,477,917	\$ (10,403,428)
Vernon	\$ -	1,288,684	\$ 2.4887	\$ 3,207,103	\$ 3,207,103	\$ 3,207,103
Atlantic P15	\$ 30,565,537	0	\$ 2.4887	\$ 0	\$ (30,565,537)	\$ (30,565,537)
Total	\$ 521,397,951	209,509,102		\$ 521,397,951	\$ 0	\$ 0

ATTACHMENT C

June 01, 2010 TAC Rates

Based on Filed Annual TRR/TRBA and Load Data

Based on FERC Order on SCE's Offer of Settlement (Docket Nos. ER09-1534 and ER11-2405)

TAC Components:

	Filed Annual TRR Existing HV Facilities (\$) [1]	Filed Annual TRR New HV Facilities (\$) [2]	Filed Annual Gross Load (MWh) [3]	TAC Area [4]	Total Filed TRR (\$) [5] =[1]+[2]	EHVF only Utility Specific Rate (\$/MWh) [6] =[1]/[3]	EHVF only TAC Area Rate (\$/MWh) [7] =[21]	HV Utility Specific Rate (\$/MWh) [8] =[5]/[3]	TAC Area Rate (\$/MWh) [9] =[19]
PGE	\$ 160,324,704	\$ 209,625,978	90,326,715	N	\$ 369,950,682	\$ 1.7749	\$ 2.3030	\$ 4.0957	\$ 4.8536
SCE	\$ 210,001,759	\$ 230,162,302	89,286,280	EC	\$ 440,164,061	\$ 2.3520	\$ 2.3030	\$ 4.9298	\$ 4.8536
SDGE	\$ 50,179,426	\$ 58,598,134	21,965,835	S	\$ 108,777,560	\$ 2.2844	\$ 2.3030	\$ 4.9521	\$ 4.8536
Anaheim	\$ 23,669,575	\$ -	2,766,313	EC	\$ 23,669,575	\$ 8.5564	\$ 2.3030	\$ 8.5564	\$ 4.8536
Azusa	\$ 1,623,004	\$ -	239,575	EC	\$ 1,623,004	\$ 6.7745	\$ 2.3030	\$ 6.7745	\$ 4.8536
Banning	\$ 1,151,110	\$ -	139,457	EC	\$ 1,151,110	\$ 8.2542	\$ 2.3030	\$ 8.2542	\$ 4.8536
Pasadena	\$ 12,978,057	\$ -	1,295,096	EC	\$ 12,978,057	\$ 10.0209	\$ 2.3030	\$ 10.0209	\$ 4.8536
Riverside	\$ 20,950,688	\$ -	2,201,147	EC	\$ 20,950,688	\$ 9.5181	\$ 2.3030	\$ 9.5181	\$ 4.8536
Vernon	\$ 1,630,724	\$ -	1,288,684	EC	\$ 1,630,724	\$ 1.2654	\$ 2.3030	\$ 1.2654	\$ 4.8536
Atlantic P15	\$ -	\$ 30,565,537	-	N	\$ 30,565,537	\$ -	\$ -	\$ -	\$ 4.8536
Startrans	\$ 5,421,188	\$ -	-	EC	\$ 5,421,188	\$ -	\$ 2.3030	\$ -	\$ 4.8536
ISO Total	\$ 487,930,235	\$ 528,951,951	209,509,102		\$ 1,016,882,186				

STEP 1: Calculate the Access Charge Rate for each TAC Area.

TAC-Area portion is the percent of Total TRR in each area which has not yet transitioned to the ISO (0%) divided by the Total Load of each area.

The ISO portion is the percent of all TRR which has transitioned to ISO-Wide (100%), plus the TRR of New HV Facilities, divided by total load.

	Annual TRR Existing HV Facilities (\$) [10] =[1]	Annual TAC Area TRR (\$) [11] =[10] x 0%	Annual TAC Area TRR (w/Load) (\$) [11B] =[10] w/Load x 0%	Annual Gross Load (MWh) [12] =[3]	TAC Area Rate (\$/MWh) [13] =[11]/[12]	TAC Area Rate (TRR w/Load) (\$/MWh) [13B] =[11B]/[12]																							
North	\$ 160,324,704	\$ -	\$ -	90,326,715	\$ -	\$ -	<table border="1"> <thead> <tr> <th></th> <th>TAC Rate (TAC Area + ISO Wide) (\$/MWh) [19] =[13]+[17]</th> <th>Wheeling Rate (TAC Area + ISO Wide) (\$/MWh) [20] =[19]</th> <th>Existing HV Facilities (EHVF) only TAC Rate (\$/MWh) [21] =[13B]+[18]</th> <th>New HV Facilities (NHVF) only TAC Rate (\$/MWh) [22] =[15]/[16]</th> </tr> </thead> <tbody> <tr> <td>North</td> <td>\$ 4.8536</td> <td>\$ 4.8536</td> <td>\$ 2.3030</td> <td>\$ 2.5247</td> </tr> <tr> <td>East/Central</td> <td>\$ 4.8536</td> <td>\$ 4.8536</td> <td>\$ 2.3030</td> <td>\$ 2.5247</td> </tr> <tr> <td>South</td> <td>\$ 4.8536</td> <td>\$ 4.8536</td> <td>\$ 2.3030</td> <td>\$ 2.5247</td> </tr> </tbody> </table>		TAC Rate (TAC Area + ISO Wide) (\$/MWh) [19] =[13]+[17]	Wheeling Rate (TAC Area + ISO Wide) (\$/MWh) [20] =[19]	Existing HV Facilities (EHVF) only TAC Rate (\$/MWh) [21] =[13B]+[18]	New HV Facilities (NHVF) only TAC Rate (\$/MWh) [22] =[15]/[16]	North	\$ 4.8536	\$ 4.8536	\$ 2.3030	\$ 2.5247	East/Central	\$ 4.8536	\$ 4.8536	\$ 2.3030	\$ 2.5247	South	\$ 4.8536	\$ 4.8536	\$ 2.3030	\$ 2.5247		
	TAC Rate (TAC Area + ISO Wide) (\$/MWh) [19] =[13]+[17]	Wheeling Rate (TAC Area + ISO Wide) (\$/MWh) [20] =[19]	Existing HV Facilities (EHVF) only TAC Rate (\$/MWh) [21] =[13B]+[18]	New HV Facilities (NHVF) only TAC Rate (\$/MWh) [22] =[15]/[16]																									
North	\$ 4.8536	\$ 4.8536	\$ 2.3030	\$ 2.5247																									
East/Central	\$ 4.8536	\$ 4.8536	\$ 2.3030	\$ 2.5247																									
South	\$ 4.8536	\$ 4.8536	\$ 2.3030	\$ 2.5247																									
East/C	\$ 277,426,105	\$ -	\$ -	97,216,552	\$ -	\$ -																							
South	\$ 50,179,426	\$ -	\$ -	21,965,835	\$ -	\$ -																							
Total	\$ 487,930,235	\$ -	\$ -	209,509,102																									
	ISO Wide TRR Existing HV Facilities (\$) [14] Total ([10]) x 100%	ISO Wide TRR EHVF w/Load (\$) [14B] Total ([10] w/Load) x 100%	ISO Wide TRR New HV Facilities (\$) [15] = Total [2]	ISO Wide Annual Gross Load (MWh) [16] = Total [3]	ISO Wide Rate (\$/MWh) [17] =[14]+[15]/[16]	EHVF ISO-Wide Rate TRR w/Load only (\$/MWh) [18] =[14B]/[16]																							
ISO-wide	\$ 487,930,235	\$ 482,509,047	\$ 528,951,951	209,509,102	\$ 4.8536	\$ 2.3030																							

June 01, 2010 TAC Rates

Based on Filed Annual TRR/TRBA and Load Data

STEP 2: Calculate the HV Access Charge the UDC/MSS pays on Filed Gross Load and Benefit/Burden. Note: ISO total for (Benefit)/Burden may not equal zero due to rounding of TAC Rate.

TAC Area	Filed Gross Load (MWH)	EHVF only TAC Rate (\$/MWH)	Amount Paid Based on Filed Gross Load (\$)	EHVF only Utility Specific Rate (\$/MWH)	Would Have Paid w/ EHVF Utility Specific Rate (\$)	EHVF Access Charge (Benefit)/Burden (\$)
[23] = [4]	[24] = [3]	[25] = [7]	[26] = [24] x [25]	[27] = [6]	[28] = [24] x [27]	[29] = [26] - [28]
PGE N	90,326,715	\$ 2.3030	\$ 208,026,557	\$ 1.7749	\$ 160,324,704	\$ 47,701,853
SCE EC	89,286,280	\$ 2.3030	\$ 205,630,388	\$ 2.3520	\$ 210,001,759	\$ (4,371,371)
SDGE S	21,965,835	\$ 2.3030	\$ 50,588,323	\$ 2.2844	\$ 50,179,426	\$ 408,897
Anaheim EC	2,766,313	\$ 2.3030	\$ 6,370,945	\$ 8.5564	\$ 23,669,575	\$ (17,298,630)
Azusa EC	239,575	\$ 2.3030	\$ 551,752	\$ 6.7745	\$ 1,623,004	\$ (1,071,252)
Banning EC	139,457	\$ 2.3030	\$ 321,176	\$ 8.2542	\$ 1,151,110	\$ (829,934)
Pasadena EC	1,295,096	\$ 2.3030	\$ 2,982,665	\$ 10.0209	\$ 12,978,057	\$ (9,995,392)
Riverside EC	2,201,147	\$ 2.3030	\$ 5,069,342	\$ 9.5181	\$ 20,950,688	\$ (15,881,346)
Vernon EC	1,288,684	\$ 2.3030	\$ 2,967,898	\$ 1.2654	\$ 1,630,724	\$ 1,337,174
Startrans EC	-	\$ 2.3030	\$ 0	\$ 0	\$ 0	\$ 0
ISO Total	209,509,102		\$ 482,509,047		\$ 482,509,047	\$ (0)

STEP 3: For Information Only -- Projected annual net benefits/burdens from Access Charge for Existing Facilities.

\$32/32/8 million cap for IOUs; munis are held harmless; IOUs pay muni cost increases in proportion to their cap relative to the total cap.

EHVF Access Charge (Benefit)/Burden (\$)	IOU Burden Annual Cap (\$)	Amount IOUs' Cap Exceeds IOUs' Burden (\$)	Amount IOU's Burden Exceeds IOU's Cap (\$)	Payments by Entities with Net Benefit (\$)	Mitigation Payments (\$)	Adjusted Net (Benefit) / Burden (\$)	Reallocation IOU Burden (\$)	Transition Charge (\$)	Adjusted Net (Benefit) / Burden (\$)	Transition Charge Rate (\$/MWh)
[30] = [29]	[31]	[32] IF ([31] - [30] > 0) = [31] - [30]. If no cap, then 0.	[33] IF [30] - [31] > 0 = [30] - [31]. If no cap, then 0.	[34] IOUs = ([32] / total[32]) x total[33]. Munis w/ Benefit = ([30] / total[30]) x total[33] - total[32]	[35] = [34] - [33]	[36] = [30] + [35]	[37] Reallocate IOU Burden [39] so it is proportional to IOU Cap [31] = [39] - [36]	[38] = [35] + [37]	[39] = [36] + [37]	[40] = [38] / [24]
\$ 47,701,853	\$ 32,000,000	\$ 0	\$ 15,701,852.9855	\$ 0	\$ (15,701,853)	\$ 32,000,000	\$ (11,965,977)	\$ (27,667,830)	\$ 20,034,023	\$ (0.3063)
\$ (4,371,371)	\$ 32,000,000	\$ 36,371,371	\$ 0	\$ 14,096,859	\$ 14,096,859	\$ 9,725,487	\$ 10,308,536	\$ 24,405,395	\$ 20,034,023	\$ 0.2733
\$ 408,897	\$ 8,000,000	\$ 7,591,103	\$ 0	\$ 2,942,169	\$ 2,942,169	\$ 3,351,066	\$ 1,657,440	\$ 4,599,609	\$ 5,008,506	\$ 0.2094
\$ (17,298,630)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (17,298,630)	\$ 0	\$ 0	\$ (17,298,630)	\$ 0
\$ (1,071,252)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (1,071,252)	\$ 0	\$ 0	\$ (1,071,252)	\$ 0
\$ (829,934)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (829,934)	\$ 0	\$ 0	\$ (829,934)	\$ 0
\$ (9,995,392)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (9,995,392)	\$ 0	\$ 0	\$ (9,995,392)	\$ 0
\$ (15,881,346)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (15,881,346)	\$ 0	\$ 0	\$ (15,881,346)	\$ 0
\$ 1,337,174	\$ 0	\$ 0	\$ 1,337,174	\$ 0	\$ (1,337,174)	\$ 0	\$ 0	\$ (1,337,174)	\$ 0	\$ (1.0376)
\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Total	\$ 72,000,000	\$ 43,962,475	\$ 17,039,027	\$ 17,039,027	\$ (0)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

June 01, 2010 TAC Rates

Based on Filed Annual TRR/TRBA and Load Data

STEP 4: For Information Only -- Projected annual net benefits/burdens from Access Charge for New Facilities and Total projected annual net benefits/burdens from Access Charge.

	Filed Annual TRR New HV Facilities (\$) [41] = [2]	ISO Wide Annual Gross Load (MWh) [42] = [3]	New HVTRR Rate (\$/MWh) [43] = ([15]) / [16]	New HVTRR Cost Responsibility (\$) [44] = ([42]) * [43]	NHVF Access Charge (Benefit)/Burden (\$) [45] = ([44]) - [41]	Total Access Charge (Benefit)/Burden (\$) [46] = ([45]) + [39]
PGE	\$ 209,625,978	90,326,715	\$ 2.5247	\$ 228,049,720	\$ 18,423,742	\$ 38,457,766
SCE	\$ 230,162,302	89,286,280	\$ 2.5247	\$ 225,422,913	\$ (4,739,389)	\$ 15,294,634
SDGE	\$ 58,598,134	21,965,835	\$ 2.5247	\$ 55,457,597	\$ (3,140,537)	\$ 1,867,969
Anaheim	\$ -	2,766,313	\$ 2.5247	\$ 6,984,167	\$ 6,984,167	\$ (10,314,462)
Azusa	\$ -	239,575	\$ 2.5247	\$ 604,860	\$ 604,860	\$ (466,392)
Banning	\$ -	139,457	\$ 2.5247	\$ 352,090	\$ 352,090	\$ (477,844)
Pasadena	\$ -	1,295,096	\$ 2.5247	\$ 3,269,756	\$ 3,269,756	\$ (6,725,636)
Riverside	\$ -	2,201,147	\$ 2.5247	\$ 5,557,281	\$ 5,557,281	\$ (10,324,065)
Vernon	\$ -	1,288,684	\$ 2.5247	\$ 3,253,567	\$ 3,253,567	\$ 3,253,567
Atlantic P15	\$ 30,565,537	0	\$ 2.5247	\$ 0	\$ (30,565,537)	\$ (30,565,537)
Total	\$ 528,951,951	209,509,102		\$ 528,951,951	\$ 0	\$ 0

ATTACHMENT D

September 01, 2010 TAC Rates

Based on Filed Annual TRR/TRBA and Load Data

Based on FERC Order on SDG&E's T03 Cycle 4 Refund Report Filing (Docket No. ER10-2235)

TAC Components:

	Filed Annual TRR Existing HV Facilities (\$) [1]	Filed Annual TRR New HV Facilities (\$) [2]	Filed Annual Gross Load (MWH) [3]	TAC Area [4]	Total Filed TRR (\$) [5] =[1]+[2]	EHVF only Utility Specific Rate (\$/MWH) [6] =[1]/[3]	EHVF only TAC Area Rate (\$/MWH) [7] =[2]+[1]	HV Utility Specific Rate (\$/MWH) [8] =[5]/[3]	TAC Area Rate (\$/MWH) [9] =[19]
PGE	\$ 160,324,704	\$ 209,625,978	90,326,715	N	\$ 369,950,682	\$ 1.7749	\$ 2.3350	\$ 4.0957	\$ 4.9563
SCE	\$ 210,001,759	\$ 230,162,302	89,286,280	EC	\$ 440,164,061	\$ 2.3520	\$ 2.3350	\$ 4.9298	\$ 4.9563
SDGE	\$ 55,142,843	\$ 71,470,907	21,226,578	S	\$ 126,613,750	\$ 2.5978	\$ 2.3350	\$ 5.9649	\$ 4.9563
Anaheim	\$ 23,669,575	\$ -	2,766,313	EC	\$ 23,669,575	\$ 8.5564	\$ 2.3350	\$ 8.5564	\$ 4.9563
Azusa	\$ 1,623,004	\$ -	239,575	EC	\$ 1,623,004	\$ 6.7745	\$ 2.3350	\$ 6.7745	\$ 4.9563
Banning	\$ 1,151,110	\$ -	139,457	EC	\$ 1,151,110	\$ 8.2542	\$ 2.3350	\$ 8.2542	\$ 4.9563
Pasadena	\$ 12,978,057	\$ -	1,295,096	EC	\$ 12,978,057	\$ 10.0209	\$ 2.3350	\$ 10.0209	\$ 4.9563
Riverside	\$ 20,950,688	\$ -	2,201,147	EC	\$ 20,950,688	\$ 9.5181	\$ 2.3350	\$ 9.5181	\$ 4.9563
Vernon	\$ 1,630,724	\$ -	1,288,684	EC	\$ 1,630,724	\$ 1.2654	\$ 2.3350	\$ 1.2654	\$ 4.9563
Atlantic P15	\$ -	\$ 30,565,537	-	N	\$ 30,565,537	\$ -	\$ -	\$ -	\$ 4.9563
Startrans	\$ 5,421,188	\$ -	-	EC	\$ 5,421,188	\$ -	\$ 2.3350	\$ -	\$ 4.9563
ISO Total	\$ 492,893,652	\$ 541,824,724	208,769,845		\$ 1,034,718,376				

STEP 1: Calculate the Access Charge Rate for each TAC Area.

TAC-Area portion is the percent of Total TRR in each area which has not yet transitioned to the ISO (0%) divided by the Total Load of each area.

The ISO portion is the percent of all TRR which has transitioned to ISO-Wide (100%), plus the TRR of New HV Facilities, divided by total load.

	Annual TRR Existing HV Facilities (\$) [10] =[1]	Annual TAC Area TRR (\$) [11] =[10] x 0%	Annual TAC Area TRR (w/Load) (\$) [11B] =[10] w/Load x 0%	Annual Gross Load (MWH) [12] =[3]	TAC Area Rate (\$/MWH) [13] =[11]/[12]	TAC Area Rate (TRR w/Load) (\$/MWH) [13B] =[11B]/[12]			Existing HV Facilities (EHVF) only TAC Rate (\$/MWH) [21] =[13B]+[18]	New HV Facilities (NHVF) only TAC Rate (\$/MWH) [22] =[15]/[16]															
North	\$ 160,324,704	\$ -	\$ -	90,326,715	\$ -	\$ -	<table border="1"> <tr> <td>TAC Rate (TAC Area + ISO Wide) (\$/MWH) [19] =[13]+[17]</td> <td>Wheeling Rate (TAC Area + ISO Wide) (\$/MWH) [20] =[19]</td> <td>Existing HV Facilities (EHVF) only TAC Rate (\$/MWH) [21] =[13B]+[18]</td> <td>New HV Facilities (NHVF) only TAC Rate (\$/MWH) [22] =[15]/[16]</td> </tr> <tr> <td>North</td> <td>\$ 4.9563</td> <td>\$ 2.3350</td> <td>\$ 2.5953</td> </tr> <tr> <td>East/Central</td> <td>\$ 4.9563</td> <td>\$ 2.3350</td> <td>\$ 2.5953</td> </tr> <tr> <td>South</td> <td>\$ 4.9563</td> <td>\$ 2.3350</td> <td>\$ 2.5953</td> </tr> </table>	TAC Rate (TAC Area + ISO Wide) (\$/MWH) [19] =[13]+[17]	Wheeling Rate (TAC Area + ISO Wide) (\$/MWH) [20] =[19]	Existing HV Facilities (EHVF) only TAC Rate (\$/MWH) [21] =[13B]+[18]	New HV Facilities (NHVF) only TAC Rate (\$/MWH) [22] =[15]/[16]	North	\$ 4.9563	\$ 2.3350	\$ 2.5953	East/Central	\$ 4.9563	\$ 2.3350	\$ 2.5953	South	\$ 4.9563	\$ 2.3350	\$ 2.5953		
TAC Rate (TAC Area + ISO Wide) (\$/MWH) [19] =[13]+[17]	Wheeling Rate (TAC Area + ISO Wide) (\$/MWH) [20] =[19]	Existing HV Facilities (EHVF) only TAC Rate (\$/MWH) [21] =[13B]+[18]	New HV Facilities (NHVF) only TAC Rate (\$/MWH) [22] =[15]/[16]																						
North	\$ 4.9563	\$ 2.3350	\$ 2.5953																						
East/Central	\$ 4.9563	\$ 2.3350	\$ 2.5953																						
South	\$ 4.9563	\$ 2.3350	\$ 2.5953																						
East/C	\$ 277,426,105	\$ -	\$ -	97,216,552	\$ -	\$ -																			
South	\$ 55,142,843	\$ -	\$ -	21,226,578	\$ -	\$ -																			
Total	\$ 492,893,652	\$ -	\$ -	208,769,845	\$ -	\$ -																			
	ISO Wide TRR Existing HV Facilities (\$) [14] Total ([10]) x 100%	ISO Wide TRR EHVF w/Load (\$) [14B] Total ([10] w/Load) x 100%	ISO Wide TRR New HV Facilities (\$) [15] = Total [2]	ISO Wide Annual Gross Load (MWH) [16] = Total [3]	ISO Wide Rate (\$/MWH) [17] =[14]+[15]/[16]	EHVF ISO-Wide Rate TRR w/Load only (\$/MWH) [18] =[14B]/[16]																			
ISO-wide	\$ 492,893,652	\$ 487,472,464	\$ 541,824,724	208,769,845	\$ 4.9563	\$ 2.3350																			

September 01, 2010 TAC Rates

Based on Filed Annual TRR/TRBA and Load Data

STEP 2: Calculate the HV Access Charge the UDC/MSS pays on Filed Gross Load and Benefit/Burden. Note: ISO total for (Benefit)/Burden may not equal zero due to rounding of TAC Rate.

TAC Area	Filed Gross Load (MWH)	EHVF only TAC Rate (\$/MWH)	Amount Paid Based on Filed Gross Load (\$)	EHVF only Utility Specific Rate (\$/MWH)	Would Have Paid w/ EHVF Utility Specific Rate (\$)	EHVF Access Charge (Benefit)/Burden (\$)
[23] = [4]	[24] = [3]	[25] = [7]	[26] = [24] x [25]	[27] = [6]	[28] = [24] x [27]	[29] = [26] - [28]
PGE N	90,326,715	\$ 2.3350	\$ 210,910,662	\$ 1.7749	\$ 160,324,704	\$ 50,585,958
SCE EC	89,286,280	\$ 2.3350	\$ 208,481,272	\$ 2.3520	\$ 210,001,759	\$ (1,520,487)
SDGE S	21,226,578	\$ 2.3350	\$ 49,563,539	\$ 2.5978	\$ 55,142,843	\$ (5,579,304)
Anaheim EC	2,766,313	\$ 2.3350	\$ 6,459,273	\$ 8.5564	\$ 23,669,575	\$ (17,210,302)
Azusa EC	239,575	\$ 2.3350	\$ 559,402	\$ 6.7745	\$ 1,623,004	\$ (1,063,602)
Banning EC	139,457	\$ 2.3350	\$ 325,629	\$ 8.2542	\$ 1,151,110	\$ (825,481)
Pasadena EC	1,295,096	\$ 2.3350	\$ 3,024,017	\$ 10.0209	\$ 12,978,057	\$ (9,954,040)
Riverside EC	2,201,147	\$ 2.3350	\$ 5,139,624	\$ 9.5181	\$ 20,950,688	\$ (15,811,064)
Vernon EC	1,288,684	\$ 2.3350	\$ 3,009,046	\$ 1.2654	\$ 1,630,724	\$ 1,378,322
Startrans EC	-	\$ 2.3350	\$ 0	\$ 0	\$ 0	\$ 0
ISO Total	208,769,845		\$ 487,472,464		\$ 487,472,464	\$ (0)

STEP 3: For Information Only -- Projected annual net benefits/burdens from Access Charge for Existing Facilities.

\$32/32/8 million cap for IOUs; munis are held harmless; IOUs pay muni cost increases in proportion to their cap relative to the total cap.

EHVF Access Charge (Benefit)/Burden (\$)	IOU Burden Annual Cap (\$)	Amount IOUs' Cap Exceeds IOUs' Burden (\$)	Amount IOU's Burden Exceeds IOU's Cap (\$)	Payments by Entities with Net Benefit (\$)	Mitigation Payments (\$)	Adjusted Net (Benefit) / Burden (\$)	Reallocation IOU Burden (\$)	Transition Charge (\$)	Adjusted Net (Benefit) / Burden (\$)	Transition Charge Rate (\$/MWh)
[30] = [29]	[31]	[32] IF ([31] - [30] > 0) = [31] - [30]. If no cap, then 0.	[33] IF [30] - [31] > 0 = [30] - [31]. If no cap, then 0.	[34] IOUs = ([32] / total[32]) x total[33]. Munis w/ Benefit = ([30] / total[30]) x total[33] - total[32]	[35] = [34] - [33]	[36] = [30] + [35]	[37] Reallocate IOU Burden [39] so it is proportional to IOU Cap [31] = [39] - [36]	[38] = [35] + [37]	[39] = [36] + [37]	[40] = [38] / [24]
\$ 50,585,958	\$ 32,000,000	\$ 0	\$ 18,585,958.4042	\$ 0	\$ (18,585,958)	\$ 32,000,000	\$ (12,060,227)	\$ (30,646,186)	\$ 19,939,773	\$ (0.3393)
\$ (1,520,487)	\$ 32,000,000	\$ 33,520,487	\$ 0	\$ 14,208,394	\$ 14,208,394	\$ 12,687,907	\$ 7,251,866	\$ 21,460,260	\$ 19,939,773	\$ 0.2404
\$ (5,579,304)	\$ 8,000,000	\$ 13,579,304	\$ 0	\$ 5,755,886	\$ 5,755,886	\$ 176,582	\$ 4,808,361	\$ 10,564,248	\$ 4,984,943	\$ 0.4977
\$ (17,210,302)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (17,210,302)	\$ 0	\$ 0	\$ (17,210,302)	\$ 0
\$ (1,063,602)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (1,063,602)	\$ 0	\$ 0	\$ (1,063,602)	\$ 0
\$ (825,481)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (825,481)	\$ 0	\$ 0	\$ (825,481)	\$ 0
\$ (9,954,040)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (9,954,040)	\$ 0	\$ 0	\$ (9,954,040)	\$ 0
\$ (15,811,064)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (15,811,064)	\$ 0	\$ 0	\$ (15,811,064)	\$ 0
\$ 1,378,322	\$ 0	\$ 0	\$ 1,378,322	\$ 0	\$ (1,378,322)	\$ 0	\$ 0	\$ (1,378,322)	\$ 0	\$ (1.0696)
\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Total	\$ 72,000,000	\$ 47,099,791	\$ 19,964,280	\$ 19,964,280	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

September 01, 2010 TAC Rates

Based on Filed Annual TRR/TRBA and Load Data

STEP 4: For Information Only -- Projected annual net benefits/burdens from Access Charge for New Facilities and Total projected annual net benefits/burdens from Access Charge.

	Filed Annual TRR New HV Facilities (\$) [41] = [2]	ISO Wide Annual Gross Load (MWh) [42] = [3]	New HVTRR Rate (\$/MWh) [43] = ([15]) / [16]	New HVTRR Cost Responsibility (\$) [44] = ([42]) * [43]	NHVF Access Charge (Benefit)/Burden (\$) [45] = ([44]) - [41]	Total Access Charge (Benefit)/Burden (\$) [46] = ([45]) + [39]
PGE	\$ 209,625,978	90,326,715	\$ 2.5953	\$ 234,426,803	\$ 24,800,825	\$ 44,740,598
SCE	\$ 230,162,302	89,286,280	\$ 2.5953	\$ 231,726,541	\$ 1,564,239	\$ 21,504,012
SDGE	\$ 71,470,907	21,226,578	\$ 2.5953	\$ 55,089,780	\$ (16,381,127)	\$ (11,396,184)
Anaheim	\$ -	2,766,313	\$ 2.5953	\$ 7,179,470	\$ 7,179,470	\$ (10,030,832)
Azusa	\$ -	239,575	\$ 2.5953	\$ 621,774	\$ 621,774	\$ (441,828)
Banning	\$ -	139,457	\$ 2.5953	\$ 361,936	\$ 361,936	\$ (463,545)
Pasadena	\$ -	1,295,096	\$ 2.5953	\$ 3,361,190	\$ 3,361,190	\$ (6,592,850)
Riverside	\$ -	2,201,147	\$ 2.5953	\$ 5,712,683	\$ 5,712,683	\$ (10,098,381)
Vernon	\$ -	1,288,684	\$ 2.5953	\$ 3,344,548	\$ 3,344,548	\$ 3,344,548
Atlantic P15	\$ 30,565,537	0	\$ 2.5953	\$ 0	\$ (30,565,537)	\$ (30,565,537)
Total	\$ 541,824,724	208,769,845		\$ 541,824,724	\$ 0	\$ 0

ATTACHMENT E

November 23, 2010 TAC Rates

Based on Filed Annual TRR/TRBA and Load Data

Based on FERC Order on Trans Bay Cable's Offer of Settlement (Docket Nos. ER10-116 and ER11 3262)

TAC Components:

	Filed Annual TRR Existing HV Facilities (\$) [1]	Filed Annual TRR New HV Facilities (\$) [2]	Filed Annual Gross Load (MWh) [3]	TAC Area [4]	Total Filed TRR (\$) [5] =[1] + [2]	EHV only Utility Specific Rate (\$/MWh) [6] =[1] / [3]	EHV only TAC Area Rate (\$/MWh) [7] =[21]	HV Utility Specific Rate (\$/MWh) [8] =[5] / [3]	TAC Area Rate (\$/MWh) [9] =[19]
PGE	\$ 160,324,704	\$ 209,625,978	90,326,715	N	\$ 369,950,682	\$ 1.7749	\$ 2.3350	\$ 4.0957	\$ 5.5459
SCE	\$ 210,001,759	\$ 230,162,302	89,286,280	EC	\$ 440,164,061	\$ 2.3520	\$ 2.3350	\$ 4.9298	\$ 5.5459
SDGE	\$ 55,142,843	\$ 71,470,907	21,226,578	S	\$ 126,613,750	\$ 2.5978	\$ 2.3350	\$ 5.9649	\$ 5.5459
Anaheim	\$ 23,669,575	\$ -	2,766,313	EC	\$ 23,669,575	\$ 8.5564	\$ 2.3350	\$ 8.5564	\$ 5.5459
Azusa	\$ 1,623,004	\$ -	239,575	EC	\$ 1,623,004	\$ 6.7745	\$ 2.3350	\$ 6.7745	\$ 5.5459
Banning	\$ 1,151,110	\$ -	139,457	EC	\$ 1,151,110	\$ 8.2542	\$ 2.3350	\$ 8.2542	\$ 5.5459
Pasadena	\$ 12,978,057	\$ -	1,295,096	EC	\$ 12,978,057	\$ 10.0209	\$ 2.3350	\$ 10.0209	\$ 5.5459
Riverside	\$ 20,950,688	\$ -	2,201,147	EC	\$ 20,950,688	\$ 9.5181	\$ 2.3350	\$ 9.5181	\$ 5.5459
Vernon	\$ 1,630,724	\$ -	1,288,684	EC	\$ 1,630,724	\$ 1.2654	\$ 2.3350	\$ 1.2654	\$ 5.5459
Atlantic P15	\$ -	\$ 30,565,537	-	N	\$ 30,565,537	\$ -	\$ -	\$ -	\$ 5.5459
Startrans	\$ 5,421,188	\$ -	-	EC	\$ 5,421,188	\$ -	\$ 2.3350	\$ -	\$ 5.5459
Trans Bay	\$ -	\$ 123,092,500	-	N	\$ 123,092,500	\$ -	\$ -	\$ -	\$ 5.5459
ISO Total	\$ 492,893,652	\$ 664,917,224	208,769,845		\$ 1,157,810,876				

STEP 1: Calculate the Access Charge Rate for each TAC Area.

TAC-Area portion is the percent of Total TRR in each area which has not yet transitioned to the ISO (0%) divided by the Total Load of each area.

The ISO portion is the percent of all TRR which has transitioned to ISO-Wide (100%), plus the TRR of New HV Facilities, divided by total load.

	Annual TRR Existing HV Facilities (\$) [10] =[1]	Annual TAC Area TRR (\$) [11] =[10] x 0%	Annual TAC Area TRR (w/Load) (\$) [11B] =[10] w/Load x 0%	Annual Gross Load (MWh) [12] =[3]	TAC Area Rate (\$/MWh) [13] =[11] / [12]	TAC Area Rate (TRR w/Load) (\$/MWh) [13B] =[11B] / [12]																							
North	\$ 160,324,704	\$ -	\$ -	90,326,715	\$ -	\$ -	<table border="1"> <thead> <tr> <th></th> <th>TAC Rate (TAC Area + ISO Wide) (\$/MWh) [19] =[13] + [17]</th> <th>Wheeling Rate (TAC Area + ISO Wide) (\$/MWh) [20] =[19]</th> <th>Existing HV Facilities (EHVF) only TAC Rate (\$/MWh) [21] =[13B] + [18]</th> <th>New HV Facilities (NHVF) only TAC Rate (\$/MWh) [22] =[15] / [16]</th> </tr> </thead> <tbody> <tr> <td>North</td> <td>\$ 5.5459</td> <td>\$ 5.5459</td> <td>\$ 2.3350</td> <td>\$ 3.1849</td> </tr> <tr> <td>East/Central</td> <td>\$ 5.5459</td> <td>\$ 5.5459</td> <td>\$ 2.3350</td> <td>\$ 3.1849</td> </tr> <tr> <td>South</td> <td>\$ 5.5459</td> <td>\$ 5.5459</td> <td>\$ 2.3350</td> <td>\$ 3.1849</td> </tr> </tbody> </table>		TAC Rate (TAC Area + ISO Wide) (\$/MWh) [19] =[13] + [17]	Wheeling Rate (TAC Area + ISO Wide) (\$/MWh) [20] =[19]	Existing HV Facilities (EHVF) only TAC Rate (\$/MWh) [21] =[13B] + [18]	New HV Facilities (NHVF) only TAC Rate (\$/MWh) [22] =[15] / [16]	North	\$ 5.5459	\$ 5.5459	\$ 2.3350	\$ 3.1849	East/Central	\$ 5.5459	\$ 5.5459	\$ 2.3350	\$ 3.1849	South	\$ 5.5459	\$ 5.5459	\$ 2.3350	\$ 3.1849		
	TAC Rate (TAC Area + ISO Wide) (\$/MWh) [19] =[13] + [17]	Wheeling Rate (TAC Area + ISO Wide) (\$/MWh) [20] =[19]	Existing HV Facilities (EHVF) only TAC Rate (\$/MWh) [21] =[13B] + [18]	New HV Facilities (NHVF) only TAC Rate (\$/MWh) [22] =[15] / [16]																									
North	\$ 5.5459	\$ 5.5459	\$ 2.3350	\$ 3.1849																									
East/Central	\$ 5.5459	\$ 5.5459	\$ 2.3350	\$ 3.1849																									
South	\$ 5.5459	\$ 5.5459	\$ 2.3350	\$ 3.1849																									
East/C	\$ 277,426,105	\$ -	\$ -	97,216,552	\$ -	\$ -																							
South	\$ 55,142,843	\$ -	\$ -	21,226,578	\$ -	\$ -																							
Total	\$ 492,893,652	\$ -	\$ -	208,769,845																									

	ISO Wide TRR Existing HV Facilities (\$) [14] Total ([10]) x 100%	ISO Wide TRR EHV w/Load (\$) [14B] Total ([10] w/Load) x 100%	ISO Wide TRR New HV Facilities (\$) [15] = Total [2]	ISO Wide Annual Gross Load (MWh) [16] = Total [3]	ISO Wide Rate (\$/MWh) [17] =[14] + [15] / [16]	EHVF ISO-Wide Rate TRR w/Load only (\$/MWh) [18] =[14B] / [16]
ISO-wide	\$ 492,893,652	\$ 487,472,464	\$ 664,917,224	208,769,845	\$ 5.5459	\$ 2.3350

November 23, 2010 TAC Rates

Based on Filed Annual TRR/TRBA and Load Data

STEP 2: Calculate the HV Access Charge the UDC/MSS pays on Filed Gross Load and Benefit/Burden. Note: ISO total for (Benefit)/Burden may not equal zero due to rounding of TAC Rate.

TAC Area	Filed Gross Load (MWH)	EHVF only TAC Rate (\$/MWH)	Amount Paid Based on Filed Gross Load (\$)	EHVF only Utility Specific Rate (\$/MWH)	Would Have Paid w/ EHVF Utility Specific Rate (\$)	EHVF Access Charge (Benefit)/Burden (\$)
[23] = [4]	[24] = [3]	[25] = [7]	[26] = [24] x [25]	[27] = [6]	[28] = [24] x [27]	[29] = [26] - [28]
PGE N	90,326,715	\$ 2.3350	\$ 210,910,662	\$ 1.7749	\$ 160,324,704	\$ 50,585,958
SCE EC	89,286,280	\$ 2.3350	\$ 208,481,272	\$ 2.3520	\$ 210,001,759	\$ (1,520,487)
SDGE S	21,226,578	\$ 2.3350	\$ 49,563,539	\$ 2.5978	\$ 55,142,843	\$ (5,579,304)
Anaheim EC	2,766,313	\$ 2.3350	\$ 6,459,273	\$ 8.5564	\$ 23,669,575	\$ (17,210,302)
Azusa EC	239,575	\$ 2.3350	\$ 559,402	\$ 6.7745	\$ 1,623,004	\$ (1,063,602)
Banning EC	139,457	\$ 2.3350	\$ 325,629	\$ 8.2542	\$ 1,151,110	\$ (825,481)
Pasadena EC	1,295,096	\$ 2.3350	\$ 3,024,017	\$ 10.0209	\$ 12,978,057	\$ (9,954,040)
Riverside EC	2,201,147	\$ 2.3350	\$ 5,139,624	\$ 9.5181	\$ 20,950,688	\$ (15,811,064)
Vernon EC	1,288,684	\$ 2.3350	\$ 3,009,046	\$ 1.2654	\$ 1,630,724	\$ 1,378,322
Startrans EC	-	\$ 2.3350	\$ 0	\$ 0	\$ 0	\$ 0
ISO Total	208,769,845		\$ 487,472,464		\$ 487,472,464	\$ (0)

STEP 3: For Information Only -- Projected annual net benefits/burdens from Access Charge for Existing Facilities.

\$32/32/8 million cap for IOUs; munis are held harmless; IOUs pay muni cost increases in proportion to their cap relative to the total cap.

EHVF Access Charge (Benefit)/Burden (\$)	IOU Burden Annual Cap (\$)	Amount IOUs' Cap Exceeds IOUs' Burden (\$)	Amount IOU's Burden Exceeds IOU's Cap (\$)	Payments by Entities with Net Benefit (\$)	Mitigation Payments (\$)	Adjusted Net (Benefit) / Burden (\$)	Reallocation IOU Burden (\$)	Transition Charge (\$)	Adjusted Net (Benefit) / Burden (\$)	Transition Charge Rate (\$/MWh)
[30] = [29]	[31]	[32] IF ([31] - [30] > 0) = [31] - [30]. If no cap, then 0.	[33] IF [30] - [31] > 0 = [30] - [31]. If no cap, then 0.	[34] IOUs = ([32] / total[32]) x total[33]. Munis w/ Benefit = ([30] / total[30]) x total[33] - total[32]	[35] = [34] - [33]	[36] = [30] + [35]	[37] Reallocate IOU Burden [39] so it is proportional to IOU Cap [31] = [39] - [36]	[38] = [35] + [37]	[39] = [36] + [37]	[40] = [38] / [24]
\$ 50,585,958	\$ 32,000,000	\$ 0	\$ 18,585,958.4042	\$ 0	\$ (18,585,958)	\$ 32,000,000	\$ (12,060,227)	\$ (30,646,186)	\$ 19,939,773	\$ (0.3393)
\$ (1,520,487)	\$ 32,000,000	\$ 33,520,487	\$ 0	\$ 14,208,394	\$ 14,208,394	\$ 12,687,907	\$ 7,251,866	\$ 21,460,260	\$ 19,939,773	\$ 0.2404
\$ (5,579,304)	\$ 8,000,000	\$ 13,579,304	\$ 0	\$ 5,755,886	\$ 5,755,886	\$ 176,582	\$ 4,808,361	\$ 10,564,248	\$ 4,984,943	\$ 0.4977
\$ (17,210,302)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (17,210,302)	\$ 0	\$ 0	\$ (17,210,302)	\$ 0
\$ (1,063,602)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (1,063,602)	\$ 0	\$ 0	\$ (1,063,602)	\$ 0
\$ (825,481)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (825,481)	\$ 0	\$ 0	\$ (825,481)	\$ 0
\$ (9,954,040)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (9,954,040)	\$ 0	\$ 0	\$ (9,954,040)	\$ 0
\$ (15,811,064)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (15,811,064)	\$ 0	\$ 0	\$ (15,811,064)	\$ 0
\$ 1,378,322	\$ 0	\$ 0	\$ 1,378,322	\$ 0	\$ (1,378,322)	\$ 0	\$ 0	\$ (1,378,322)	\$ 0	\$ (1.0696)
\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Total	\$ 72,000,000	\$ 47,099,791	\$ 19,964,280	\$ 19,964,280	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

November 23, 2010 TAC Rates

Based on Filed Annual TRR/TRBA and Load Data

STEP 4: For Information Only -- Projected annual net benefits/burdens from Access Charge for New Facilities and Total projected annual net benefits/burdens from Access Charge.

	Filed Annual TRR New HV Facilities (\$) [41] = [2]	ISO Wide Annual Gross Load (MWh) [42] = [3]	New HVTRR Rate (\$/MWh) [43] = ([15]) / [16]	New HVTRR Cost Responsibility (\$) [44] = ([42]) * [43]	NHVF Access Charge (Benefit)/Burden (\$) [45] = ([44]) - [41]	Total Access Charge (Benefit)/Burden (\$) [46] = ([45]) + [39]
PGE	\$ 209,625,978	90,326,715	\$ 3.1849	\$ 287,684,213	\$ 78,058,235	\$ 97,998,008
SCE	\$ 230,162,302	89,286,280	\$ 3.1849	\$ 284,370,501	\$ 54,208,199	\$ 74,147,972
SDGE	\$ 71,470,907	21,226,578	\$ 3.1849	\$ 67,605,153	\$ (3,865,754)	\$ 1,119,189
Anaheim	\$ -	2,766,313	\$ 3.1849	\$ 8,810,512	\$ 8,810,512	\$ (8,399,790)
Azusa	\$ -	239,575	\$ 3.1849	\$ 763,029	\$ 763,029	\$ (300,573)
Banning	\$ -	139,457	\$ 3.1849	\$ 444,161	\$ 444,161	\$ (381,320)
Pasadena	\$ -	1,295,096	\$ 3.1849	\$ 4,124,789	\$ 4,124,789	\$ (5,829,250)
Riverside	\$ -	2,201,147	\$ 3.1849	\$ 7,010,498	\$ 7,010,498	\$ (8,800,566)
Vernon	\$ -	1,288,684	\$ 3.1849	\$ 4,104,368	\$ 4,104,368	\$ 4,104,368
Atlantic P15	\$ 30,565,537	0	\$ 3.1849	\$ 0	\$ (30,565,537)	\$ (30,565,537)
Trans Bay	\$ 123,092,500	0	\$ 3.1849	\$ 0	\$ (123,092,500)	\$ (123,092,500)
Total	\$ 664,917,224	208,769,845		\$ 664,917,224	\$ 0	\$ 0

ATTACHMENT F



January 01, 2011 TAC Rates Based on Filed Annual TRR/TRBA and Load Data

Based on FERC Order on Trans Bay Cable's Offer of Settlement (Docket Nos. ER10-116 and ER11 3262)

TAC Components:

	Filed Annual TRR (\$) <i>[1]</i>	Filed Annual Gross Load (MWh) <i>[2]</i>	HV Utility Specific Rate (\$/MWh) <i>[3]</i> = <i>[1]</i> / <i>[2]</i>	TAC Rate (\$/MWh) <i>[4]</i> = total <i>[1]</i> / total <i>[2]</i>	TAC Amount (\$) <i>[5]</i> = (<i>[2]</i>) * <i>[4]</i>
PGE	\$ 369,986,615	90,326,715	\$ 4.0961	\$ 6.1854	\$ 558,710,655
SCE	\$ 564,793,000	89,286,280	\$ 6.3256	\$ 6.1854	\$ 552,275,104
SDGE	\$ 129,813,599	21,226,578	\$ 6.1156	\$ 6.1854	\$ 131,295,767
Anaheim	\$ 25,666,071	2,766,313	\$ 9.2781	\$ 6.1854	\$ 17,110,869
Azusa	\$ 1,633,496	239,575	\$ 6.8183	\$ 6.1854	\$ 1,481,877
Banning	\$ 1,170,807	139,457	\$ 8.3955	\$ 6.1854	\$ 862,603
Pasadena	\$ 13,168,975	1,295,096	\$ 10.1683	\$ 6.1854	\$ 8,010,741
Riverside	\$ 25,193,205	2,201,147	\$ 11.4455	\$ 6.1854	\$ 13,615,067
Vernon	\$ 1,293,589	1,288,684	\$ 1.0038	\$ 6.1854	\$ 7,971,080
Atlantic P15	\$ 30,344,754	-	-	\$ 6.1854	\$ 0
Startrans	\$ 5,177,152	-	-	\$ 6.1854	\$ 0
Trans-Bay Cable	\$ 123,092,500	-	-	\$ 6.1854	\$ 0
ISO Total	\$ 1,291,333,763	208,769,845			\$ 1,291,333,763

ATTACHMENT G



February 19, 2011 TAC Rates Based on Filed Annual TRR/TRBA and Load Data

Based on FERC Order on Trans Bay Cable's Offer of Settlement (Docket Nos. ER10-116 and ER11 3262)

TAC Components:

	Filed Annual TRR (\$) <i>[1]</i>	Filed Annual Gross Load (MWh) <i>[2]</i>	HV Utility Specific Rate (\$/MWh) <i>[3]</i> = <i>[1]</i> / <i>[2]</i>	TAC Rate (\$/MWh) <i>[4]</i> = total <i>[1]</i> / total <i>[2]</i>	TAC Amount (\$) <i>[5]</i> = (<i>[2]</i>) * <i>[4]</i>
PGE	\$ 369,986,615	90,326,715	\$ 4.0961	\$ 6.1850	\$ 558,667,389
SCE	\$ 564,793,000	89,286,280	\$ 6.3256	\$ 6.1850	\$ 552,232,337
SDGE	\$ 129,813,599	21,226,578	\$ 6.1156	\$ 6.1850	\$ 131,285,599
Anaheim	\$ 25,666,071	2,766,313	\$ 9.2781	\$ 6.1850	\$ 17,109,544
Azusa	\$ 1,633,496	239,575	\$ 6.8183	\$ 6.1850	\$ 1,481,763
Banning	\$ 1,170,807	139,457	\$ 8.3955	\$ 6.1850	\$ 862,536
Pasadena	\$ 13,168,975	1,295,096	\$ 10.1683	\$ 6.1850	\$ 8,010,121
Riverside	\$ 25,193,205	2,201,147	\$ 11.4455	\$ 6.1850	\$ 13,614,013
Vernon	\$ 1,293,589	1,288,684	\$ 1.0038	\$ 6.1850	\$ 7,970,463
Atlantic P15	\$ 30,244,754	-	-	\$ 6.1850	\$ 0
Startrans	\$ 5,177,152	-	-	\$ 6.1850	\$ 0
Trans-Bay Cable	\$ 123,092,500	-	-	\$ 6.1850	\$ 0
ISO Total	\$ 1,291,233,763	208,769,845			\$ 1,291,233,763

ATTACHMENT H



March 01, 2011 TAC Rates Based on Filed Annual TRR/TRBA and Load Data

Based on FERC Order on Trans Bay Cable's Offer of Settlement (Docket Nos. ER10-116 and ER11 3262)

TAC Components:

	Filed Annual TRR (\$) <i>[1]</i>	Filed Annual Gross Load (MWh) <i>[2]</i>	HV Utility Specific Rate (\$/MWh) <i>[3]</i> = <i>[1]</i> / <i>[2]</i>	TAC Rate (\$/MWh) <i>[4]</i> = total <i>[1]</i> / total <i>[2]</i>	TAC Amount (\$) <i>[5]</i> = (<i>[2]</i>) * <i>[4]</i>
PGE	\$ 410,593,902	89,530,000	\$ 4.5861	\$ 6.4039	\$ 573,341,995
SCE	\$ 564,793,000	89,286,280	\$ 6.3256	\$ 6.4039	\$ 571,781,234
SDGE	\$ 129,813,599	21,226,578	\$ 6.1156	\$ 6.4039	\$ 135,933,079
Anaheim	\$ 25,666,071	2,766,313	\$ 9.2781	\$ 6.4039	\$ 17,715,217
Azusa	\$ 1,633,496	239,575	\$ 6.8183	\$ 6.4039	\$ 1,534,217
Banning	\$ 1,170,807	139,457	\$ 8.3955	\$ 6.4039	\$ 893,070
Pasadena	\$ 13,168,975	1,295,096	\$ 10.1683	\$ 6.4039	\$ 8,293,677
Riverside	\$ 25,193,205	2,201,147	\$ 11.4455	\$ 6.4039	\$ 14,095,946
Vernon	\$ 1,293,589	1,288,684	\$ 1.0038	\$ 6.4039	\$ 8,252,615
Atlantic P15	\$ 30,244,754	-	-	\$ 6.4039	\$ 0
Startrans	\$ 5,177,152	-	-	\$ 6.4039	\$ 0
Trans-Bay Cable	\$ 123,092,500	-	-	\$ 6.4039	\$ 0
ISO Total	\$ 1,331,841,050	207,973,130			\$ 1,331,841,050

ATTACHMENT I



April 20, 2011 TAC Rates Based on Filed Annual TRR/TRBA and Load Data

Based on FERC Order on Trans Bay Cable's Offer of Settlement (Docket Nos. ER10-116 and ER11 3262)

TAC Components:

	Filed Annual TRR (\$) <i>[1]</i>	Filed Annual Gross Load (MWh) <i>[2]</i>	HV Utility Specific Rate (\$/MWh) <i>[3]</i> = <i>[1]</i> / <i>[2]</i>	TAC Rate (\$/MWh) <i>[4]</i> = total <i>[1]</i> / total <i>[2]</i>	TAC Amount (\$) <i>[5]</i> = (<i>[2]</i>) * <i>[4]</i>
PGE	\$ 410,593,902	89,530,000	\$ 4.5861	\$ 6.4010	\$ 573,085,001
SCE	\$ 564,793,000	89,286,280	\$ 6.3256	\$ 6.4010	\$ 571,524,940
SDGE	\$ 129,813,599	21,226,578	\$ 6.1156	\$ 6.4010	\$ 135,872,149
Anaheim	\$ 25,666,071	2,766,313	\$ 9.2781	\$ 6.4010	\$ 17,707,277
Azusa	\$ 1,633,496	239,575	\$ 6.8183	\$ 6.4010	\$ 1,533,529
Banning	\$ 1,170,807	139,457	\$ 8.3955	\$ 6.4010	\$ 892,670
Pasadena	\$ 13,168,975	1,295,096	\$ 10.1683	\$ 6.4010	\$ 8,289,960
Riverside	\$ 25,193,205	2,201,147	\$ 11.4455	\$ 6.4010	\$ 14,089,627
Vernon	\$ 1,293,589	1,288,684	\$ 1.0038	\$ 6.4010	\$ 8,248,916
Atlantic P15	\$ 29,647,772	-	-	\$ 6.4010	\$ 0
Startrans	\$ 5,177,152	-	-	\$ 6.4010	\$ 0
Trans-Bay Cable	\$ 123,092,500	-	-	\$ 6.4010	\$ 0
ISO Total	\$ 1,331,244,068	207,973,130			\$ 1,331,244,068

ATTACHMENT J



July 01, 2011 TAC Rates Based on Filed Annual TRR/TRBA and Load Data

Based on FERC Orders on Offer of Settlement from City of Banning (ER11-3962) and City of Anaheim (ER11-3594)

TAC Components:

	Filed Annual TRR (\$) <i>[1]</i>	Filed Annual Gross Load (MWh) <i>[2]</i>	HV Utility Specific Rate (\$/MWh) <i>[3]</i> = <i>[1]</i> / <i>[2]</i>	TAC Rate (\$/MWh) <i>[4]</i> = total <i>[1]</i> / total <i>[2]</i>	TAC Amount (\$) <i>[5]</i> = (<i>[2]</i>) * <i>[4]</i>
PGE	\$ 410,593,902	89,530,000	\$ 4.5861	\$ 6.4337	\$ 576,005,399
SCE	\$ 564,793,000	89,286,280	\$ 6.3256	\$ 6.4337	\$ 574,437,388
SDGE	\$ 129,813,599	21,226,578	\$ 6.1156	\$ 6.4337	\$ 136,564,543
Anaheim	\$ 30,366,071	2,507,620	\$ 12.1095	\$ 6.4337	\$ 16,133,169
Azusa	\$ 1,633,496	239,575	\$ 6.8183	\$ 6.4337	\$ 1,541,344
Banning	\$ 1,623,807	144,652	\$ 11.2256	\$ 6.4337	\$ 930,641
Pasadena	\$ 13,168,975	1,295,096	\$ 10.1683	\$ 6.4337	\$ 8,332,205
Riverside	\$ 25,193,205	2,201,147	\$ 11.4455	\$ 6.4337	\$ 14,161,427
Vernon	\$ 1,293,589	1,288,684	\$ 1.0038	\$ 6.4337	\$ 8,290,952
Atlantic P15	\$ 29,647,772	-	-	\$ 6.4337	\$ 0
Startrans	\$ 5,177,152	-	-	\$ 6.4337	\$ 0
Trans-Bay Cable	\$ 123,092,500	-	-	\$ 6.4337	\$ 0
ISO Total	\$ 1,336,397,068	207,719,632			\$ 1,336,397,068

ATTACHMENT K



August 01, 2011 TAC Rates Based on Filed Annual TRR/TRBA and Load Data

Based on FERC Orders on Offer of Settlement from City of Banning (ER11-3962), City of Anaheim (ER11-3594), and City of Riverside (ER11-3984)

TAC Components:

	Filed Annual TRR (\$) <i>[1]</i>	Filed Annual Gross Load (MWh) <i>[2]</i>	HV Utility Specific Rate (\$/MWH) <i>[3]</i> = <i>[1]</i> / <i>[2]</i>	TAC Rate (\$/MWH) <i>[4]</i> = total <i>[1]</i> / total <i>[2]</i>	TAC Amount (\$) <i>[5]</i> = (<i>[2]</i>) * <i>[4]</i>
PGE	\$ 410,593,902	89,530,000	\$ 4.5861	\$ 6.4531	\$ 577,742,430
SCE	\$ 564,793,000	89,286,280	\$ 6.3256	\$ 6.4531	\$ 576,169,690
SDGE	\$ 129,813,599	21,226,578	\$ 6.1156	\$ 6.4531	\$ 136,976,374
Anaheim	\$ 30,366,071	2,507,620	\$ 12.1095	\$ 6.4531	\$ 16,181,821
Azusa	\$ 1,633,496	239,575	\$ 6.8183	\$ 6.4531	\$ 1,545,992
Banning	\$ 1,623,807	144,652	\$ 11.2256	\$ 6.4531	\$ 933,448
Pasadena	\$ 13,168,975	1,295,096	\$ 10.1683	\$ 6.4531	\$ 8,357,332
Riverside	\$ 29,093,205	2,180,985	\$ 13.3395	\$ 6.4531	\$ 14,074,026
Vernon	\$ 1,293,589	1,288,684	\$ 1.0038	\$ 6.4531	\$ 8,315,955
Atlantic P15	\$ 29,647,772	-	-	\$ 6.4531	\$ 0
Startrans	\$ 5,177,152	-	-	\$ 6.4531	\$ 0
Trans-Bay Cable	\$ 123,092,500	-	-	\$ 6.4531	\$ 0
ISO Total	\$ 1,340,297,068	207,699,470			\$ 1,340,297,068

ATTACHMENT L



September 01, 2011 TAC Rates Based on Filed Annual TRR/TRBA and Load Data

Based on FERC Orders on Offer of Settlement from City of Banning (ER11-3962), City of Anaheim (ER11-3594), City of Riverside (ER11-3984), and SDGE's (ER11-4318)

TAC Components:

	Filed Annual TRR (\$) <i>[1]</i>	Filed Annual Gross Load (MWh) <i>[2]</i>	HV Utility Specific Rate (\$/MWH) <i>[3]</i> = <i>[1]</i> / <i>[2]</i>	TAC Rate (\$/MWH) <i>[4]</i> = total <i>[1]</i> / total <i>[2]</i>	TAC Amount (\$) <i>[5]</i> = (<i>[2]</i>) * <i>[4]</i>
PGE	\$ 410,593,902	89,530,000	\$ 4.5861	\$ 6.7976	\$ 608,587,963
SCE	\$ 564,793,000	89,286,280	\$ 6.3256	\$ 6.7976	\$ 606,931,255
SDGE	\$ 200,683,999	21,539,407	\$ 9.3171	\$ 6.7976	\$ 146,415,993
Anaheim	\$ 30,366,071	2,507,620	\$ 12.1095	\$ 6.7976	\$ 17,045,765
Azusa	\$ 1,633,496	239,575	\$ 6.8183	\$ 6.7976	\$ 1,628,532
Banning	\$ 1,623,807	144,652	\$ 11.2256	\$ 6.7976	\$ 983,285
Pasadena	\$ 15,554,167	1,231,980	\$ 12.6253	\$ 6.7976	\$ 8,374,491
Riverside	\$ 29,093,205	2,180,985	\$ 13.3395	\$ 6.7976	\$ 14,825,435
Vernon	\$ 1,293,589	1,288,684	\$ 1.0038	\$ 6.7976	\$ 8,759,942
Atlantic P15	\$ 29,647,772	-	-	\$ 6.7976	\$ 0
Startrans	\$ 5,177,152	-	-	\$ 6.7976	\$ 0
Trans-Bay Cable	\$ 123,092,500	-	-	\$ 6.7976	\$ 0
ISO Total	\$ 1,413,552,660	207,949,183			\$ 1,413,552,660

ATTACHMENT M



December 01, 2011 TAC Rates Based on Filed Annual TRR/TRBA and Load Data

Based on FERC Orders on Offer of Settlement from City of Banning (ER11-3962), City of Anaheim (ER11-3594), City of Riverside (ER11-3984), and SDGE's (ER11-4318); City of Azusa's Revised Transmission Revenue Requirement and Transmission Revenue Balancing Account Adjustment (ER12-489)

TAC Components:

	Filed Annual TRR (\$) <i>[1]</i>	Filed Annual Gross Load (MWh) <i>[2]</i>	HV Utility Specific Rate (\$/MWh) <i>[3]</i> = <i>[1]</i> / <i>[2]</i>	TAC Rate (\$/MWh) <i>[4]</i> = total <i>[1]</i> / total <i>[2]</i>	TAC Amount (\$) <i>[5]</i> = (<i>[2]</i>) * <i>[4]</i>
PGE	\$ 410,593,902	89,530,000	\$ 4.5861	\$ 6.8002	\$ 608,821,210
SCE	\$ 564,793,000	89,286,280	\$ 6.3256	\$ 6.8002	\$ 607,163,867
SDGE	\$ 200,683,999	21,539,407	\$ 9.3171	\$ 6.8002	\$ 146,472,108
Anaheim	\$ 30,366,071	2,507,620	\$ 12.1095	\$ 6.8002	\$ 17,052,298
Azusa	\$ 2,296,576	257,416	\$ 8.9217	\$ 6.8002	\$ 1,750,478
Banning	\$ 1,623,807	144,652	\$ 11.2256	\$ 6.8002	\$ 983,661
Pasadena	\$ 15,554,167	1,231,980	\$ 12.6253	\$ 6.8002	\$ 8,377,701
Riverside	\$ 29,093,205	2,180,985	\$ 13.3395	\$ 6.8002	\$ 14,831,117
Vernon	\$ 1,293,589	1,288,684	\$ 1.0038	\$ 6.8002	\$ 8,763,299
Atlantic P15	\$ 29,647,772	-	-	\$ 6.8002	\$ 0
Startrans	\$ 5,177,152	-	-	\$ 6.8002	\$ 0
Trans-Bay Cable	\$ 123,092,500	-	-	\$ 6.8002	\$ 0
ISO Total	\$ 1,414,215,740	207,967,024			\$ 1,414,215,740