| Date | Proceeding |  |  | Hours |  | Direct Costs | Activity | Issue |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Ulility | Subject | Prof | Comp, travel |  |  |  |
|  | (a) | (b) | (c) | (d) | (e) | ${ }^{(5)}$ | (9) | (h) |
| $4-\mathrm{Oct}-11$ | R.12-03-014 | PGEE | prg | 0.5 |  |  | Attended meeting with Energy Division | 12 |
| 4-Oct-11 | R.12-03-014 | PGEE | PRG | 0.3 |  |  | Discussion with Julia Frayer of London Economics | 1 E |
| 7 -Oct-11 | R.12-03-014 | PGEE | PRG | 0.5 |  |  | Reviewed PG\&E's convergence bidding report | Convergence Biddi |
| 11-Oct-11 | R.12-03-014 | PG\&E | PRg | 2.2 |  |  | Attended PRG meeting by teleconferenice | General |
| 11-Oct-11 | R.12-03-014 | PG\&E | PRG | 0.2 |  |  | Conversation with Tarrance Robertson of PG\&E | Resource Adequac |
| ${ }^{4}$-Oct-11 | R.12-03-014 | PG\&E | PRG | 0.5 |  |  | Reviewed Convergence bidding report and Los Esterosinfo | Convergence Biddi |
| 14-Oct-11 | R.12-03-014 | PGXE | prg | 2.9 |  |  | Analyzed RA RFO bids and wrote recommendations. | Resource Adequa |
| 18-OCt-11 | R.12-03-014 | PGEE | PRG | 0.2 |  |  | Reviewed CRR nominations | CRRs |
| 25-Oct-11 | R.12-03-014 | PG\&E | PRG | 1.1 |  |  | Reviewed PRG material on imbalance prices and IE references | General |
| 27-Oct-11 | R.12-03-014 | PG\&E | prg | 0.2 |  |  | Reviewed CRR bids | CRRs |
| 3-Nov-11 | R.12-03-014 | PGRE | PRG | 2.3 |  |  | Reviewed PRG information for Nov. 8 th meeting | General |
| 3-Nov-11 | R.12-03-014 | PGEE | PRG | 0.1 |  |  | Reviewed minutes of October PRG meeting | General |
| 4 -Nov-11 | R.12-03-014 | PG\&E | PRG | 0.3 |  |  | Discussion with Marcel Howiger of TURN | Gas Fuel Supply |
| 4 -Nov-11 | R.12-03-014 | PG\&E | PRG | 0.3 |  |  | Discussion with Pete Kowalewski of PG8E | Gas Fuel Supply |
| 6 -Nov-11 | R.12-03-014 | PG\&E | PRG | 1.2 |  |  | Wrote coments to Gas Fuel Supply Plan | Gas Fuel Supply |
| 8 -Nov-11 | R.12-03-014 | PG\&E | PRG | 0.2 |  |  | Reviewed CRR nominations | CRRs |
| 8 -Nov-11 | R.12-03-014 | PGRE | PRG | 2.4 |  |  | Attended PRG meeting by telephone | General |
| 8 -Nov-11 | R.12-03-014 | PGEE | PRg | 1.4 |  |  | Attended CAM meeting by telephone | General |
| 10-Nov-14 | R.12-03-014 | PG\&E | PRG | 0.4 |  |  | Reviewed Spring 2012 Energy Procurement Proposal | General |
| 14-Nov-11 | R.12-03-014 | PG\&E | PRG | 0.1 |  |  | Discussion with Barbara Pederson of PG\&E | Electric Fuels |
| 45-Nov-11 | R.12-03-014 | PG\&E | PRG | 1.4 |  |  | Wrote Comments to Spring 2012 | General |
|  |  |  |  |  |  |  | Energy Procurement Proposa! |  |
| 45-Nov-41 | R.12-03-014 | PG\&E | PRG | 0.2 |  |  | Reviewed CRR nominations | CRRs |
| 15-Nov-11 | R.12-03-014 | PG8E | PRG | 0.2 |  |  | Teleconterence with PG\&E regarding May-fune 2012 procurement | General |
| 45-Nov-11 | R.12-03-014 | PG\&E | PRG | 0.3 |  |  | Reviewed data on electronic auction | General |
| 45-Nov-11 | R.12-03-014 | PG\&E | PRG | 0.5 |  |  | Reviewed CRRs and CHP documents | General |
| 7-Dec-11 | R.12-03-014 | PG\&E | PRG | ${ }^{1} .8$ |  |  | Reviewed docs for Dec. 13 th PRE meeting | General |
| 8 -Dec-11 | R.12-03-014 | PG\&E | PRG | 0.3 |  |  | Reviewed CRR Tier I nomination requests | CRRs |
| 13-Dec-11 | R.12-03-014 | PG\&E | PRG | 4.3 |  |  | Altended PRG meeting in person | General |
| 13-Dec-11 | R.12-03-014 | PG\&E | PRG | 0.2 |  |  | Reviewed Electronic Auction Transmittal | EA |
| 43-Dec- 41 | R.12-03-014 | PG\&E | PRG | 0.8 |  |  | Reviewed CRRs and CB reports | CRR, CB |
| 16-Dec-41 | R.12-03-014 | PG\&E | PRG | 0.5 |  |  | Reviewed electonic auction results | EA |
| 19-Dec-11 | R.12-03-014 | PGAE | PRG | 0.5 |  |  | Revied Long Term CRR Pertormance Report | CRR |
| 22-Dec-11 | R.12-03-014 | PG\&E | PRG | 0.1 |  |  | Reviewed CRR bids | CRR |
| 6 -Jan-12 | R.12-03-014 | PG\&E | PRG | 0.3 |  |  | Reviewed documents on liquididy | Liquidity |
| 12-Jan-12 | R.12-03-014 | PG\&E | PRG | 0.2 |  |  | Reviewed surnmary of December 13,2011 meeting | General |
| 12-Jan-12 | R.12-03-014 | PG\&E | PRG | 0.7 |  |  | Reviewed Jan. 9 tht meeting docs | General |
| 19-Jan-12 | R.12-03-014 | PGEE | PRG | 0.4 |  |  | Reviewed RPS Shortist and CRR nominations | General |
| 19-Jan-12 | R.12-03-014 | PGEE | prg | 1.5 |  |  | Attended PG\&E meeting by teleconference | General |
| 30-Jan-12 | R.12-03-014 | PG\&E | PRG | 0.5 |  |  | Reviewed material on Cochrane Extraction plant | Cochrane |
| 8 FFeb-12 | R.12-03-014 | PGEE | PRG | 0.2 |  |  | Reviewed meeing minutes of January 19 th meeting. | General |
| 8 -Feb-12 | R.12-03-014 | PG\&E | PRG | 0.3 |  |  | Reviewed PRG material | General |
| 8 -Feb-12 | R.12-03-014 | PG\&E | PRG | 0.1 |  |  | Reviewed CRR awards | CRR |
| 14-Feb-12 | R.12-03-014 | PG\&E | PRG | 0.6 |  |  | Attended PRG meeting via teleconference | General |
| 14 -Feb-12 | R.12-03-014 | PGEE | PRG | 0.3 |  |  | Discussion with Fred Mobasheri (representing DRA) |  |
| 19-Feb-12 | R.12-03-014 | PGRE | PRG | 1.7 |  |  | Reviewed system RA and convergence bidding info | General |
| 23-Feb-12 | R.12-03-014 | PGEE | PRG | 0.4 |  |  | Reviewed docs and meeting summaries for February 28th meeting | General |
| 23-Feb-12 | R.12-03-014 | PG\&E | PRG | 0.1 |  |  | Discussion with Sharon Tatai of PG\&E | General |
| 28-Feb-12 | R.12-03-014 | PG\&E | PRG | 0.5 |  |  | Atended PRG meeting via teleconference | RPS |
| 28-Feb-12 | R.12-03-014 | PG\&E | PRG | ${ }^{1} .6$ |  |  | Atended CAM meeting via teleconference | CHP |
| 29-Feb-12 | R.12-03-014 | PG\&E | PRG | 0.2 |  |  | Reviewed CRR Awards | CRR |
| 5 5-Mar-12 | R.12-03-014 | PG\&E | PRG | 0.4 |  |  | Wrote data request concerning CHP RFO | CHP |
| 5 -Mar-12 | R.12-03-014 | PG\&E | prg | 0.5 |  |  | Wrote cormments to Summer 2012 Physical Gas Plan | Physical Gas Plan |
| 12-Mar-12 | R.12-03-014 | PG\&E | PRG | 1.1 |  |  | Reviewed docs for March 13 th meeting | General |
| 13-Mar-12 | R.12-03-014 | PG\&E | PRG | 3.2 |  |  | Atend PRG meeting via phone | General |
| 20-Mar-12 | R.12-03-014 | PG8E | PRG | 0.3 |  |  | Revied material on portfolio-adusted value | pav |
| 20-Mar-12 | R.12-03-014 | PGEE | PRG | 0.1 |  |  | Revied material on System RA | RA |
| 29-Mar-12 | R.12-03-014 | PGEE | PRG | 0.6 |  |  | Reviewed CRR material | CRR |
| 30-Mar-12 | R.12-03-014 | PG\&E | PRG | 0.9 |  |  | Reviewed Oakley Application | Oakley |
| 30-Mar-12 | R.12-03-014 | PG\&E | PRG | 0.7 |  |  | Reviewed 2011 LTCRR Performance Reports | LTCRR |
| 24-Apr-12 | R. $12-03-014$ | PG\&E | PRG | 0.3 |  |  | Reviewed CAM Group material | CHP |
| 25-Apr-12 | R.12-03-014 | PG\&E | prg | 1.0 |  |  | Attended CAM meeting via teleconference | CHP |
| 25-Apr-12 | R.12-03-014 | PGdE | PRG | 7.0 |  |  | Modeling and Analysis of CHP bids | CHP |
| 26-Apr-12 | R.12-03-014 | PGEE | PRG | 4.0 |  |  | Modeling and Analysis of CHP bids | CHP |


| 26-Apr-12 | R.12-03-014 | PG8E | PRG | 0.6 | Revewed updated CHP material | CHP |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 27-Apr-12 | R.12-03-014 | PG\&E | PRG | 2.8 | Modeling and Analysis of CHP bids | CHP |
| 27-Apr-12 | R.12-03-014 | PG\&E | PRG | 0.2 | Reviewed CRR awards | CRR |
| 27-Apr-12 | R.12-03-014 | PG8E | PRG | 0.2 | Reviewed info on Calpine contract | Calpine |
| 2-May-12 | R.12-03-014 | PG\&E | PRG | 0.9 | Reviewed meeting materias for May 8ih meeting. | General |
| 8 -May-12 | R.12-03-014 | PG\&E | PRG | 3.5 | Attended PRG meeting via telecconference | General |
| 8 -May-12 | R.12-03-014 | PG\&E | PRG | 0.2 | Reviewed 4/2512 meeting summary | General |
| 21-May-12 | R.12-03-014 | PG8E | PRG | 0.2 | Reviewed $5 / 8 / 12$ meeing summary | General |
| 31-May-12 | R.12-03-014 |  |  | 0.2 | Reviewed info on CRR awards | General |
| 34-May-12 | R.12-03-014 | PG8E | PRG | 0.2 | Reviewed CHP presertation | CHP |
| 31-May-12 | R.12-03-014 | PG8E | PRG | 0.6 | Reviewed docs on AMP program | AMP |
| 18.-jun-12 | R.12-03-014 | PG8E | PRG | 2.9 | Reviewed docs for June 19 th meetings | General |
| 19.-Jun-12 | R.12-03-014 | PG8E | PRG | 4.4 | Allended PRG meeting via teleconfererce | General |
| 20-sun-12 | R.12-03-014 | PG\&E | PRG | 0.4 | Discussion with Lewis Hastimoto | AMP RFO |
| 22 -Jun-12 | R.12-03-014 | PG8E | PRG | 0.5 | Reviewed LTCRR Performance Report | CRR |
| 29.Jun-12 | R.12-03-014 | PG8E | PRG | 0.2 | Reviewed CRR awards | General |
| 14-Jui-12 | R.12-03-014 | PG8E | PRG | 0.8 | Reviewed PRG documents for July 17 th meeting | General |
| 17.Jul-12 | R.12-03-014 | PG\&E | PRG | 2.6 | Attended PRG meeting via teleconference | General |
| 22-Jul-12 | R.12-03-014 | PG\&E | PRG | 0.8 | Wrote data request to PGeE | AMP |
| 31-Jul-12 | R.12-03-014 | PG8E | PRG | 0.2 | Reviewed PRG material | AMP |
| 1-Aug $\ddagger$ 2 | R.12-03-014 | PG8E | PRG | 0.3 | Reviewed CRR awards | General |
| ${ }^{1}$-Aug-12 | R.12-03-014 | PG\&E | PRG | 0.3 | Attended PRG meeting via teleconference |  |
| 7-Aug-12 | R.12-03-014 | PG8E | PRG | 0.2 | Reviewed meeting sumaries for April 25 th and July 17 th meetings | General |
| 7-Aug-12 | R.12-03-014 | PG\&E | PRG | 0.2 | Reviewing CAMPRG documitents | General |
| 14-Aug-12 | R.12-03-014 | PG8E | PRG | 0.2 | Reviewing CAMPRG documents | General |
| 14-Aug- 12 | R.12-03-014 | PG\&E | PRG | 1.2 | Attended CAMPRE meeting by teleconference | General |
| 45-Aug-12 | R.12-03-014 | PG8E | PRG | 0.3 | Reviewed August 1 meeting summary | General |
| 24-Aug-12 | R.12-03-014 | PG8E | PRG | 0.9 | Reviewed RAM RFO materia | RAM |
| 31-Aug-12 | R.12-03-014 | PG8E | PRG | 0.2 | Reviewed CRR awards and TeVar | CRR |
| ${ }^{1}$-Sep-12 | R.12-03-014 | PG\&E | PRG | 0.2 | Reviewed minutes of the August 44th meeting | General |
| 6 -Sep-12 | R.12-03-014 | PG8E | PRG | 1.5 | Reviewed PRG documents | General |
| 11-Sep-12 | R.12-03-014 | PG8E | PRG | 3.1 | Attended PRG meeting via teleconference | General |
| 11-Sep-12 | R.12-03-014 | PG8E | PRG | 0.1 | Discussed PG\&E's LTPP with Roy Kuga | General |
| 11-Sep-12 | R.12-03-014 | PG8E | PRG | 0.1 | Discussed contract amendments with Sharon Tatai | General |
| 13-Sep-12 | R.12.03-014 | PG8E | PRG | 0.3 | Reviewed PG\& docs concerring RA RFO | rarfo |
| 21-Sep-12 | R.12-03-014 | PG8E | PRG | 0.2 | Reviewed PG\&E's CRR nominations | Rarfo |
| 26-Sep-12 | R.12-03-014 | PG\&E | PRG | 0.2 | Reviewed LTCRR Performance Report | CRR |
| 26-Sep-12 | R.12-03-014 | PG\&E | PRG | 0.3 | Reviewed CRR Awards | CRR |
| 29-Sep-12 | R.12-03-014 | PG\&E | PRG | 0.3 | Reviewed CRR Awards | CRR |
| 30-Sep-12 | R.12-03-014 | PG8E | PRG | 0.5 | Wrote Comments to PG\&E's Winter GSP | GSP |
| 3 -oct-12 | R.12.03-014 | PG8E | PRG | 0.4 | Reviewed PRG meeting material | General |
| 9 -Oct-12 | R.12-03-014 | PG\&E | PRG | 2.5 | Attended PRG teleconference | General |
| $9 .-\mathrm{Cct}-12$ | R.12-03-014 | PG\&E | PRG | 0.2 | Atiended CAM teleconfererice | General |
| 49-Oct-12 | R.12-03-014 | PG8E | PRG | 0.2 | Reviewed meeting summaries for October 9th CAM/PRG meetings | General |
| 20-Oct-12 | R.12-03-014 | PG\&E | PRG | 0.3 | Reviewing CRR nominations and awards | CRR |
| 30-Oct-12 | R.12-03-014 | PG\&E | PRG | 0.2 | Reviewing CRR nominations and awards, and TEVAR | CRR |
| $9-\mathrm{Nov-4} 4$ | R. 12-03-014 | PG\&E | PRG | 0.8 | Reviwed CRR data and $Q F$ contracts | General |
| 9 -Nov-42 | R.12-03-014 | PG\&E | PRG | 0.3 | Reviewed proposed REC transactions and researched REC prices | REC |
| t-Dec-42 | R.12-03-014 | PG\&E | PRG | 0.5 | Reviewed CRR Info | CRR |
| 5 -Dec-42 | R.12-03-014 | PG8E | PRG | 0.2 | Discussed RECs with PG\&E | RECS |
| 11-Dec-12 | R.12-03-014 | PG\&E | PRG | 2.0 | Attended PRG meeting via teleconference | General |
| 11-Dec-12 | R.12-03-014 | PG\&E | PRG | 0.7 | Reviewed PRG documents | General |
| 17-Dec-12 | R.12-03-014 | PG\&E | PRG | 1.5 | Reviewed PG\&E Confidential Hedging Plan (AL4155-3) | General |
| 24-Dec-12 | R.12-03-014 | PG8E | PRG | 0.2 | Reviewed Gas Storage RFO material | Gas Storage |
| 24-Dec-12 | R.12-03-014 | PG\&E | PRG | 0.4 | Reviewed LTCRR Performance Report and December 11th summary | General |
| 27-Dec-12 | R.12-03-014 | PG\&E | PRG | 0.1 | Reviewed January CRR Awards | CRR |
| 2-Jan-13 | R.12-03-014 | PG\&E | PRG | 0.6 | Attended PRG teleconference | Gas Stirage |
| 4-Jan-13 | R. 12-03-014 | PG8E | PRG | 0.8 | Reviewed gas storage decisions | Gas Storage |
| 9 9-Jan-13 | R.12-03-014 | PG\&E | PRG | 0.1 | Discussion with Sharon Tatai of PG\&E | Procurement |
| 9 9-Jan-13 | R.12-03-014 | PG8E | PRG | 0.2 | Reviewed minutes of January 2nd meeting | General |
| 10-Jan-13 | R.12-03-014 | PG\&E | PRG | 0.2 | Conversation with Brian Stevens of the Energy Division | Gas Storage |
| 11-Jan-13 | R.12-03-014 | PG8E | PRG | 0.2 | Coversation with Shehzed Wadalawala of PG\&E | Resource Adequacy |
| 17.Jan-13 | R.12-03-014 | PG\&E | PRG | 3.4 | Analysis of Storage RFO bids | Gas Storage |
| 48-Jan-13 | R.12-03-014 | PG\&E | PRG | 0.5 | Teleconference with London Economics | Gas Storage |
| 23-Jan-13 | R.12-03-014 | PG8E | PRG | 0.4 | Discussion with Sharon Tatai of PG\&E | Independent Evaluators |
| 25-Jan-13 | R. $12-03-014$ | PG\&E | PRG | 0.4 | Reviewed CAM meeting documents | General |
| 30-Jan-13 | R.12-03-014 | PG8E | PRG | 0.6 | Attended CAM meeting via teleconference | CHP |
| 30-Jan-13 | R.12.03-014 | PG8E | PRG | 0.3 | Discussion with Wayne Oliver on CHP RFO | CHip |
| 30-Jan-13 | R.12-03-014 | PG\&E | PRG | 0.2 | Wrote data request concerning CHP bids | CHP |
| 4.Feb-13 | R.12-03-014 | PG8E | PRG | 0.2 | Reviewed CRR awards for February | CRR |
| 6 -Feb-13 | R.12-03-014 | PGdE | PRG | 0.1 | Reviewed minules of January 30th meeting | General |
| 6 -Feb- 13 | R.12-03-014 | PG\&E | PRG | 0.2 | Reviewed minutes of Dec. 11 th and Jan. 2 meetings | General |


| 6 -Feb-13 | R.12-03-014 | PG\&E | PRG | 0.7 | Reviewed docs for Feb. 12:h meeting | General |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 11-Feb-13 | R.12-03-014 | PG8E | PRG | 0.4 | Reviewed sildes on locational marginal pricing | LMP |
| 12-Feb-13 | R.12-03-014 | PG8E | PRG | 2.5 | Atended PRG meeting in person | General |
| 13 - Feb-13 | R.12-03-014 | PG\&E | PRG | 0.3 | Reviewed Cochrane Contract | Extaction |
| 13-Feb-13 | R.12-03-014 | PG\&E | PRG | 0.1 | Discussion with Sharon Tatai conceming Cochrane contract | Extraction |
| 14-Feb-13 | R.12-03-014 | PG\&E | PRG | 0.1 | Reviewed GHG broker quotes | GHG |
| 49-Feb-13 | R.12-03-014 | PG\&E | PRG | 0.2 | Reviewed minules of February 12 h meeting and wrote comments | GHG |
| 17-Mar-13 | R.12-03-014 | PG\&E | PRG | 2.7 | Reviewed material for March 12th meeting | General |
| 12-Mar-13 | R.12-03-014 | PG8E | PRG | 5.3 | Attended PRG meeting via teleconference | General |
| 45-Mar-13 | R.12-03-014 | PG\&E | PRG | 1.3 | Reviewed RA RFO documents | RA |
| 25-Mar-13 | R.12-03-014 | PG\&E | PRG | 0.8 | Reviewed PRG docurrents for March 27h meeting | General |
| 27-Mar-13 | R.12-03-014 | PG8E | PRG | 2.8 | Atiended PRG meeting by phone | General |
| 27-Mar-13 | R.12-03-014 | PG8E | PRG | 0.8 | Discused RPS RFO with Lewis Hashimoto | RPS |
| 29-Mar-13 | R.12-03-014 | PG\&E | PRG | 1.6 | Reviewed PRG docs on RPS, CRRs, GHG, and RA | General |
| 29-Apr-13 | R.12-03-014 | PG8E | PRG | 1.5 | Reviewed PRG docs for April 30 th meeting | General |
| 30-Apr-13 | R.12-03-014 | PG8E | PRG | 2.4 | Attended PRG meeting via teleconference | General |
| 30-Apr-13 | R.12-03-014 | PG\&E | PRG | 0.4 | Discussion with Sharen Tatai | General |
| 4 -May-13 | R.12-03-014 | PG\&E | PRG | 0.5 | Reviewed IE experience with energy storage | Energy Storage |
| 9 9-May-43 | R.12-03-014 | PG\&E | PRG | 0.2 | Reviewed PGEERPS shortist | RPS |
| 14-May-73 | R.12-03-014 | PG8E | PRG | 0.2 | Reviewed CHP RFO data request | CHP |
| ${ }^{14-M a y-13}$ | R.12-03-014 | PG8E | PRG | 1.5 | Attended PRG meeting by telephone | General |
| 15-May-43 | R.12-03-014 | PG8E | PRG | 0.6 | Reviewed presentations for May 44th meeting | General |
| 22-May-13 | R.12-03-014 | PG\&E | PRG | 0.1 | Reviewed Calipine intermediate Term RFO offers | Interrmediate Term RFO |
| 29-May-13 | R.12-03-014 | PG8E | PRG | 0.2 | Reviewed the Calpine EFC workpapers | General |
| 31-May- 3 | R.12-03-014 | PG8E | PRG | 0.2 | Reviwed CRR info | CRR |
| 1.-sun-13 | R.12-03-014 | PG\&E | PRG | 1.5 | Reviewed PGEE's ERRA application | ERRA |
| 7-Sun-13 | R.12-03-014 | PG\&E | PRG | 1.1 | Reviewed docs for June 11th meeting | General |
| 10-Jun-13 | R.12-03-014 | PG8E | PRG | 0.7 | Wrote comments on $\mathbb{E}$ documents | Independent Evaluators |
| 10.Jun-13 | R.12-03-014 | PG8E | PRG | 0.4 | Discussion with Sharon Tatai | Independent Evaluators |
| 11-Jur-13 | R.12-03-014 | PG\&E | PRG | 3.0 | Altended PRG meeting via phone | General |
| 24-Jun-13 | R.12-03-014 | PG\&E | PRG | 0.2 | Reviewed June 4 th CAMPRG meeting summaries | General |
| 24. Jun-13 | R.12-03-014 | PG\&E | PRG | 0.9 | Reviewed docs for June 26th CAMPRG meetings | General |
| 28 -Jun-13 | R.12-03-014 | PG\&E | PRG | 0.2 | Reviewed CRR Awards | CRR |
| 9 9vul-13 | R.12-03-014 | PG8E | PRG | 0.2 | Reviewed meeting summaries for June 1 thth and June 26ith meetings | General |
| 9-Jul-43 | R.12-03-014 | PG\&E | PRG | 4.0 | Reviewed documents for July 46 thr meeting | General |
| 10-Jul-43 | R.12-03-014 | PG\&E | PRG | 0.2 | Reviewed Physical Call Options Bids | PCO |
| 11/Jul- 3 | R.12-03-014 | PG\&E | PRG | 0.3 | Reviewed Porttolio Adjusted Value tutorial | pav |
| 11.Jul-13 | R.12-03-014 | PG\&E | PRG | 0.7 | Reviewed docs for June 26th CAMPR ${ }^{\text {che metings }}$ | General |
| 11.Jul-13 | R.12-03-014 | PG8E | PRG | 0.3 | Reviewed RNS information | RNS |
| 11.Jul-13 | R.12-03-014 | PG8E | PRG | 0.2 | Reviewed LTCRR Performance Report | CRR |
| 11.Jul-13 | R.12-03-014 | PG\&E | PRG | 0.2 | Reviewed LTCRR Performance Report | CRR |
| 11Jul-13 | R.12-03-014 | PG\&E | PRG | 0.1 | Reviewed GHG reduction information | GHG |
| 17Jul-13 | R.12-03-014 | PG8E | PRG | 0.1 | Reviewed RA RFO document | RA |
| 18-Jul-13 | R.12-03-014 | PG8E | PRG | 0.4 | Discussion with Barbara Pederson OfPGRE | IE |
| t9-Jul-13 | R.12-03-014 | PG8E | PRG | 0.3 | Wrote data request to PG8E concerring RA RFO | RA |
| 26-Jul-43 | R.12-03-014 | PG8E | PRG | 0.2 | Met with Barbara Pederson, Shezad Wadawalala, and Gary Cheng of PG\&E | RA |
| 29-Jul-43 | R.12-03-014 | PG\&E | PRG | 0.1 | Reviewed meeting surmanas for July 16 Bh meeting. | General |
| 3t-Jul-13 | R.12-03-014 | PG\&E | PRG | 0.2 | Reviewied CRR Awards | CRR |
| 6 -Aug-13 | R.12-03-014 | PG8E | PRG | 0.8 | Reviewed docs for August 13 th meeting | General |
| $9-\mathrm{Aug-13}$ | R.12-03-014 | PG\&E | PRG | 2.7 | Review and Analysis of Al3 $3402-\mathrm{G}$ | Gas Options |
| 12-Aug-13 | R.12-03-014 | PG8E | PRG | 1.4 | Reviewed revised docs for August 13 th meeting | General |
| 43-Aug-43 | R.12-03-014 | PG8E | PRG | 4.0 | Attended PRG meeting in person | General |
| 44-Aug-13 | R.12-03-014 | PG\&E | PRG | 1.0 | Wrote data requests and recommendations | Genneral |
| 21-Aug-13 | R.12-03-014 | PG8E | PRG | 0.3 | Reviewed IE's response on RAM4 auction | RAM |
| 22-Aug- 13 | R.12-03-014 | PG8E | PRG | 0.2 | Reviewed IE's revised response on RAM4 auction | RAM |
| 22-Aug 43 | R.12-03-014 | PG\&E | PRG | 0.2 | Reviewed August 13 l meeting summary | General |
| 28-Aug-13 | R.12-03-014 | PG\&E | PRG | 0.4 | Teleconterence with PGEE | RAM |
| 29-Aug-13 | R.12-03-014 | PG8E | PRG | 0.2 | Reviewed CRR information | CRR |
| $3-\mathrm{Sep}$-13 | R.12-03-014 | PG\&E | PRG | 0.2 | Reviewed RAM pricing spreaisheet | RAM |
| 4 -Sep-13 | R.12-03-014 | PG\&E | PRG | 0.1 | Reviewed information on RAM4 ppa | RAM |
| 6 -Sep- 33 | R.12-03-014 | PG\&E | PRG | 0.2 | Conversation wih Kevin Woodruff on IE candidates | 1E |


| 6-Sep-13 | R.12-03-014 | PG\&E | PRG | 0.3 |  |  | Reviewed PG\&E answers to RPS questions | RPS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6 -Sep-13 | R.12-03-014 | PGEE | PRG | 1.1 |  |  | Reviewed docs for September 10th meeting | General |
| 6 -Sep-43 | R.12-03-074 | PG8E | PRG | 0.6 |  |  | Reviewed Arroy Seco, Montague, and Sedway presentations | IE |
| $9-$ Sep-13 | R.12-03-014 | PG8E | PRG | 0.2 |  |  | Reviewed Eoston Pacifc Presentation | IE |
| 40-Sep-13 | R.12-03-014 | PG\&E | PRg | 0.2 |  |  | Reviewed LEIPresentation material | IE |
| $10-\mathrm{Sep}$-13 | R.12-03-014 | PG\&E | PRG | 0.3 |  |  | Reviewed Merimack Presentation material | IE |
| 40-Sep-13 | R.12-03-014 | PG\&E | PRG | 2.5 |  |  | Attended PRG meeting in person | General |
| t0-Sep-13 | R.12-03-014 | PG\&E | PRG | 0.2 |  |  | Reviewed PG\&E RA bids into SDG\&E RFO |  |
| 16-Sep-13 | R.12-03-014 | PG\&E | PRG | 0.6 |  |  | Discussed AL4107 with Lewis Hashimoto of Arroyo Seco | RPS |
| 17-Sep-13 | R.12-03-014 | PG\&E | PRG | 0.8 |  |  | Attended PRG meeting via teleconference | 1E |
| 19-Sep-13 | R.12-03-014 | PG\&E | PRG | 0.2 |  |  | Atiended PRG meeting via teleconference | IE |
| 20-Sep-13 | R.12-03-044 | PG\&E | PRG | 0.5 |  |  | Attended teleconference with PG\&E and Boston Pacific | IE |
| $20-\mathrm{Sep}-13$ | R.12-03-014 | PG8E | PRG | 0.5 |  |  | Discussion with Barbara Pederson of PG\&E | IE |
| 23 -Sep-13 | R.12-03-014 | PGEE | PRG | 0.3 |  |  | Discussion with Kevin Woodruft of TURN | IE |
| 24 -Sep-13 | R.12-03-014 | PG\&E | PRG | 0.5 |  |  | Attended teleconference with PG\&E, ED, and TURN | CRR |
| 24 -Sep-13 | R.12-03-014 | PG\&E | PRG | 0.8 |  |  | Attended PRG meeting via teleconference | IE |
| 24-Sep-13 | R.12-03-014 | PG\&E | PRG | 0.5 |  |  | Discussed IE candidates wilh Pederson and Tatai of PG\&E | IE |
| 27-Sep-13 | R.12-03-014 | PG8E | PRG | 0.2 |  |  | Reviewed Chevron presentation and wrote data request | Chevron |
| 27 -Sep-13 | R.12-03-014 | PG\&E | PRG | 0.2 |  |  | Reviewed long term CRR perfomance | CRR |
| 27-sep-13 | R.12-03-044 | PG\&E | PRG | 0.2 |  |  | Reviewed CRR Allication Awards | CRR |
|  | R.12-03-014 | PG8E | PRG |  | 4.5 |  | Wrote compensation request |  |
|  |  |  |  | Prot. | $\begin{array}{c\|} \hline \text { Travel, } \\ \text { comp } \\ \hline \end{array}$ |  |  |  |
|  |  |  | 2011 Hours |  |  |  |  |  |
|  |  |  | Rate | 200.0 | \$100.00 |  |  |  |
|  |  |  | 2012 Hours | 72.4 | 0.0 |  |  |  |
|  |  |  | Rate | 200.0 | \$ 100.00 |  |  |  |
|  |  |  | 2013 Hours |  | 4.5 |  |  |  |
|  |  |  | Rate | 215.0 | \$107.50 |  |  |  |
|  |  |  | Subtotai labor | 35,311.50 | 483.75 | \$0.00 | Subtotal expenses |  |
|  | Total labor \$35,795.25 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |


| Abbreviations |  |
| :---: | :---: |
| AL | Advice Letter |
| AMP | Aggregator Managed Portiolio |
| CAM | Cost Allocation Mechanism |
| CB | Convergence Bidding |
| CHP | Combined Heat and Power |
| CRR | Congestion Revenue Right |
| EA | Electronic Auction |
| ERRA | Energy Resource Recovery Account |
| GHG | Greenhouse Gas |
| GSp | Gas Supply Plan |
| 1 E | Independent Evaluator |
| itrao | Independent Evaluator |
| LEE | London Economics International |
| Lmp | Locational Marginal Pricing |
| LTCRR | Long Term Congestion Revenue Rig |
| LTPP | Long Tem Procurement Plan |
| pav | Pottolio Adjusted Vatue |
| pco | Physical Call Option |
| PG\&E | Paciic Gas and Electric Company |
| PRG | Procurement Review Group |
| RA | Resource Adequacy |
| RAM | Renewable Auction Mechanism |
| REC | Renewable Energy Credit |
| RFO | Request For Offers |
| RNS | Residual Net Short |
| RPS | Renewables Porffolio Standard |
| tevar | Time to Expiration Value at Risk |
| TURN | The Uillly Reform Network |

