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Docket Number:	16-RPS-02
Project Title:	Appeal by Los Angeles Department of Water & Power re Renewables Portfolio Standard Certification Eligibility
TN #:	213035
Document Title:	Supplemental Declaration of Louis C. Ting in 16-RPS-02 (08.30.16)
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STATE OF CALIFORNIA
ENERGY RESOURCES CONSERVATION
AND DEVELOPMENT COMMISSOIN

In the Matter of:)	Docket No. 16-RPS-02
)	
Appeal by LADWP re)	RE: Supplemental Declaration of Louis
RPS Certification or Eligibility)	C. Ting in 16-RPS-02
)	
)	

SUPPLEMENTAL DECLARATION OF LOUIS C. TING

I, Louis C. Ting, declare as follows:

- 1) I am the Director of the Power System Planning and Development Division at the Los Angeles Department of Water and Power (LADWP). I graduated from the University of California at Los Angeles with a Bachelor of Science in Mechanical Engineering in 1992. I am a California licensed Professional Mechanical Engineer. I have worked at LADWP since 1992.
- 2) As the Director of the Power System Planning and Development Division at LADWP, my responsibilities include the management and oversight of LADWP's regulatory standards and compliance division, such as LADWP's compliance with its renewables portfolio standards (RPS) program. I am familiar with LADWP's submissions to the California Energy Commission (CEC) relating to LADWP's renewable resources and procurement. On July 22, 2016, I submitted my first declaration in 16-RPS-02, TN# 212401. I am authorized to make this supplemental declaration on behalf of LADWP and the following matters are true and accurate to the best of my knowledge and belief.

- 3) Exhibit 27 is a true and correct copy of the 2009 LADWP contract with Shell Energy North America (Shell), which is a North American Energy Standards Board (NAESB) Base Contract with its Transaction confirmations (Bates Nos. LA000508-LA000535).
- 4) Exhibit 28 is a true and correct copy of the 2009 LADWP contract with Atmos Energy Marketing, LLC (Atmos), which is a NAESB Base Contract with its Transaction confirmations, (Bates Nos. LA000536-LA000557).
- 5) Exhibit 29 is a true and correct copy of the LADWP Board of Water and Power Commissioners (Board) letter for a contract with Kern River Gas Transmission Company (Kern River) for firm transportation, identifying LADWP Board Resolution No. 001-014 (Bates Nos. LA000558-LA000560).
- 6) Exhibit 30 is a true and correct copy of the Kern River 2000 LADWP Board Resolution-001-014 (Bates No. LA000561).
- 7) Exhibit 31 is a true and correct copy of the Kern River 2000 City Council Action (Bates Nos. LA000562-LA000564).
- 8) Exhibit 32 is a true and correct copy of the Kern River 2000 LADWP Board File No BP 99-002A (Bates Nos. LA000565-LA000577).
- 9) Exhibit 33 is a true and correct copy of the Kern River 2001 LADWP Board Letter for Resolution No. 001-153 (Bates Nos. LA000578-LA000580).
- 10) Exhibit 34 is a true and correct copy of the Kern River 2001 Resolution-001-153 (Bates Nos. LA000581-LA000582).
- 11) Exhibit 35 is a true and correct copy of the Kern River 2001 City Council Action (Bates Nos. LA000583-LA000586).

- 12) Exhibit 36 is a true and correct copy of the Kern River 2001 LADWP Board File No BP 99-002B (Bates Nos. LA000587-LA000589).
- 13) Exhibit 37 is a true and correct copy of the Kern River 2013 Agreement No. 1006 LADWP Board Letter for Resolution-013-118 (Bates Nos. LA000590-LA000592).
- 14) Exhibit 38 is a true and correct copy of the Kern River 2013 Agreement No. 1006 Board Resolution-013-118 (Bates No. LA000593-LA000594).
- 15) Exhibit 39 is a true and correct copy of the Kern River 2013 Agreement No. 1006 Chief Administrative Officer (CAO) Report (Bates Nos. LA000595-LA000598).
- 16) Exhibit 40 is a true and correct copy of the Kern River 2013 Agreement No. 1006 City Council Action (Bates Nos. LA000599-LA000600).
- 17) Exhibit 41 is a true and correct copy of the Kern River 2013 Agreement No. 1006 LADWP Board File No BP 12-018 (Bates Nos. LA000601-LA000605).
- 18) Exhibit 42 is a true and correct copy of the Kern River 2013 Agreement No. 1706 LADWP Board Letter for Resolution No. 013-193 (Bates Nos. LA000606-LA000608).
- 19) Exhibit 43 is a true and correct copy of the Kern River 2013 Agreement No. 1706, Board Resolution No. 013-193 (Bates Nos. LA000609-LA000610).
- 20) Exhibit 44 is a true and correct copy of the Kern River 2013 Agreement No. 1706 CAO Report (Bates Nos. LA000611-LA000614).
- 21) Exhibit 45 is a true and correct copy of the Kern River 2013 Agreement No. 1706 City Council Action (Bates Nos. LA000615-LA000616).
- 22) Exhibit 46 is a true and correct copy of the Kern River 2013 Agreement No. 1706 LADWP Board File No BP 12-019 (Bates Nos. LA000617-LA000621).

- 23) Exhibit 47 is a true and correct copy of the Southern California Gas Company (SoCalGas) 2004 Master Services Contract Agreement 47349-4 LADWP Board Letter for Resolution No. 004-260 (Bates Nos. LA000622-LA000623).
- 24) Exhibit 48 is a true and correct copy of the SoCalGas 2004 Master Services Contract Agreement 47349-4 Resolution No. 004-260 (Bates No. LA000624).
- 25) Exhibit 49 is a true and correct copy of the SoCalGas 2004 Master Services Contract Agreement 47349-4 CAO Report (Bates Nos. LA000625-LA000627).
- 26) Exhibit 50 is a true and correct copy of the SoCalGas 2004 Master Services Contract Agreement 47349-4 City Council Action (Bates Nos. LA000628-LA000629).
- 27) Exhibit 51 is a true and correct copy of the SoCalGas 2004 Master Services Contract Agreement 47349-4 LADWP Board File No 47349-2 (Bates Nos. LA000630-LA000703).
- 28) Exhibit 52 is a true and correct copy of the SoCalGas 2006 Master Services Contract Agreement 47498-6 LADWP Board Letter for Resolution No. 006-232 (Bates Nos. LA000704-LA000706).
- 29) Exhibit 53 is a true and correct copy of the SoCalGas 2006 Master Services Contract Agreement 47498-6 Resolution 006-232 (Bates Nos. LA000707-LA000708).
- 30) Exhibit 54 is a true and correct copy of the SoCalGas 2006 Master Services Contract Agreement 47498-6 CAO Report (Bates Nos. LA000709-LA000711).
- 31) Exhibit 55 is a true and correct copy of the SoCalGas 2006 Master Services Contract Agreement 47498-6 City Council Action (Bates No. LA000712).
- 32) Exhibit 56 is a true and correct copy of the SoCalGas 2006 Master Services Contract Agreement 47498-6 Energy and Environment Committee (Bates Nos. LA000713-LA000714).

- 33) Exhibit 57 is a true and correct copy of the SoCalGas 2006 Master Services Contract Agreement 47498-6 LADWP Board File No 47498-6 (Bates Nos. LA000715-LA000731).
- 34) Exhibit 58 is a true and correct copy of the SoCalGas 2008 Delegation of Authority for Master Services Contract Agreement 47498-6 LADWP Board Letter for Resolution No. 008-242 (Bates Nos. LA000732-LA000737).
- 35) Exhibit 59 is a true and correct copy of the SoCalGas 2008 Delegation of Authority for Master Services Contract Agreement 47498-6 Resolution 008-242 (Bates No. LA000738).
- 36) Exhibit 60 is a true and correct copy of the SoCalGas 2008 Delegation of Authority for Master Services Contract Agreement 47498-6 CAO Report (Bates Nos. LA000739-LA000742).
- 37) Exhibit 61 is a true and correct copy of the SoCalGas 2008 Delegation of Authority for Master Services Contract Agreement 47498-6 City Council Action (Bates Nos. LA000743-LA000746).
- 38) Exhibit 62 is a true and correct copy of the SoCalGas 2008 Delegation of Authority for Master Services Contract Agreement 47498-6 City Ordinance No 180044 (Bates Nos. LA000747-LA000748).
- 39) Exhibit 63 is a true and correct copy of the SoCalGas 2008 Master Services Contract Storage Service Agreement 47335-8 LADWP Board File No 47335-8 (Bates Nos. LA000749-LA000752).
- 40) Exhibit 64 is a true and correct copy of the LADWP NAESB Base Contract Template for Natural Gas Board Letter for Resolution No.-003-285 (Bates Nos. LA000753-LA000754).
- 41) Exhibit 65 is a true and correct copy of the LADWP NAESB Base Contract Template for Natural Gas (Bates Nos. LA000755-LA000766).

- 42) Exhibit 66 is a true and correct copy of the LADWP NAESB Base Contract Template for Natural Gas Board Resolution-003-285 (Bates Nos. LA000767-LA000768).
- 43) Exhibit 67 is a true and correct copy of the LADWP 2009 Power System Renewable Portfolio Standard Board Update (Bates Nos. LA000769-LA000778).
- 44) Exhibit 328 is a true and correct copy of the Designation Letters from Powerex Corporation (Powerex) for LADWP contract Nos. BP 05-020-A and BP 05-020-B (Nov. 29 10) for hydroelectric generation from British Columbia (Bates Nos. LA001570-LA001573).
- 45) Exhibit 329 is a true and correct copy of the City Council File 03-2688 - LADWP Presentation to Council regarding Hydroelectric Generation Considerations, dated 07.13.04 (Bates Nos. LA001574-LA001587).
- 46) Exhibit 330 is a true and correct copy of the City Council File 03-2688 - LADWP Supplemental Presentation to Council regarding Hydroelectric Generation Considerations dated 08.10.04 (2) (Bates Nos. LA001588-LA001592).
- 47) Exhibit 331 is a true and correct copy of the City Council File 03-2688 - Treatment of Hydroelectric Generation Facilities in LADWP 2005 RPS Policy (10.12.04) (Bates Nos. LA001593-LA001601).
- 48) Exhibit 332 is a true and correct copy of the City Council File 00-1531 - Council Action Approving LADWP's 2000 Integrated Resource Plan (IRP) (08.22.00) (Bates Nos. LA001602-LA001605).
- 49) Exhibit 333 is a true and correct copy of the City Council File 00-1531 - LADWP Board Letter and Resolution regarding 2000 IRP (07.24.00) (Bates Nos. LA001606-LA001609).
- 50) Exhibit 334 is a true and correct copy of the City Council File 02-1135 - City Administrative Office Report regarding Amendments Natural Gas Risk Management Policy Los

Angeles Administrative Code (LAAC) Section 10.5.3 (01.06.06) (Bates Nos. LA001610-LA001613).

51) Exhibit 335 is a true and correct copy of the City Council File 02-1135 - City Council Action Approving Amendments to LAAC Section 10.5.3 for Natural Gas Transactions (03.16.16) (Bates Nos. LA001614-LA001615).

52) Exhibit 336 is a true and correct copy of the City Council File 02-1135 - LADWP Board Letter Requesting Amendment to LAAC Section 10.5.3 Natural Gas Risk Management Policy (01.26.06) (Bates Nos. LA001616-LA001617).

53) Exhibit 337 is a true and correct copy of the City Council File 02-1135 - LADWP Board Resolution No. 006-122 regarding Amendments to LAAC Section 10.5.3 Natural Gas Risk Management (01.24.06) (Bates No. LA001618).

54) Exhibit 338 is a true and correct copy of the City Council File 02-1135 - Ordinance No. 174755 - LAAC Section 10.5.3 Delegation of Authority regarding Natural Gas Transactions (09.22.02) (Bates Nos. LA001619-LA001622).

55) Exhibit 339 is a true and correct copy of the City Council File 02-1135 - Ordinance No. 177405 Approving 2006 Amendments to LAAC Section 10.5.3 Natural Gas Risk Management (03.16.06) (Bates Nos. LA001623-LA001624).

56) Exhibit 343 is a true and correct copy of an LADWP July 27, 2009 Memorandum Regarding the Use of Biogas (Bates Nos. LA001653-LA001661).

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct to the best of my knowledge and that this declaration was executed on August 30, 2016 at Los Angeles, California.

/s/ Louis C. Ting
LOUIS C. TING
Director of Power Planning & Development
Los Angeles Dept. of Water and Power