

CITY OF RIVERSIDE
APPLICATION FOR
PARTICIPATING TRANSMISSION OWNER STATUS

July 10, 2002

TABLE OF CONTENTS

	<u>Page No.</u>
1. DESCRIPTION OF RIVERSIDE’S TRANSMISSION LINES AND FACILITIES.....	1
2. DESCRIPTION OF RIVERSIDE’S TRANSMISSION ENTITLEMENTS	1
3. ENCUMBRANCES	4
4. TRANSMISSION LINES AND FACILITIES TO BE PLACED UNDER ISO’S OPERATIONAL CONTROL.....	4
5. RELIABILITY CRITERIA.....	4
6. MAINTENANCE PRACTICES.....	4
7. TEMPORARY WAIVERS	4
8. PROPOSED TRANSMISSION OWNER (TO) TARIFF	5
9. RIVERSIDE’S TRR	5
10. ADDRESS AND CONTACT NAMES.....	5
11. SETTLEMENT ACCOUNT.....	5
12. RIVERSIDE’S MWH DEMAND IN 2001	6
13. INSTRUCTIONS FOR ENCUMBRANCES AND ENTITLEMENTS.....	6
APPENDIX A RIVERSIDE’S TRANSMISSION ENTITLEMENTS	
APPENDIX B RIVERSIDE’S TRANSMISSION ENCUMBRANCES	

**CITY OF RIVERSIDE APPLICATION FOR
PARTICIPATING TRANSMISSION OWNER STATUS**

1. Description of Riverside’s Transmission Lines and Facilities

The City of Riverside receives access to the ISO Controlled Grid by virtue of a Wholesale Distribution Access Tariff (“WDAT”) with the Southern California Edison Company (“SCE”) and does not own any transmission lines or facilities. The WDAT governs SCE’s provision of wholesale distribution service between Riverside’s system and the ISO Controlled Grid. Such service is provided from the point where the seven 69 kv lines connecting the Riverside and SCE systems cross the Riverside city limits, to the point at SCE’s 230/115/69 kV Vista Substation where SCE’s 230 kV facilities interconnect with the ISO Controlled Grid.

2. Description of Riverside’s Transmission Entitlements

The City of Riverside has the following entitlements to transmission service associated with High Voltage Transmission Facilities (see also Appendix A and Figure 1 attached thereto):

2.1 Southern Transmission System (STS)

The STS is comprised of the Intermountain-Adelanto ± 500 kV direct current transmission line extending between the Intermountain Power Project and the Adelanto Switching Station.

The City of Riverside is entitled to firm bi-directional service equaling 10.164% of the facility’s 1,920 MW rated capability, or 195 MW.

2.2 Mead-Adelanto Project

The Mead-Adelanto Transmission Project is comprised of a 500 kV alternating current transmission line extending between the Marketplace and Adelanto Switching Stations.

The City of Riverside is entitled to firm bi-directional service equaling 9.1666% of the facility’s 1,291 MW rated capability, or 118 MW.

2.3 Mead-Phoenix Project

The Mead-Phoenix Transmission Project is comprised of:

- ▶ a 500 kV alternating current transmission line extending between Westwing and Perkins Substations. With regard to this component, the City of Riverside is entitled to firm bi-directional service equaling 0.9230% of the facility’s 1,300 MW rated capability, or 12 MW.

- ▶ a 500 kV alternating current transmission line extending between Perkins and Mead Substations. With regard to this component, the City of Riverside is entitled to firm bi-directional service equaling 0.9230% of the facility’s 1,300 MW rated capability, or 12 MW.

- ▶ a 500 kV alternating current transmission line extending between Mead Substation and Marketplace Switching Station. The City of Riverside is entitled to firm bi-directional service equaling 0.6479% of the facility's 1,852 MW rated capability, or 12 MW.

- ▶ 500/230 kV transformation between the Mead Substation 500 kV bus and the Mead Substation 230 kV bus. The City of Riverside holds no entitlement to these transformation facilities.

2.4 Marketplace-McCullough Transmission Line

The Marketplace-McCullough transmission line is a 500 kV alternating current transmission line extending between the Marketplace and McCullough Switching Stations.

As part of both the Mead-Adelanto and Mead-Phoenix Transmission Projects, the City of Riverside is entitled to firm bi-directional service over this facility equaling the sum of its transmission entitlements in the each of those projects.

2.5 Adelanto-Victorville/Lugo

Riverside's 313 MW entitlement to firm service over this transmission path is derived from three agreements between Riverside and the Los Angeles Department of Water and Power (LADWP).

- ▶ one agreement providing for 118 MW of firm bi-directional service between Adelanto Switching Station and the midpoint of the Lugo-Victorville 500 kV transmission line.

- ▶ one agreement providing for 122 MW of firm unidirectional service from Adelanto Switching Station to the midpoint of the Lugo-Victorville 500 kV transmission line.

- ▶ one agreement providing for 73 MW of firm unidirectional service from Adelanto Switching Station to the midpoint of the Lugo-Victorville 500 kV transmission line.

2.6 Northern Transmission System (NTS)

The NTS is comprised of:

- ▶ two 345 kV transmission lines extending between the Intermountain Power Project (IPP) and Mona Substation.

With regard to this component, the City of Riverside is entitled to firm bi-directional service equaling 18.2733% of LADWP's rights to capacity and use this transmission path's 1,400 MW rated capability, or 175 MW.

- ▶ one 230 kV transmission line extending between IPP and Gonder Substation.

With regard to this component, the City of Riverside is entitled to firm bi-directional service equaling 18.2733% of LADWP's rights to capacity and use this transmission path's 200 MW rated capability, or 25 MW.

Note: LADWP entitlement on the NTS is subject to seasonal reductions resulting from the exercise of recall rights by certain Utah entities. Riverside will inform the ISO whenever Riverside's NTS entitlement changes, or is expected to change, as a result of a change in LADWP rights due to recall.

2.7 Pacific DC Intertie

Riverside's entitlement to firm bi-directional service over this transmission path is derived from two separate agreements:

- ▶ one firm transmission service agreement with LADWP providing for 25 MW of seasonal service between the Nevada-Oregon Border and Sylmar Switching Station during the months of June through October each year.
- ▶ one firm transmission service agreement with the cities of Pasadena and Burbank providing for 23 MW of annual service between the Nevada-Oregon Border and Sylmar Switching Station.

2.8 Lugo/Victorville 500 kV to Vista 230 kV

Riverside's 168 MW entitlement to firm unidirectional network service from the midpoint of the Lugo/Victorville 500 kV line to the Vista Substation 230 kV Substation is derived from two separate agreements with the Southern California Edison Company:

- ▶ one agreement providing for 156 MW of service.
- ▶ one agreement providing for 12 MW of service.

Pursuant to their terms, these agreements will be amended to revise the transmission service rates paid by Riverside thereunder. Such amendments are anticipated to become effective concurrent with Riverside becoming a Participating Transmission Owner (January 1, 2003).

2.9 Mead 230 kV to Vista 230 kV

Riverside's 30 MW entitlement to firm unidirectional network service from the Mead Substation 230 kV bus to the Vista Substation 230 kV bus is derived from a firm transmission service agreement with the Southern California Edison Company.

Pursuant to its terms, this agreement will be amended to revise the transmission service rate paid by Riverside thereunder. Such amendments are anticipated to become effective concurrent with Riverside becoming a Participating Transmission Owner (January 1, 2003).

2.10 San Onofre 230 kV to Vista 230 kV
Riverside's 42 MW entitlement to firm unidirectional network service from the San Onofre Nuclear Generating Station 230 kV bus to the Vista Substation 230 kV bus is derived from a firm transmission service agreement with the Southern California Edison Company.

Pursuant to its terms, this agreement will be amended to revise the transmission service rate paid by Riverside thereunder. Such amendments are anticipated to become effective concurrent with Riverside becoming a Participating Transmission Owner (January 1, 2003).

3. Encumbrances

Northern Transmission System (NTS)

The City of Riverside provides 20 MW of firm bi-directional transmission service to Deseret Generation & Transmission Co-operative between Mona and Gonder Substations using Riverside's NTS entitlement described above (see also Appendix B).

4. Transmission Lines and Facilities to be placed under ISO's Operational Control

The City of Riverside intends to place under the ISO's Operational Control all of its transmission entitlements listed in Section 2 above, reduced to reflect the encumbrance described in section 3. The City of Riverside does not have ownership of, or entitlements to, any Low Voltage Transmission Facilities.

5. Reliability Criteria

The City of Riverside does not have any specific Local Reliability Criteria that are applied to the entitlements identified in Section 2 above. It is Riverside's understanding that the transmission providers or the operating agents for the transmission projects to which Riverside has an entitlement meet the WECC standards.

6. Maintenance Practices

The City of Riverside does not operate or maintain any of the transmission facilities to which it has an entitlement. The operating agreements for the SCPA transmission projects require that the operating managers perform operating and maintenance work according to Prudent Utility Practice, the respective agreements and applicable guidelines.

7. Temporary Waivers

Not applicable.

8. Proposed Transmission Owner (TO) Tariff

A draft of Riverside’s TO Tariff is attached. The City of Riverside will file the final draft of its TO Tariff, including TRR, with the Federal Energy Regulatory Commission (FERC) under the FERC’s rules and procedures for non-jurisdictional rate filings.

9. Riverside’s TRR

The City of Riverside will file its TRR as part of the non-jurisdictional filing as noted in Section 8 above.

10. Address and Contact Names

Thomas P. Evans
Public Utilities Director
City of Riverside
Public Utilities Department
3900 Main Street
Riverside, CA 92522

Email: tevens@ci.riverside.ca.us
Telephone: (909) 826-5502
Fax: (909) 369-0548

Gary L. Nolff
Power Contracts/Projects Manager
City of Riverside
Public Utilities Department
2911 Adams Street
Riverside, CA 92504

Email: gnolff@pac.state.ca.us
Telephone: (909) 351-6313
Fax: 909 351-6328

11. Settlement Account

Same as the Settlement Account that Riverside currently has as a Scheduling Coordinator.

Bank of America, SCA Govt. Serv. Div. #1431
555 S. Flower Street, Los Angeles, CA 90071
Bank ABA Number: 121-000358
FTR Bank Account Number: 14965-01243
Federal Tax ID Number: 95-6000769

12. Riverside's MWh Demand in 2001

**MWh Demand Per Month
Calendar Year 2001**

<u>Month</u>	<u>MWh</u>
January	140,239
February	124,294
March	135,396
April	134,257
May	151,175
June	163,397
July	174,132
August	191,916
September	168,442
October	155,043
November	135,908
December	<u>139,820</u>
Total	1,814,019

13. Instructions for Encumbrances and Entitlements

Instructions will be developed jointly with the ISO and the operating agents/transmission providers associated with Riverside's transmission entitlements.

APPENDIX A

Point of Receipt-Delivery	Parties	Direction	Contract Title	FERC No.	Contract Termination	Contract Amount
1. IPP-Adelanto Switching Station	Riverside-SCPPA	Bi-directional	Southern Transmission System Transmission Service Contract		15-Jun-27	195 MW
2. Marketplace Substation-Adelanto	Riverside-SCPPA	Bi-directional	Mead-Adelanto Project Transmission Service Contract		31-Oct-30	118 MW
3. Westwing-Mead-Marketplace 500 kV	Riverside-SCPPA	Bi-directional	Mead-Phoenix Project Transmission Service Contract		31-Oct-30	12 MW
4. Marketplace-McCullough 500 kV	Riverside-SCPPA	Bi-directional	Mead-Adelanto Project Transmission Service Contract Mead-Phoenix Project Transmission Service Contract		31-Oct-30 31-Oct-30	118 MW 12 MW
5. Adelanto-Victorville/Lugo	Riverside-LADWP	Bi-directional	Adelanto-Victorville/Lugo 110 MW Firm Transmission Service Agmt		See Note 1	118 MW
6. Adelanto-Victorville/Lugo	Riverside-LADWP	To Victorville/Lugo	IPP Base Capacity Transmission Service Agreement		See Note 2	122 MW
7. Adelanto-Victorville/Lugo	Riverside-LADWP	To Victorville/Lugo	IPP Additional Capacity Transmission Service Agreement		See Note 3	73 MW
8. IPP-Mona Substation	Riverside-LADWP	Bi-directional	Northern Transmission System Agreement		See Note 4	175 MW
IPP-Gonder Substation	Riverside-LADWP	Bi-directional	Northern Transmission System Agreement		See Note 4	25 MW
9. Nevada-Oregon Border-Sylmar	Riverside-LADWP	Bi-directional	NOB/Sylmar 25 MW Firm Transmission Service Agreement (Seasonal: June – October)		31-Oct-04	25 MW
10. Nevada-Oregon Border-Sylmar	Riverside-Burbank & Pasadena	Bi-directional	Pacific Intertie Direct Current Firm Transmission Service Agreement		30-Sep-09	23 MW
11. San Onofre-Vista	Riverside-SCE	To Vista	San Onofre Nuclear Generating Station Firm Transmission Service Agmt.		See Note 5	42 MW
12. Mead 230 kV-Vista	Riverside-SCE	To Vista	Hoover Firm Transmission Service Agreement		See Note 6	30 MW
13. Lugo/Victorville-Vista	Riverside-SCE	To Vista	Intermountain Power Project Firm Transmission Service Agreement		See Note 7	156 MW
14. Lugo/Victorville-Vista	Riverside-SCE	To Vista	Palo Verde Nuclear Generating Station Firm Transmission Service Agmt.		See Note 8	12 MW

Notes

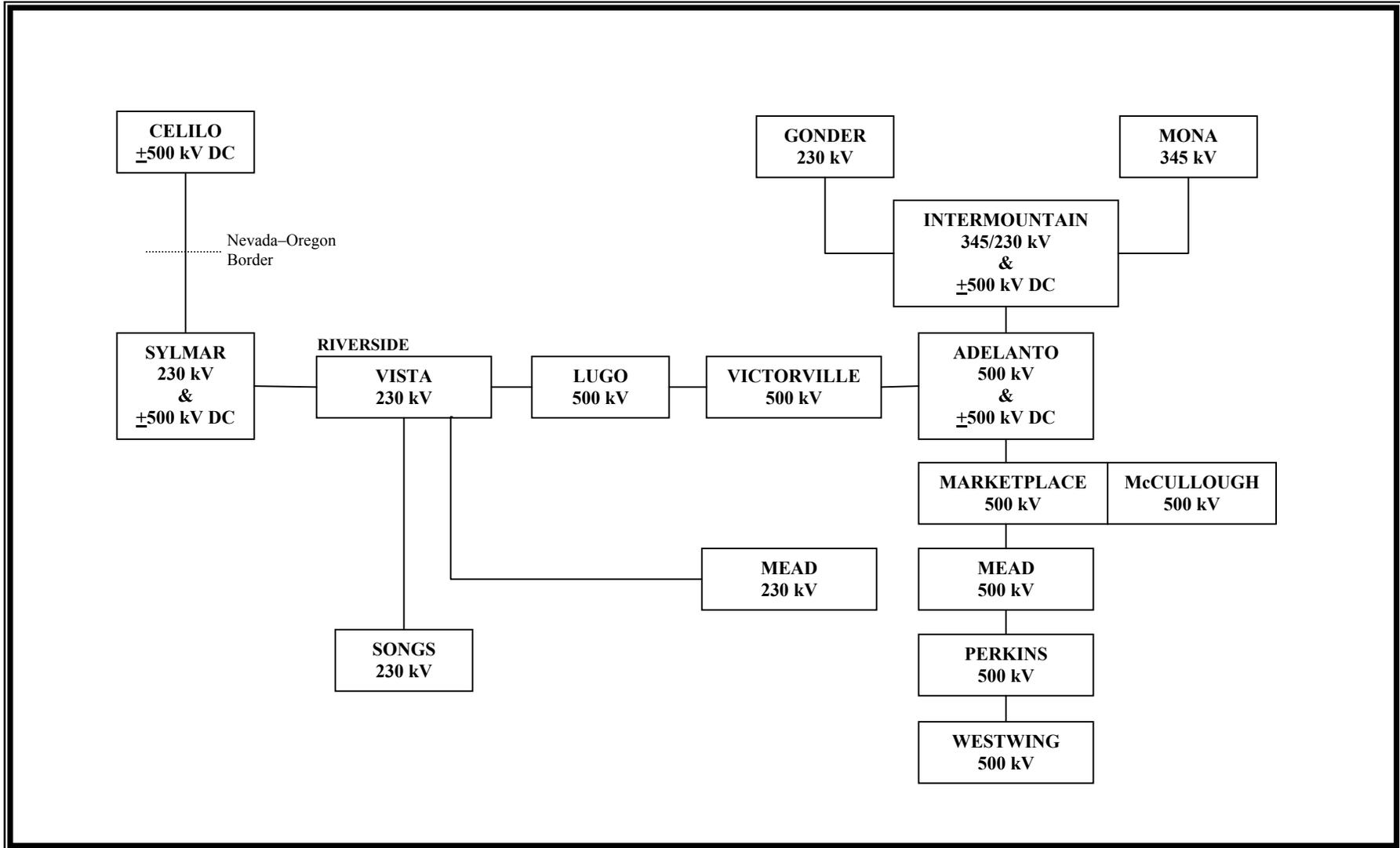
1. Agreement terminates on: (i) removal of Mead-Adelanto Project from Service; or (ii) removal of Los Angeles-SCE interconnection at Victorville/Lugo.
2. Agreement terminates on: (i) June 15, 2027; or (ii) the date Riverside interconnects at Adelanto Switching Station.
3. Agreement terminates on: (i) June 15, 2027; (ii) the date Riverside interconnects at Adelanto Switching Station; or (iii) 5-year's notice by LADWP.
4. Agreement terminates on: (i) termination of LADWP's rights to the Northern Transmission System; or (ii) termination of the IPP Additional Capacity Agreement.
5. Agreement terminates on: (i) six months notice by Riverside; (ii) termination of Riverside's interest in San Onofre Nuclear Generating Station Units 2 and 3; or (iii) unacceptable FERC modification.
6. Agreement terminates on: (i) six months notice by Riverside; (ii) termination of Riverside's interest in the Boulder Canyon Project (Hoover); or (iii) unacceptable FERC modification.
7. Agreement terminates on: (i) six months notice by Riverside; (ii) termination of Riverside's interest in the Intermountain Power Project; or (iii) unacceptable FERC modification.
8. Agreement terminates on: (i) six months notice by Riverside; (ii) termination of Riverside's interest in the Palo Verde Nuclear Generating Station; or (iii) unacceptable FERC modification.

CITY OF RIVERSIDE

TRANSMISSION SERVICE CONTRACT PATHS

As of January 1, 2003

APPENDIX A – FIGURE 1



APPENDIX B

<u>Point of Receipt-Delivery</u>	<u>Parties</u>	<u>Direction</u>	<u>Contract Title</u>	<u>FERC No.</u>	<u>Contract Start Date</u>	<u>Contract Termination</u>	<u>Contract Amount</u>
1. Mona Substation-Gonder Substation	Riverside-Deseret G&T	Bi-directional	Mona-Gonder Transmission Service Agreement		17-Jun-94	31-Dec-09	20 MW