

STATEMENT OF PRINCIPLES
MEMORANDUM OF AGREEMENT
executed by the
UNITED STATES OF AMERICA
DEPARTMENT OF ENERGY
BETWEEN BONNEVILLE POWER ADMINISTRATION'S
POWER BUSINESS LINE
AND
TRANSMISSION BUSINESS LINE

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**SECTION 1
NATURE OF THIS DOCUMENT**

This Statement of Principles (SOP) Memorandum of Agreement (MOA) is intended, in sections 2 through 12, to establish the business relationship between the Bonneville Power Administration's (BPA) Power Business Line (PBL) and Transmission Business Line (TBL) with regard to the BPA power sales contracts specified in Exhibit A, as well as, in section 13, to address additional matters. Such power sales contracts generally are agreements utilizing BPA's Surplus Firm Power (SP) and Firm Power Products and Service (FPS) power rate schedules that were entered into prior to July 12, 1996, and which include transmission requirements that extend beyond September 30, 1996. This SOP is subject to rulings by courts and regulatory bodies. References in this SOP to Network Integration Transmission Service (NT) and to Point-to-Point Transmission Service (PTP) shall be references to such service as specified in BPA's Open Access Transmission Tariff (OATT), as amended or replaced. References in this SOP to the NT, PTP, Southern Intertie Transmission Rate (IS), Energy Transmission Rate (ET), Ancillary Services and Control Area Services Rate (APS), and Use-of-Facilities Transmission Rate (UFT) shall be to references to the NT-02, PTP-02, IS-02, ET-02, ACS-02 and UFT-02 transmission rate schedules, as amended or replaced.

**SECTION 2
OBLIGATION TO SERVE**

Except as otherwise stated in this document, transmission service provided in accordance with this SOP will accommodate, and be subject to, the provisions of the power sales contracts specified in Exhibit A.

**SECTION 3
TERM**

This Amendatory Agreement No. 2 will amend the Amendatory Agreement No. 1 to the SOP MOA No. 96MS-96060, by replacing such Amendatory Agreement in its entirety effective at 2400 hours on September 30, 2001. This SOP, as amended, will terminate when all contracts specified in Exhibit A have terminated.

**SECTION 4
EXHIBITS**

The following exhibits are hereby attached to this SOP: Exhibit A (Power Sales Contracts Covered by this SOP); Exhibit B (Transmission Demands for Long-Term Power Sales Contracts Specified in Exhibit A); Exhibit C (Transfer Agreements); Exhibit D (Ancillary Services for Contracts Specified in Exhibit A); and Exhibit E (Enabling Agreements).

SECTION 5
DESIGNATION OF TRANSMISSION DEMANDS FOR EXHIBIT A CONTRACTS

5.1. TRANSMISSION DEMANDS FOR POWER SALES CONTRACTS

5.1.1. The Transmission Demand for each month for transmission service associated with the appropriate Power Sales Contracts specified in Exhibit B, will be the sum of the individual Contract Demands for each contract for the month. Such monthly Transmission Demands are as specified in Exhibit B.

5.1.2. The term “Contract Demand,” as used in this document, refers to contract demands, and similar demands, specified in the Power Sales Contracts listed in Exhibit A; such demands are equal to the monthly demands for each individual contract listed in Exhibit B. The term “Transmission Demand,” as used in this document, refers to the PBL’s maximum rights to receive transmission service during the relevant time period under this document and to the TBL’s maximum obligation to provide such service.

5.1.2. Transmission of Return Energy, Option Energy, and Peaking Replacement Energy

5.1.2.1. The PBL may acquire and schedule firm or nonfirm transmission

for the transmission service requirements associated with the return energy, option energy deliveries to the PBL, and peaking replacement energy obligations under the capacity/exchange and sale/exchange agreements specified in Exhibit A. Such firm and nonfirm transmission service requirements will be acquired and scheduled pursuant to the PTP Transmission Service Agreement between the PBL and the TBL, MOA No. 96MS-95363, as amended or replaced (PTP Agreement).

5.1.2.2. If the PBL desires to acquire and schedule hourly nonfirm transmission in a south-to-north direction on the Southern Intertie for the transmission service requirements described in section 5.1.2.1, the PBL may apply the unused portion of the associated Contract Demand specified in Exhibit B to such nonfirm transmission service. Any hourly nonfirm transmission service in excess of the associated Southern Intertie Contract Demand shall be provided to, and paid for by, the PBL pursuant to the nonfirm transmission section of the IS rate schedule.

5.1.2.3. The PBL will not be charged under this SOP for the NT service that is associated with the firm and nonfirm transmission service requirements described in section 5.1.2.1. The TBL will be paid for such service by the PBL, or its customers, pursuant to separate transmission agreements.

- 5.2.** The PBL will have the right for contracts specified in Exhibit B to submit schedules for delivery of power hereunder to the customer specified in the contract as follows: (a) up to the monthly demands associated with a contract; and (2) to the points of delivery (POD) and party stated in each contract. The PBL will not have the right to submit schedules for the delivery of power to third parties or to PODs not specified in the contract.
- 5.3.** Transmission service associated with the contracts specified in Exhibit E will be purchased by the PBL from the TBL in accordance with the terms of the PTP Agreement.

SECTION 6 REVISIONS TO TRANSMISSION DEMANDS

- 6.1.** Transmission Demands will be based solely upon power sales contracts executed prior to July 12, 1996. Corrections to the Transmission Demands will be accommodated to the extent that agreements or demands were inadvertently omitted from Exhibits A or B, or were incorrectly identified.
- 6.2.** Subject to sections 6.1 and 6.5, once determined, increases in Transmission Demands will be allowed only to the extent that an Exhibit A agreement provides an option for increased Contract Demand and such option is exercised. In such case, the PBL will notify the TBL, and the TBL will increase the Transmission Demand, accordingly.
- 6.3.** If a power sales customer reduces a Contract Demand, or terminates an Exhibit A agreement, in accordance with the contract, or a contract terminates in accordance with its terms, the PBL will notify the TBL and the TBL will reduce the Transmission Demand, accordingly.
- 6.4.** If BPA has the right under the contracts specified in Exhibit B to reduce a Contract Demand, terminate a power sales contract, deny a Contract Demand reduction or contract termination request by the power sales customer, or to otherwise exercise discretion, the PBL will consult with and obtain agreement from the TBL prior to BPA deciding to undertake such an action. To the extent that a Contract Demand is reduced or a contract is terminated pursuant to the terms of the contract, the PBL will notify the TBL and the TBL will reduce the

Transmission Demand, accordingly. In the event that the PBL and the TBL cannot agree to an action specified in this section, the matter will be decided by BPA's Chief Operating Officer.

- 6.5.** The TBL has no obligation to reserve transmission capacity for increases in demands for Exhibit A contracts to the extent that BPA is not contractually required to grant such increases. This includes conversion of power sales to seasonal exchanges if the transmission needed for the exchange exceeds, in any manner, the transmission needed for the power sale. Additional transmission will be provided for such increases consistent with the PTP Agreement.
- 6.6.** If the PBL enters into a contract(s) providing for the delivery of power to a customer over the Federal Columbia River Transmission System (FCRTS), or other transmission facilities, and the PBL, or the customer, has not secured the necessary transmission pursuant to BPA's then-current and applicable tariff, or has not secured the necessary transmission from third parties, the PBL shall assume all risks associated with the failure to secure such transmission. Such risks include, but are not necessarily limited to, the risk that the transmission will be unavailable and that BPA will be unable to deliver the power pursuant to the contract or will incur additional expense in doing so. The TBL will not assume such risks.

6.7. RENEGOTIATION OF CONTRACTS SPECIFIED IN EXHIBIT A

6.7.1. In the event that the PBL desires, for economic reasons, to renegotiate a contract(s) specified in Exhibit A, the terms of such renegotiated contract(s) will ensure that the TBL's percentage of reduced revenue from the original contract specified in Exhibit A will be equal to, or less than, the PBL's percentage of reduced revenue from the original contract. For example, if the renegotiated contract reduces the PBL's revenue to ninety percent of its value under the original contract, the TBL's revenue under the renegotiated contract will not be reduced below ninety percent of the value under the original contract; otherwise, the PBL will compensate the TBL for the difference. For the purposes of this section 6.7, termination of a contract will constitute renegotiation of the contract.

6.7.2 Transmission associated with a renegotiated contract will be obtained by the PBL in accordance with the PTP Agreement. Notwithstanding the other provisions of the PTP Agreement, PTP transmission associated with the renegotiated contract can be terminated only upon the mutual agreement of the PBL and the TBL. Such renegotiated contract will not be included in this SOP.

**SECTION 7
RE-MARKETING OF TRANSMISSION**

The PBL will have no right to re-market Transmission Demand associated with the contracts specified in Exhibit A.

**SECTION 8
TRANSMISSION SCHEDULING**

Transmission scheduling will be performed pursuant to the appropriate provisions of the agreements specified in Exhibit A.

**SECTION 9
CHARGES, BILLING, AND ACCOUNTING**

- 9.1.** This SOP will be considered as having a status for billing purposes comparable to the standard transmission agreements between BPA and its utility customers.
- 9.2.** The TBL Billing unit will issue a monthly bill to the PBL for services under this SOP.
- 9.3.** The TBL will charge the PBL the PTP annual/monthly rates times the Billing Demands specified in Exhibit B for service to network PODs, and the IS annual/monthly rates times the Billing Demands specified in Exhibit B for service over the Southern Intertie. The TBL will charge for UFT charges based upon the terms of the individual contracts specified in Exhibit B.
- 9.4.** The PBL will collect Delivery Charge revenue directly from customers associated with the transfer service specified in Exhibit C. The PBL will pay the balance of the costs relating to such transfer service.
- 9.5.** The TBL will assign the appropriate Revenue Information System (RIS) codes. The RIS codes and other pertinent information will be provided to the BPA Finance unit(s). The Finance unit(s) will perform the appropriate accounting between the PBL and the TBL.
- 9.6.** Billing associated with Exhibit B will be based upon the Billing Demands specified in the exhibit. For purposes of the TBL's calculations of available transfer capability, the TBL will subtract from the available transfer capability the "committed use" identified in Exhibit B.
- 9.7.** In the event that the PBL exceeds the Contract Demand associated with a power sales contract on any hour, the PBL will be subject to the Unauthorized Transmission Increase Charges specified in the transmission rate schedules and successor schedules. This section will not apply to demand as corrected pursuant to section 6.1.
- 9.8.** The PBL will provide the TBL the data and other required information that PBL has and the TBL needs in order for the TBL to prepare accurate and timely bills. This information may include, but will not necessarily be limited to, pre-schedule, real time schedule, after-the-fact schedule, and other information.

**SECTION 10
TRANSMISSION LOSSES AND ANCILLARY SERVICES**

10.1. TRANSMISSION LOSSES

The PBL will be responsible for providing sufficient energy to compensate for transmission losses associated with the contracts specified in Exhibit A.

10.2. ANCILLARY SERVICES FOR CONTRACTS SPECIFIED IN EXHIBIT A

The PBL will purchase the ancillary services that are specified in Exhibit D for contracts listed in Exhibit A. The PBL will purchase such ancillary services in accordance with BPA's ACS rate schedule.

**SECTION 11
DISPUTE RESOLUTION**

Any unresolved disputes between the PBL and the TBL concerning contracts entered into prior to July 12, 1996, will be resolved by BPA's Chief Operating Officer.

**SECTION 12
ELECTRIC DISTURBANCES**

If BPA is found to be liable, claims by power sales customers arising from electrical disturbances that result in the obligation by BPA to pay money damages will (a) be the responsibility of the PBL, to the extent that generation facilities were determined to have caused the problem resulting in such damages; and will (b) be the responsibility of the TBL, to the extent that TBL transmission facilities were determined to have caused the problem resulting in such damages.

**SECTION 13
OTHER PRINCIPLES**

The following principles will be applicable to the TBL and PBL and will be restated, as appropriate, in other arrangements between the PBL and the TBL including, for example, the PTP Agreement.

13.1. POWER SALES CONTRACTS EXECUTED ON OR AFTER JULY 12, 1996

For power sales contracts executed on or after July 12, 1996, with deliveries commencing after September 30, 1996, the PBL will obtain, and will pay for, PTP or NT transmission service from the TBL under separate arrangements.

13.2. OPERATIONAL INFORMATION

The TBL will make available to the PBL, consistent with FERC Orders 888 and 889, as replaced or modified, the operational information that the PBL requires for its day-to-day business operations. Such information will include billing, scheduling, operating reserve, project generation, and other such information

related to PBL transactions. The information may be revised by the agreement of the PBL and the TBL.

13.3. TRANSFER AGREEMENTS

- 13.3.1. Subject to section 9, all transfer and transmission services acquired by BPA under the transfer agreements listed in Exhibit C, and charges therefor to be paid by BPA, shall be administered and paid for by the PBL.
- 13.3.2. All transfer and transmission services provided by BPA under the transfer agreements listed in Exhibit C, and payments therefor to be paid to BPA, shall be administered by and paid to the TBL.
- 13.3.3. Any other issues arising under BPA's transfer agreements listed in Exhibit C shall be administered jointly by the PBL and the TBL. The PBL and the TBL may subsequently agree to designate one business line as the responsible entity to administer a specific issue or contract term. The PBL and the TBL will seek, consistent with FERC Orders 888 and 889, as modified or replaced, to minimize for the non-BPA party any administrative burden that BPA's functional separation may cause such party.
- 13.3.4. To the extent that a BPA rate case mandates treatment of transfer charges in a manner different from that reflected in this section 13.3, this section will be amended, accordingly, by the PBL and the TBL.

13.4. TRANSMISSION ARRANGEMENTS BETWEEN THE PBL AND THE TBL FOR PACIFIC NORTHWEST COORDINATION AGREEMENT (PNCA) TRANSACTIONS

- 13.4.1. Subject to the other provisions of this section 13.4, the PBL will acquire transmission service from the TBL under the PTP Agreement for all PNCA power to be provided by the BPA Administrator. Such service shall be paid for by the PBL.
- 13.4.2. Nonfirm transmission may be used for such PNCA transactions.
- 13.4.3. Transmission schedules for PNCA transactions will be allowed in accordance with the PNCA in effect on 9/1/96 except that, commencing on the effective date of the 1997 PNCA, transmission will be purchased pursuant to the PTP Agreement.
- 13.4.4. The PBL must acquire transmission for all exports of power under the PNCA. This may be accomplished by using rights to BPA's or another PNCA party's firm transmission contract that provides for such use or by acquiring additional transmission from the TBL or other entities.

13.4.5. For PNCA imports, no network transmission is required beyond that established for the disposition of such energy.

13.5. TRANSMISSION ARRANGEMENTS BETWEEN THE PBL AND THE TBL FOR OTHER OPERATIONAL TRANSACTIONS

13.5.1. Transactions for which firm transmission or non-firm transmission will be provided pursuant to Exhibit B

13.5.1.1. Columbia River Treaty Entity Agreement on Aspects of the Delivery of the Canadian Entitlement for April 1, 1998, through September 15, 2024, between the Canadian Entity and the United States Entity, executed on November 20, 1996, (1996 Entity Agreement).

13.5.1.1.1. BPA is responsible for meeting all of the power requirements of the United States Government under the Columbia River Treaty. Provisions for return of the Canadian Entitlement by BPA to B.C. Hydro at the U.S.-B.C. border are contained in the 1996 Entity Agreement.

13.5.1.1.2. The provisions of the 1996 Entity Agreement are grandfathered under this SOP. On March 29, 1999, the U.S. Entity and the Canadian Entity entered into a 1999 Entity Agreement that amends and restates the 1996 Entity Agreement. The PBL and the TBL agree that the 1999 Entity Agreement incorporates the same provisions for the return of the Canadian Entitlement to the US-BC border that are included in the 1996 Entity Agreement and that such provisions remain grandfathered under this SOP. In addition, the 1999 Entity Agreement includes provisions for the return of the Canadian Entitlement that will have previously been disposed of in the United States pursuant to the Disposal Agreement, which was executed by the U.S. Entity and the Canadian Entity on March 29, 1999, as well as any implementing agreements entered pursuant to the Disposal Agreement. All BPA obligations associated with such additional provisions in the Entity Agreement that relate to the Disposal Agreement are exclusively the responsibility of the PBL.

13.5.1.1.3. The TBL's obligation to provide firm transmission service for the return of the Canadian Entitlement to the US-BC border is included in the transmission demand numbers specified in Exhibit B of this SOP.

Subject to section 13.5.1.1.4, the PBL may request, upon sixty (60) days written notice, a reduction in such demands. Such reduction request shall be in a flat amount for the remainder of the term of the Entity Agreement.

13.5.1.1.4. The agreement by the TBL to such a request specified in section 13.5.1.1.3 shall be subject to the PBL entering into an individual PTP arrangement with the TBL pursuant to the PTP Agreement. The arrangement shall be based upon the PTP section of BPA's OATT, the associated rates, and the PTP Agreement. The transmission demand established in such PTP arrangement shall be in an amount equal to the maximum monthly amount of reduction in the Entity Agreement Transmission Demand under this SOP.

13.5.1.1.5. All BPA obligations under the Disposal Agreement are exclusively the obligations of the PBL. Any transmission associated with the Disposal Agreement shall be acquired by the PBL, or by another Eligible Customer, pursuant to the OATT.

13.5.1.1.6. To the extent that Transmission Demands under this SOP, the PTP Agreement, or any other contract, that are associated with the return of the Canadian Entitlement to the US-BC border are reduced or terminated by the PBL, or any other entity, the TBL will be under no obligation to continue to hold transmission or otherwise make transmission available for the PBL, or any other entity, to the US-BC border. All risk associated with acquiring additional transmission service to the US-BC border will be borne by the PBL.

13.5.1.1.7. The PBL agrees that it will convert most of the Canadian Entitlement transmission specified in this SOP to the PTP Agreement as the amounts of Transmission Demand associated with the return of the Canadian Entitlement increase over time.

13.5.1.1.8. The Entity Agreement states, among other things, that "deliveries of the Entitlement Delivery Amount shall not be interrupted or curtailed except for reasons of uncontrollable force or maintenance and then only on the same basis as deliveries of firm power from the Federal River Columbia Power System to Pacific Northwest customers of BPA or any

successor.” The PBL and the TBL will interpret and apply the requirements for curtailment and interruption under the Entity Agreement as equivalent to the requirements for curtailments and interruptions under the PTP Agreement.

13.5.1.1.9. It is the PBL’s responsibility to calculate the amount of the Canadian Entitlement, to provide, obtain, and schedule an amount of generation and transmission of the Federal River Columbia Power System necessary to deliver the Canadian Entitlement, and to pay for the transmission of the Canadian Entitlement.

13.5.1.1.10. It is the TBL’s responsibility to provide firm transmission service under this SOP and the PTP Agreement to deliver the Canadian Entitlement to the US-BC border under the Columbia River Treaty. The PBL and the TBL agree that the calculation of the amount of the Canadian Entitlement is made year-by-year on a prospective basis and the total amount of such capacity under this SOP and under the PTP after year 2003 may fluctuate between 1100 MW and 1500 MW. The demand amounts specified in Exhibit B that are associated with the Entity Agreement can be revised on an annual basis, upon the agreement of the PBL and TBL, to reflect changes in the PBL’s delivery obligations. However, once transmission is converted from this SOP to the PTP Agreement, the PBL is obligated to pay for such transmission pursuant to the PTP Agreement.

13.5.1.1.11. The TBL will provide firm transmission capability necessary to deliver 11/14ths of the Canadian Entitlement to the US-BC border over the westside Northern Intertie and 3/14ths of the Canadian Entitlement to the US-BC border over the eastside Northern Intertie.

13.5.1.1.12. Curtailments of firm transmission service associated with the return of the Canadian Entitlement will be made on a pro rata basis with all firm transmission service provided by the TBL that can reasonably address the problem causing the curtailment of such firm transmission service.

13.5.1.2. Columbia Storage Power Exchange Agreement CSPE. The charge for transmission associated with this agreement to be paid to the TBL by the PBL’s customers will be \$1.50 per

kilowatt per year. This agreement will terminate on 2400 hours March 31, 2003.

13.5.2. Transactions for which nonfirm transmission will be provided

To the extent that the PBL is required to acquire transmission service for the agreements specified in section 13.5.2.1 through 13.5.2.8, such transmission will be acquired pursuant to the terms of the PTP Agreement. Scheduling and curtailment of power will be handled as specified in each agreement.

13.5.2.1. Canadian Entitlement Allocation Agreement, Contract Nos. 14-03-47451; 14-03-47452; 14-03-47453; 14-03-47454; and 14-03-47455.

13.5.2.2. Canadian Entitlement Allocation Extension Agreement, Contract Nos. 97BP-10099; 97BP-10100; 97BP-10101; 97BP-10102; and 97BP-10103.

13.5.2.3. Non Treaty Storage Agreements

13.5.2.3.1 . Agreements Executed by BPA and British Columbia Hydro and Power Authority relating to the (a) Use of Columbia River Non-Treaty Storage; and (b) Mica and Arrow Reservoir Refill Enhancement; and (c) Initial Filling of Non-Treaty Reservoirs, Contract No. DE-MS79-90BP92754.

13.5.2.3.2. Contract Executed by BPA and Mid-Columbia Participants Relating to Federal and Canadian Columbia River Storage, Contract No. DE-MS79-87BP92785.

13.5.2.4. Agreement for Hourly Coordination of Projects on the Mid-Columbia River, Contract No. DE-MS79-87BP92401, as extended or replaced.

13.5.2.5. Agreement Executed by the Department of the Army and the Public Utility District No. 1 of Pend Oreille County, Washington (Pend Oreille), Regarding the Method for Scheduling Replacement Amounts of Encroachment Power and Energy to the Federal Transmission System Affecting the Albeni Falls Encroachment, Contract No. DA-45-108-ENG2218.

13.5.2.6. Upper Baker Replacement Agreement, Contract No. DE-MS79-80BP90011.

13.5.2.7. Agreement Executed by BPA and the Public Utility District No. 1 of Douglas County (District) Regarding the Method for Scheduling Replacement Amounts of Encroachment Power and Energy to the Federal Transmission System in Accordance with the Agreement Entitled "Power Loss from Wells Project Encroachment on Chief Joseph Dam," Between the Corps of Engineers and the District, Contract No. 14-03-75982.

13.5.2.8. AC Intertie Agreement, Contract No. DE-MS79-94BP94332, (transmission associated with the original twenty-year (20) summer storage provisions).

13.6. ANCILLARY SERVICES AND CONTROL AREA SERVICES

Unless purchased by the PBL or the customer under a separate document, the PBL will purchase all required ancillary services and control area services associated with all power transmitted by the TBL for the PBL under MOA No. 96MS-95363 and this MOA No. 96MS-96060.

13.6.1 To the extent that the PBL is required to acquire ancillary services for the agreements specified in section 13.6.1.1 and 13.6.1.2, such ancillary services will be acquired pursuant to the terms of the PTP Agreement.

13.6.1.1 PBL will purchase Regulation and Frequency Response Service for the following customers.

1. City of Troy PSC #10173
2. Glacier Electric Cooperative PSC #10137
3. Lincoln Electric Cooperative PSC #10174
4. Mission Valley Power PSC #10175
5. Missoula Electric Cooperative PSC #10171
6. Vigilante Electric Cooperative PSC #10172
7. Ravalli County Electric Cooperative PSC #10138

13.6.1.2 PBL will purchase Operating Reserves (Spinning and Supplemental) for the following customers

1. City of McMinnville PSC #10310
2. Clatskanie PUD PSC #10440
3. Columbia River PUD PSC #10307D
4. Eugene Water & Electric Board PSC #10308
5. N. Wasco PUD PSC #10311
6. Springfield Utility Board PSC #10316
7. City of Forest Grove PSC #10309
8. Tillamook County PUD PSC #10312

13.6.2 PBL will purchase interruptible reserves for all power transmitted by the TBL for the PBL that is interruptible.

13.7. ENERGY SERVICES INC. VANSYCLE WIND PROJECT

Transmission of the electric power output of the Vansycle Wind Project to PBL loads will be covered under the definition of “Federal Resources” listed in the PBL’s requirement customer’s NT agreements with the TBL.

13.8 TREATMENT OF FEDERAL RESOURCES FOR NT CUSTOMERS

a) PBL and TBL agree that the long-term rights to move federal generation will be determined under a Network Service Memorandum of Understanding 02TX-10925.

b) Scheduling of Non-Network Resources is determined under the Network Service Memorandum of Understanding 02TX-11030.

13.9 DYNAMIC SCHEDULE ON THE COI

PBL will have rights to 200 MW of dynamic schedule until September 2024 across TBL's share of the COI. The dynamic schedule will sink with the CAISO and is currently only capable of non-regulation products.

13.10 PBL TRANSMISSION LOSS ENERGY PRODUCT

The PBL will make a transmission loss energy product available to transmission customers of the TBL through FY05 as specified in Exhibit A.

To the extent that the PBL sells energy to TBL customers for the purpose of returning energy losses to the TBL, and the TBL agrees to bill the customers for such energy, the TBL will provide a credit under this SOP to the PBL on its monthly bill for the dollar amounts received by the TBL.

13.11 IRRIGATION PUMPING POWER

Irrigation pumping power, identified in BPA’s 1995 rate case (i.e., the costs of facilities associated with connecting generation resources to the transmission network), will be addressed in future rate cases and will be applied, accordingly, to the PBL and to the TBL.

IN WITNESS WHEREOF, the duly authorized representatives of the TBL and the PBL have signed this amended SOP MOA.

UNITED STATES OF AMERICA
Department of Energy
Bonneville Power Administration

TRANSMISSION BUSINESS LINE

By: /S/ ALLAN F PASCHKE

Name: Allan F. Paschke
Print/Type

Title: Transmission Account Executive

Date: 5/22/03

UNITED STATES OF AMERICA
Department of Energy
Bonneville Power Administration

POWER BUSINESS LINE

By: /S/ ANNE E DRAPER

Name: Anne E. Draper
Print/Type

Title: Manager, Transmission & Reserve
 Services

Date: 6/3/03

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Power Sales Contracts Covered by this Statement of Principles

This Revision 2, to Exhibit A, reflects removal of those contracts no longer provided for under this agreement.

Long-Term - Northwest Deliveries

Party	Contract No.	Description	Terminates
PacifiCorp	92497	Capacity Sale	31-Aug-11
Can. Entitlement Return/Treaty		Treaty	15-Sep-24
Centralia Standby Agreement	94666	Standby Service	30-Sep-15

Long-Term - Intertie Deliveries

-- Big Eddy/NOB Deliveries --			
Azusa/Banning/Colton	94811	Exchange	29-Feb-04
Burbank	92411	Sale/Exchange	15-Apr-08
Glendale	92412	Sale/Exchange	15-Apr-08
Pasadena	92413	Sale/Exchange	15-Apr-08
Pasadena	93658	Exchange	30-Apr-15
SCE	92275	Sale/Exchange	15-Jan-02
Riverside	92858	Sale/Exchange	15-Jun-15
Riverside	93958	Exchange	30-Apr-16
-- John Day/COB Deliveries --			
BART	95177	Sale	1-Dec-16

Transmission Demands for Long-Term Power Sales Contracts			Fiscal Year 2002															
Contract Number	Description	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	
Big Eddy Monthly Use			405	317	317	67	67	67	67	170	198	198	198	198	155	67	67	67
John Day Deliveries																		
M-S-R	92499 Sale/Exchange																	
Palo Alto	94508 Capacity/Energy Sale																	
New Energy Ventures (NEV)	95243 SP Sale																	
Bay Area Rapid Transit (BART)	95177 Sale	0	0	0	0	0	0	0	0	0	14	Convrt PTP	0	0	0	0	0	
John Day Monthly Use			0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0
Total John Day/Big Eddy Monthly Use			405	317	317	67	67	67	67	170	198	212	198	198	155	67	67	67
Total Network Billing Demand			1470	1382	1382	1132	1132	1132	1154	1257	1285	1299	1123	1123	1080	992	992	992
Non-Demand Committed Uses																		
Network																		
EWEB	94831 SP Sale																	
John Day																		
NEV (Option)	95243 SP Sale																	
BART (Option) ¹	95177 Sale																	
SCE (NOB/COB) ^{97A131}	92275 Sale/Exchange	250	250	250	Terminate													
Network Committed Use			1720	1632	1632	1132	1132	1132	1154	1257	1285	1299	1123	1123	1080	992	992	992
Nevada-Oregon Border (NOB) Deliveries																		
Azusa	94883 Exchange																	
Azusa/Banning/Colton	94811 Exchange	0	0	0	0	0	0	0	0	28	28	28	28	0	0	0	0	
Anaheim (Suspended) ³	92784 Exchange/Capacity Sale (NOB/COB)																	
Burbank	92411 Sale/Exchange	40	20	20	20	20	20	20	40	40	40	40	40	40	20	20	20	
Glendale	92412 Sale/Exchange	20	10	10	10	10	10	10	20	20	20	20	20	20	10	10	10	
Pasadena	92413 Sale/Exchange	12	6	6	6	6	6	6	12	12	12	12	12	6	6	6		
Pasadena	93658 Exchange								15	15	15	15	15					
Vernon	94672 Sale/Exchange																	
Riverside	92858 Cap. Sale/Cap-Eng Exch (NOB/COB)	23	16	16	16	16	16	16	23	23	23	23	23	23	16	16	16	
Riverside	93958 Exchange (NOB/COB)	60	15	15	15	15	15	15	60	60	60	60	60	60	15	15	15	
SCE	94507 Storage (NOB/COB)																	
SCE ¹	92275 Sale/Exchange (NOB/COB)	250	250	250	Terminate													
WWP (Riverside) ²	94667 Sale																	
NOB Monthly Use			405	317	317	67	67	67	67	170	198	198	198	198	155	67	67	67
California-Oregon Border (COB) Deliveries																		
M-S-R	92499 Sale/Exchange																	
Palo Alto	94508 Capacity/Energy Sale																	
New Energy Ventures (NEV)	95243 SP Sale																	
Bay Area Rapid Transit (BART)	95177 Sale	0	0	0	0	0	0	0	0	0	14	Convrt PTP	0	0	0	0	0	
COB Monthly Use			0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0
Non-Demand Committed Uses																		
NEV (Option)	95243 SP Sale																	
BART (Option) ¹	95177 Sale																	
SCE (NOB/COB)	92275 Sale/Exchange	250	250	250	Terminate													
Total Intertie Monthly Use			405	317	317	67	67	67	67	170	198	212	198	198	155	67	67	67

Transmission Demands for Long-Term Power Sales Contracts			Fiscal Year		2003														
	Contract Number	Description	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04
Big Eddy Monthly Use			67	67	67	170	198	198	198	198	155	67	67	67	67	67	67	170	170
John Day Deliveries																			
M-S-R	92499	Sale/Exchange																	
Palo Alto	94508	Capacity/Energy Sale																	
New Energy Ventures (NEV)	95243	SP Sale																	
Bay Area Rapid Transit (BART)	95177	Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
John Day Monthly Use			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total John Day/Big Eddy Monthly Use			67	67	67	170	198	198	198	198	155	67	67	67	67	67	67	170	170
Total Network Billing Demand			992	992	1542	1623	1651	1476	1459	1459	1416	1328	1328	1328	1328	1328	1350	1453	1453
Non-Demand Committed Uses																			
<i>Network</i>																			
EWEB	94831	SP Sale																	
<i>John Day</i>																			
NEV (Option)	95243	SP Sale																	
BART (Option) ¹	95177	Sale																	
SCE (NOB/COB) ^{9&A131}	92275	Sale/Exchange																	
Network Committed Use			992	992	1542	1623	1651	1476	1459	1459	1416	1328	1328	1328	1328	1328	1350	1453	1453
Nevada-Oregon Border (NOB) Deliveries																			
Azusa	94883	Exchange																	
Azusa/Banning/Colton	94811	Exchange	0	0	0	0	28	28	28	28	0	0	0	0	0	Terminate			
Anaheim (Suspended) ³	92784	Exchange/Capacity Sale (NOB/COB)																	
Burbank	92411	Sale/Exchange	20	20	20	40	40	40	40	40	40	20	20	20	20	20	20	40	40
Glendale	92412	Sale/Exchange	10	10	10	20	20	20	20	20	20	10	10	10	10	10	10	20	20
Pasadena	92413	Sale/Exchange	6	6	6	12	12	12	12	12	12	6	6	6	6	6	6	12	12
Pasadena	93658	Exchange				15	15	15	15	15								15	15
Vernon	94672	Sale/Exchange																	
Riverside	92858	Cap. Sale/Cap-Eng Exch (NOB/COB)	16	16	16	23	23	23	23	23	23	16	16	16	16	16	16	23	23
Riverside	93958	Exchange (NOB/COB)	15	15	15	60	60	60	60	60	60	15	15	15	15	15	15	60	60
SCE	94507	Storage (NOB/COB)																	
SCE ¹	92275	Sale/Exchange (NOB/COB)																	
WWP (Riverside) ²	94667	Sale																	25
NOB Monthly Use			67	67	67	170	198	198	198	198	155	67	67	67	67	67	67	170	195
California-Oregon Border (COB) Deliveries																			
M-S-R	92499	Sale/Exchange																	
Palo Alto	94508	Capacity/Energy Sale																	
New Energy Ventures (NEV)	95243	SP Sale																	
Bay Area Rapid Transit (BART)	95177	Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COB Monthly Use			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Demand Committed Uses																			
NEV (Option)	95243	SP Sale																	
BART (Option) ¹	95177	Sale																	
SCE (NOB/COB)	92275	Sale/Exchange																	
Total Intertie Monthly Use			67	67	67	170	198	198	198	198	155	67	67	67	67	67	67	170	195

Transmission Demands for Long-Term Power Sales Contracts	Contract Number	Description	Fiscal Year												Fiscal Year				
			2005	2006	2006	2006	2006	2006	2006	2006	2006	2006	2006	2006	2007	2007	2007	2007	
			Dec-05	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07
Big Eddy Monthly Use			67	67	67	67	67	170	170	170	170	170	155	67	67	67	67	67	67
John Day Deliveries																			
M-S-R	92499	Sale/Exchange																	
Palo Alto	94508	Capacity/Energy Sale																	
New Energy Ventures (NEV)	95243	SP Sale																	
Bay Area Rapid Transit (BART)	95177	Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
John Day Monthly Use			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total John Day/Big Eddy Monthly Use			67	67	67	67	67	170	170	170	170	170	155	67	67	67	67	67	67
Total Network Billing Demand			1194	1194	1194	1194	1194	1297	1297	1297	1372	1372	1357	1269	1269	1269	1269	1269	1269
Non-Demand Committed Uses																			
<i>Network</i>																			
EWEB	94831	SP Sale																	
<i>John Day</i>																			
NEV (Option)	95243	SP Sale																	
BART (Option) ¹	95177	Sale																	
SCE (NOB/COB) ⁹⁺¹³¹	92275	Sale/Exchange																	
Network Committed Use			1194	1194	1194	1194	1194	1297	1297	1297	1372	1372	1357	1269	1269	1269	1269	1269	1269
Nevada-Oregon Border (NOB) Deliveries																			
Azusa	94883	Exchange																	
Azusa/Banning/Colton	94811	Exchange																	
Anaheim (Suspended) ³	92784	Exchange/Capacity Sale (NOB/COB)																	
Burbank	92411	Sale/Exchange	20	20	20	20	20	40	40	40	40	40	40	20	20	20	20	20	20
Glendale	92412	Sale/Exchange	10	10	10	10	10	20	20	20	20	20	20	10	10	10	10	10	10
Pasadena	92413	Sale/Exchange	6	6	6	6	6	12	12	12	12	12	12	6	6	6	6	6	6
Pasadena	93658	Exchange						15	15	15	15	15							
Vernon	94672	Sale/Exchange																	
Riverside	92858	Cap. Sale/Cap-Eng Exch (NOB/COB)	16	16	16	16	16	23	23	23	23	23	23	16	16	16	16	16	16
Riverside	93958	Exchange (NOB/COB)	15	15	15	15	15	60	60	60	60	60	60	15	15	15	15	15	15
SCE	94507	Storage (NOB/COB)																	
SCE ¹	92275	Sale/Exchange (NOB/COB)																	
WWP (Riverside) ²	94667	Sale																	
NOB Monthly Use			67	67	67	67	67	170	170	170	170	170	155	67	67	67	67	67	67
California-Oregon Border (COB) Deliveries																			
M-S-R	92499	Sale/Exchange																	
Palo Alto	94508	Capacity/Energy Sale																	
New Energy Ventures (NEV)	95243	SP Sale																	
Bay Area Rapid Transit (BART)	95177	Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COB Monthly Use			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Demand Committed Uses																			
NEV (Option)	95243	SP Sale																	
BART (Option) ¹	95177	Sale																	
SCE (NOB/COB)	92275	Sale/Exchange																	
Total Intertie Monthly Use			67	67	67	67	67	170	170	170	170	170	155	67	67	67	67	67	67

Transmission Demands for Long-Term Power Sales Contracts																	Fiscal Year		2008
	Contract Number	Description	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08
Big Eddy Monthly Use			170	170	170	170	170	155	67	67	67	67	67	67	98	98	98	98	98
John Day Deliveries																			
M-S-R	92499	Sale/Exchange																	
Palo Alto	94508	Capacity/Energy Sale																	
New Energy Ventures (NEV)	95243	SP Sale																	
Bay Area Rapid Transit (BART)	95177	Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
John Day Monthly Use			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total John Day/Big Eddy Monthly Use			170	170	170	170	170	155	67	67	67	67	67	67	98	98	98	98	98
Total Network Billing Demand			1372	1372	1372	1372	1372	1357	1269	1269	1269	1269	1269	1269	1300	1300	1300	1300	1300
Non-Demand Committed Uses																			
<i>Network</i>																			
EWEB	94831	SP Sale																	
<i>John Day</i>																			
NEV (Option)	95243	SP Sale																	
BART (Option) ¹	95177	Sale																	
SCE (NOB/COB) ^{9/21/01}	92275	Sale/Exchange																	
Network Committed Use			1372	1372	1372	1372	1372	1357	1269	1269	1269	1269	1269	1269	1300	1300	1300	1300	1300
Nevada-Oregon Border (NOB) Deliveries																			
Azusa	94883	Exchange																	
Azusa/Banning/Colton	94811	Exchange																	
Anaheim (Suspended) ³	92784	Exchange/Capacity Sale (NOB/COB)																	
Burbank	92411	Sale/Exchange	40	40	40	40	40	40	20	20	20	20	20	20	Terminate				
Glendale	92412	Sale/Exchange	20	20	20	20	20	20	10	10	10	10	10	10	Terminate				
Pasadena	92413	Sale/Exchange	12	12	12	12	12	12	6	6	6	6	6	6	Terminate				
Pasadena	93658	Exchange	15	15	15	15	15								15	15	15	15	
Vernon	94672	Sale/Exchange																	
Riverside	92858	Cap. Sale/Cap-Eng Exch (NOB/COB)	23	23	23	23	23	23	16	16	16	16	16	16	23	23	23	23	
Riverside	93958	Exchange (NOB/COB)	60	60	60	60	60	60	15	15	15	15	15	15	60	60	60	60	
SCE	94507	Storage (NOB/COB)																	
SCE ¹	92275	Sale/Exchange (NOB/COB)																	
WWP (Riverside) ²	94667	Sale																	
NOB Monthly Use			170	170	170	170	170	155	67	67	67	67	67	67	98	98	98	98	98
California-Oregon Border (COB) Deliveries																			
M-S-R	92499	Sale/Exchange																	
Palo Alto	94508	Capacity/Energy Sale																	
New Energy Ventures (NEV)	95243	SP Sale																	
Bay Area Rapid Transit (BART)	95177	Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COB Monthly Use			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Demand Committed Uses																			
NEV (Option)	95243	SP Sale																	
BART (Option) ¹	95177	Sale																	
SCE (NOB/COB)	92275	Sale/Exchange																	
Total Intertie Monthly Use			170	170	170	170	170	155	67	67	67	67	67	67	98	98	98	98	98

Transmission Demands for Long-Term Power Sales Contracts			Fiscal Year											2011				
Contract Number	Description	10-Oct	10-Nov	10-Dec	11-Jan	11-Feb	11-Mar	11-Apr	11-May	11-Jun	11-Jul	11-Aug	11-Sep	11-Oct	11-Nov	11-Dec	12-Jan	12-Feb
Network Load-Based Deliveries																		
	PGE (Canby load based)	95273	SP Sale															
	Lower Valley (load based)	94839	SP Sale															
	West Oregon (load based)	94697	SP Sale															
	Network Load-Based Estimated Monthly Demand																	
Network Deliveries																		
	EWEB	94831	SP Sale															
	PacifiCorp	92497	Capacity Sale	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575
	PGE	94626	Capacity Sale															
	WWP (Hawaii only)	92871	Capacity Sale															
	Snohomish (Conservation Transfer)	92795	SP Sale/Conservation															
	Lewis County (Conservation Transfer)	92798	SP Sale/Conservation															
	Mason County (Conservation Transfer)	92797	SP Sale/Conservation															
	Puget Sound Power and Light	92527	Sale/Exchange															
	PacifiCorp (Clark)	94838	Sale															
	Cowlitz	95084	Sale															
	WWP (Clark)	94779	Sale															
	Clark (Ross only)	92759	Sale (partnership program)															
	WWP (Kaiser)	95104	Sale															
	Atochem	95113	Buy/Sale w/Enron															
	Intalco (Apr 15-July 15)	95106	Spring Sale															
	Centralia Standby	94666	Standby Service															
	WWP WNP-1	94519	Exchange															
	Canadian Entitlement Return		Treaty	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
	MPC	90427																
	Non-DSI Network Subtotal			1404	1404	1404	1404	1404	1404	1404	1404	1404	1404	829	829	829	829	829
DSI Deliveries																		
	Columbia Falls	94855	Block Sale															
	Atochem	94856	Block Sale															
	Georgia Pacific	94857	Block Sale															
	Glenbrook Nickel	95110	Block Sale															
	Intalco Aluminum	94860	Block Sale															
	Kaiser Aluminum	94861	Block Sale															
	Oregon Metallurgical Corp.	94863	Block Sale															
	Reynolds	94865	Block Sale															
	DSI Subtotal																	
	Network Monthly Use			1404	1404	1404	1404	1404	1404	1404	1404	1404	1404	829	829	829	829	829
	Network Billing Demand (includes Annual DSI Demand)			1404	1404	1404	1404	1404	1404	1404	1404	1404	1404	829	829	829	829	829
Big Eddy Deliveries																		
	Azusa	94883	Exchange															
	Azusa/Banning/Colton	94811	Exchange															
	Anaheim	92784	Exchange/Capacity Sale (NOB/COB)															
	Burbank	92411	Sale/Exchange															
	Glendale	92412	Sale/Exchange															
	Pasadena	92413	Sale/Exchange															
	Pasadena	93658	Exchange						15	15	15	15	15					
	Vernon	94672	Sale/Exchange															
	Riverside	92858	Cap. Sale/Cap-Eng Exch (NOB/COB)															
	Riverside	93958	Exchange (NOB/COB)	60	15	15	15	15	15	15	60	60	60	60	60	15	15	15
	SCE	94507	Storage (NOB/COB)															
	SCE	92275	Sale/Exchange (NOB/COB)															
	WWP (Riverside)	94667	Sale															
	Big Eddy Monthly Use			60	15	15	15	15	15	15	75	75	75	75	75	60	15	15

Transmission Demands for Long-Term Power Sales Contracts			Fiscal Year										2011					
Contract Number	Description	10-Oct	10-Nov	10-Dec	11-Jan	11-Feb	11-Mar	11-Apr	11-May	11-Jun	11-Jul	11-Aug	11-Sep	11-Oct	11-Nov	11-Dec	12-Jan	12-Feb
John Day Deliveries																		
M-S-R	92499	Sale/Exchange																
Palo Alto	94508	Capacity/Energy Sale																
New Energy Ventures (NEV)	95243	SP Sale																
Bay Area Rapid Transit (BART)	95177	Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
John Day Monthly Use			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total John Day/Big Eddy Monthly Use			60	15	15	15	15	15	75	75	75	75	75	60	15	15	15	15
Total Network Billing Demand			1464	1419	1419	1419	1419	1419	1479	1479	1479	1479	904	889	844	844	844	844
Non-Demand Committed Uses																		
Network																		
John Day																		
Network Committed Use			1464	1419	1419	1419	1419	1419	1479	1479	1479	1479	904	889	844	844	844	844
Nevada-Oregon Border (NOB) Deliveries																		
Azusa	94883	Exchange																
Azusa/Banning/Colton	94811	Exchange																
Anaheim	92784	Exchange/Capacity Sale (NOB/COB)																
Burbank	92411	Sale/Exchange																
Glendale	92412	Sale/Exchange																
Pasadena	92413	Sale/Exchange							15	15	15	15	15					
Pasadena	93658	Exchange																
Vernon	94672	Sale/Exchange																
Riverside	92858	Cap. Sale/Cap-Eng Exch (NOB/COB)																
Riverside	93958	Exchange (NOB/COB)	60	15	15	15	15	15	60	60	60	60	60	60	15	15	15	15
SCE	94507	Storage (NOB/COB)																
SCE	92275	Sale/Exchange (NOB/COB)																
WWP (Riverside)	94667	Sale																
NOB Monthly Use			60	15	15	15	15	15	75	75	75	75	75	60	15	15	15	15
California-Oregon Border (COB) Deliveries																		
M-S-R	92499	Sale/Exchange																
Palo Alto	94508	Capacity/Energy Sale																
New Energy Ventures (NEV)	95243	SP Sale																
Bay Area Rapid Transit (BART)	95177	Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COB Monthly Use			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Demand Committed Uses																		
NEV (Option)	95243	SP Sale																
BART (Option)	95177	Sale																
SCE (NOB/COB) A62	92275	Sale/Exchange																
Total Intertie Monthly Use			60	15	15	15	15	15	75	75	75	75	75	60	15	15	15	15

Transmission Demands for Long-Term Power Sales Contracts			Fiscal Year															
Contract Number	Description	12-Mar	12-Apr	12-May	12-Jun	12-Jul	12-Aug	12-Sep	12-Oct	12-Nov	12-Dec	13-Jan	13-Feb	13-Mar	13-Apr	13-May	13-Jun	13-Jul
Network Load-Based Deliveries																		
	95273	SP Sale																
	94839	SP Sale																
	94697	SP Sale																
		Network Load-Based Estimated Monthly Demand																
Network Deliveries																		
	94831	SP Sale																
	92497	Capacity Sale																
	94626	Capacity Sale																
	92871	Capacity Sale																
	92795	SP Sale/Conservation																
	92798	SP Sale/Conservation																
	92797	SP Sale/Conservation																
	92527	Sale/Exchange																
	94838	Sale																
	95084	Sale																
	94779	Sale																
	92759	Sale (partnership program)																
	95104	Sale																
	95113	Buy/Sale w/Enron																
	95106	Spring Sale																
	94666	Standby Service																
	94519	Exchange																
		Treaty	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
	90427	MPC																
		Non-DSI Network Subtotal	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
DSI Deliveries																		
	94855	Block Sale																
	94856	Block Sale																
	94857	Block Sale																
	95110	Block Sale																
	94860	Block Sale																
	94861	Block Sale																
	94863	Block Sale																
	94865	Block Sale																
		DSI Subtotal																
		Network Monthly Use	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
		Network Billing Demand (includes Annual DSI Demand)	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
Big Eddy Deliveries																		
	94883	Exchange																
	94811	Exchange																
	92784	Exchange/Capacity Sale (NOB/COB)																
	92411	Sale/Exchange																
	92412	Sale/Exchange																
	92413	Sale/Exchange																
	93658	Exchange			15	15	15	15	15						15	15	15	
	94672	Sale/Exchange																
	92858	Cap. Sale/Cap-Eng Exch (NOB/COB)																
	93958	Exchange (NOB/COB)	15	15	60	60	60	60	60	15	15	15	15	15	15	60	60	60
	94507	Storage (NOB/COB)																
	92275	Sale/Exchange (NOB/COB)																
	94667	Sale																
		Big Eddy Monthly Use	15	15	75	75	75	75	75	60	15	15	15	15	15	75	75	75

Transmission Demands for Long-Term Power Sales Contracts			Fiscal Year					2012					Fiscal Year					
Contract Number	Description	12-Mar	12-Apr	12-May	12-Jun	12-Jul	12-Aug	12-Sep	12-Oct	12-Nov	12-Dec	13-Jan	13-Feb	13-Mar	13-Apr	13-May	13-Jun	13-Jul
John Day Deliveries																		
M-S-R	92499	Sale/Exchange																
Palo Alto	94508	Capacity/Energy Sale																
New Energy Ventures (NEV)	95243	SP Sale																
Bay Area Rapid Transit (BART)	95177	Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
John Day Monthly Use			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total John Day/Big Eddy Monthly Use			15	15	75	75	75	75	60	15	15	15	15	15	15	75	75	75
Total Network Billing Demand			844	844	904	904	904	904	889	844	844	844	844	844	844	904	904	904
Non-Demand Committed Uses																		
Network																		
John Day																		
Network Committed Use			844	844	904	904	904	904	889	844	844	844	844	844	844	904	904	904
Nevada-Oregon Border (NOB) Deliveries																		
Azusa	94883	Exchange																
Azusa/Banning/Colton	94811	Exchange																
Anaheim	92784	Exchange/Capacity Sale (NOB/COB)																
Burbank	92411	Sale/Exchange																
Glendale	92412	Sale/Exchange																
Pasadena	92413	Sale/Exchange			15	15	15	15	15						15	15	15	
Pasadena	93658	Exchange																
Vernon	94672	Sale/Exchange																
Riverside	92858	Cap. Sale/Cap-Eng Exch (NOB/COB)																
Riverside	93958	Exchange (NOB/COB)	15	15	60	60	60	60	60	15	15	15	15	15	15	60	60	60
SCE	94507	Storage (NOB/COB)																
SCE	92275	Sale/Exchange (NOB/COB)																
WWP (Riverside)	94667	Sale																
NOB Monthly Use			15	15	75	75	75	75	60	15	15	15	15	15	15	75	75	75
California-Oregon Border (COB) Deliveries																		
M-S-R	92499	Sale/Exchange																
Palo Alto	94508	Capacity/Energy Sale																
New Energy Ventures (NEV)	95243	SP Sale																
Bay Area Rapid Transit (BART)	95177	Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COB Monthly Use			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Demand Committed Uses																		
NEV (Option)	95243	SP Sale																
BART (Option)	95177	Sale																
SCE (NOB/COB) A62	92275	Sale/Exchange																
Total Intertie Monthly Use			15	15	75	75	75	75	60	15	15	15	15	15	15	75	75	75

Transmission Demands for Long-Term Power Sales Contracts			2013												Fiscal Year		2014		
Contract Number	Description	13-Aug	13-Sep	13-Oct	13-Nov	13-Dec	14-Jan	14-Feb	14-Mar	14-Apr	14-May	14-Jun	14-Jul	14-Aug	14-Sep	14-Oct	14-Nov	14-Dec	
John Day Deliveries																			
M-S-R	92499	Sale/Exchange																	
Palo Alto	94508	Capacity/Energy Sale																	
New Energy Ventures (NEV)	95243	SP Sale																	
Bay Area Rapid Transit (BART)	95177	Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
John Day Monthly Use			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total John Day/Big Eddy Monthly Use			75	75	60	15	15	15	15	15	75	75	75	75	75	0	0	0	
Total Network Billing Demand			904	904	889	844	844	844	844	844	904	904	904	904	904	829	829	829	
Non-Demand Committed Uses																			
Network																			
John Day																			
Network Committed Use			904	904	889	844	844	844	844	844	904	904	904	904	904	829	829	829	
Nevada-Oregon Border (NOB) Deliveries																			
Azusa	94883	Exchange																	
Azusa/Banning/Colton	94811	Exchange																	
Anaheim	92784	Exchange/Capacity Sale (NOB/COB)																	
Burbank	92411	Sale/Exchange																	
Glendale	92412	Sale/Exchange																	
Pasadena	92413	Sale/Exchange	15	15							15	15	15	15	15				
Pasadena	93658	Exchange																	
Vernon	94672	Sale/Exchange																	
Riverside	92858	Cap. Sale/Cap-Eng Exch (NOB/COB)																	
Riverside	93958	Exchange (NOB/COB)	60	60	60	15	15	15	15	15	60	60	60	60	60	60	15	15	
SCE	94507	Storage (NOB/COB)																	
SCE	92275	Sale/Exchange (NOB/COB)																	
WWP (Riverside)	94667	Sale																	
NOB Monthly Use			75	75	60	15	15	15	15	15	75	75	75	75	75	60	15	15	
California-Oregon Border (COB) Deliveries																			
M-S-R	92499	Sale/Exchange																	
Palo Alto	94508	Capacity/Energy Sale																	
New Energy Ventures (NEV)	95243	SP Sale																	
Bay Area Rapid Transit (BART)	95177	Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
COB Monthly Use			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Non-Demand Committed Uses																			
NEV (Option)	95243	SP Sale																	
BART (Option)	95177	Sale																	
SCE (NOB/COB) A62	92275	Sale/Exchange																	
Total Intertie Monthly Use			75	75	60	15	15	15	15	15	75	75	75	75	75	60	15	15	

Transfer Agreements

See Memorandum of Agreement No. 02TX-11175.

Ancillary Services For Contracts Specified In Exhibit A

Agreements previously provided for under this Exhibit D have expired.

Revision 2, Exhibit E
1 of 1
MOA 96MS96060
PBL/TBL Statement of Principles
Effective at 2400 hours on September 30, 2001

ENABLING AGREEMENT	CONTRACT NO.	TERM
Burbank, City of	DE-MS79-87BP92385	June 25, 1987 – June 25, 2007
Glendale, City of	DE-MS79-87BP92387	September 1, 1987 – September 1, 2007
Los Angeles Dept. of Water & Power	DE-MS79-86BP92281	June 26, 1986 – June 26, 2006
Pasadena Water and Power Department	DE-MS-79-88BP92462	June 30, 1988 – June 30, 2008
Southern California Edison	DE-MS79-87BP92410	August 1, 1987 – July 31, 2007 (suspended until termination)