MOA No. 96MS-96060

#### 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

#### Index

Section	Description		Page
1.	Nature of the	is Document	2
2.	Obligation to	Serve	2
3.	Term		2
4.	Exhibits		2
5.	Designation	of Transmission Demands	
	for Exhibit A	Contracts	3
6.	Revisions to	Transmission Demands	4
7.	Re-Marketir	ng of Transmission	5
8.	Transmission	n Scheduling	6
9.	Charges, Bil	ling, and Accounting	6
10.	Transmission	n Losses and Ancillary Services	7
11.	Dispute Rese	olution	7
12.	Electric Dist	urbances	7
13.	Other Princi	ples	7
	Exhibit A	(Power Sales Contracts Covered by this State Principles)	ment of
	Exhibit B	(Transmission Demands for Long-Term Power Contracts Specified in Exhibit A)	r Sales
	Exhibit C	(Transfer Agreements)	
	Exhibit D	(Ancillary Services for Contracts Specified in	Exhibit A)
	Exhibit E	(Enabling Agreements)	•

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

### 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**

Long Term Trontin vest Benveries	•		
Party	Contract No.	Description	<b>Terminates</b>
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	$30 ext{-}Apr-15$
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 Yea	r	2002				
Transmission Demands for Long-Term Fower Sales Conducts	Contract										i iscai i ca	!	2002				
	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
Network Load-Based Deliveries									,		70						
PGE (Canby load based)	95273 SP Sale	Terminate															
Lower Valley (load based)	94839 SP Sale	Terminate															
West Oregon (load based)	94697 SP Sale																
Network Load-Based Estimated Monthly Demand																	
Network Deliveries																	
EWEB	94831 SP Sale																
PacifiCorp	92497 Capacity Sale	925	925	925	925	925	925	925	925	925	925	925	925	925	925	925	92
PGE	94626 Capacity Sale	723	723	723	725	720	723	723	720	723	723	720	720	723	723	720	- /2
WWP (Hatwai only)	92871 Capacity Sale																
Snohomish (Conservation Transfer)	92795 SP Sale/Conservation																
Lewis County (Conservation Transfer)	92798 SP Sale/Conservation																
	92796 SP Sale/Conservation																
Mason County (Conservation Transfer)																	
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	Terminate															
Atochem	95113 Buy/Sale w/Enron																
Intalco (Apr 15-July 15)	95106 Spring Sale																
Centralia Standby	94666 Standby Service							22	22	22	22						
WWP WNP-1	94519 Exchange																
Canadian Entitlement Return	Treaty	140	140	140	140	140	140	140	140	140	140	0	0	0	0	0	
MPC	90427 Capacity Sale																
Non-DSI Network Subtotal		1065	1065	1065	1065	1065	1065	1087	1087	1087	1087	925	925	925	925	925	92
DSI Deliveries																	
Columbia Falls	94855 Block Sale																
Atochem	94856 Block Sale	Terminate															
Georgia Pacific <sup>4</sup>	94857 Block Sale	Terminate															
Glenbrook Nickel	95110 Block Sale	Terminate															
Intalco Aluminum <sup>6</sup>	94860 Block Sale	Terminate															
Kaiser Aluminum <sup>7</sup>	94861 Block Sale	Terminate															
Oregon Metallurgical Corp. <sup>5</sup>	94863 Block Sale	Terminate															i
Reynolds <sup>8</sup>	94865 Block Sale	Terminate															
DSI Subtotal																	
Network Monthly Use		1065	1065	1065	1065	1065	1065	1087	1087	1087	1087	925	925	925	925	925	92
Network Billing Demand (includes Annual DSI Demand)		1065		1065	1065	1065		1087	1087			925	925	925	925	925	92
<b>3</b>							1000										
Big Eddy Deliveries																	
Azusa	94883 Exchange																
Azusa/Banning/Colton	94811 Exchange									28	28	28	28				
Anaheim (Suspended) <sup>3</sup>	92784 Exchange/Capacity Sale (NOB/COB)																
Burbank	92411 Sale/Exchange	40		20	20	20		20	40			40			20	20	
Glendale	92412 Sale/Exchange	20		10	10	10	10	10	20	20			20	20	10	10	1
Pasadena	92413 Sale/Exchange	12	6	6	6	6	6	6	12			12			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	23			23		23	16		
Riverside	93958 Exchange (NOB/COB)	60	15	15	15	15	15	15	60	60	60	60		60	15	15	
SCE	94507 Storage (NOB/COB)																
SCE	92275 Sale/Exchange (NOB/COB)	250	250	250 7	Terminate	-											
WWP (Riverside) <sup>2</sup>	94667 Sale																
												<del></del>					

Transmission Demands for Long-Term Power Sales Cor												Fiscal Year	r	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	(
big Eddy Monthly Ose			403	317	311	01	01	07	01	170	130	190	130	130	100	01	07	
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		(	0	0	0	0	0	0	0	0	14 (	Convt PTP	0	0	0	0	
John Day Monthly Use	-		(	0	0	0	0	0	0	0	0	14	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	
Total Network Billing Demand			1470		1382			1132			1285		1123				992	99
Non-Demand Committed Uses																		
Network							-									+		
EWEB	0,4021	SP Sale																
John Day	94831	or salt																-
	05010	CD Colo																
NEV (Option)		3 SP Sale																
BART (Option)	95177					_												
SCE (NOB/COB) 9+A131	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	9
Nevada-Oregon Border (NOB) Deliveries																		
Azusa	94883	B Exchange																
Azusa/Banning/Colton	94811	Exchange	(	0	0	0	0	0	0	0	28	28	28	28	0	0	0	
Anaheim (Suspended) <sup>3</sup>		Exchange/Capacity Sale (NOB/COB)																
Burbank	92411	Sale/Exchange	40	20	20	20	20	20	20	40	40	40	40	40	40	20	20	
Glendale		Sale/Exchange	20		10			10		20	20		20	20	20		10	
Pasadena		B Sale/Exchange	12		6	6	6	6		12			12				6	-
Pasadena		B Exchange		-			0			15			15					
Vernon		2 Sale/Exchange								10	10	10	10	10				
Riverside		R Cap. Sale/Cap-Eng Exch (NOB/COB)	23	16	16	16	16	16	16	23	23	23	23	23	23	16	16	
Riverside	72030	B Exchange (NOB/COB)	60		15			15					60				15	
SCE	93930	7 Storage (NOB/COB)	00	10	13	10	10	13	13	00	00	00	00	00	00	10	13	
SCE SCE			250	250	250	T												
		Sale/Exchange (NOB/COB)	250	250	250	Terminate												
WWP (Riverside) <sup>2</sup>	94667	Sale	10.	0.1=	0.1=					4=0	100	100	100	100	4==			
NOB Monthly Use			405	317	317	67	67	67	67	170	198	198	198	198	155	67	67	(
California-Oregon Border (COB) Deliveries																		
M-S-R	92499	Sale/Exchange																
Palo Alto		B Capacity/Energy Sale																
New Energy Ventures (NEV)	95243	SP Sale																-
Bay Area Rapid Transit (BART)	95177	7 Sale	1	) 0	Λ	0	Λ	0	n	Λ	Λ	1/1	Convt PtP	n	Λ	Λ	Λ	
COB Monthly Use	75111	Suic	(	0	0	Ü	0	0	Ů	0	0	14	0	0	0	0	0	
Non-Demand Committed Uses					-												-	
	05040	) CD Cala																
NEV (Option)		B SP Sale																
BART (Option)	95177		05/	050	252	Tarmalic - t -												
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	

Transmission Demands for Long-Term Power Sales Contracts		Fiscal Year	200	3													
Contract		F.1.00			,			0. 65	0.4.00	N 65	D. 65	1. 6:	F.1.01	M 6:	A 6:		
Number Network Load-Based Deliveries	Description	Feb-03 Mar-0	3 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
	3 SP Sale																
	9 SP Sale																
	7 SP Sale																
	/ SP Sale																
Network Load-Based Estimated Monthly Demand																	
Network Deliveries																	
EWEB 9483	1 SP Sale																
PacifiCorp 9249	7 Capacity Sale	925	925 925	925	925	750	750	750	750	750	750	750	750	750	750	750	750
PGE 9462	6 Capacity Sale																
	1 Capacity Sale																
	5 SP Sale/Conservation																
	8 SP Sale/Conservation																
	7 SP Sale/Conservation																
	7 Sale/Exchange																-
	8 Sale																
	4 Sale			1													-
	9 Sale			1													
	9 Sale (partnership program)																
	4 Sale																
	3 Buy/Sale w/Enron																
	6 Spring Sale																
	6 Standby Service		22	2 22	22	2 22	,								22	22	22
	9 Exchange		2.	22			-								22	22	
Canadian Entitlement Return	Treaty	0	0 528	3 506	506	506	511	511	511	511	511	511	511	511	511	511	511
	7 Capacity Sale	0	0 320	300	300	300	311	311	311	JII	311	311	311	311	JII	JII	
Non-DSI Network Subtotal	Capacity Sale	925	925 1479	5 1453	1453	1278	1261	1261	1261	1261	1261	1261	1261	1261	1283	1283	1283
NOTI-DOT NELWORK SUBLOIDE		923	923 147.	1433	1433	1270	1201	1201	1201	1201	1201	1201	1201	1201	1203	1203	1200
DSI Deliveries																	
Columbia Falls 9485	5 Block Sale																
Atochem 9485	6 Block Sale																
Georgia Pacific <sup>4</sup> 9485	7 Block Sale																
	0 Block Sale																
	0 Block Sale																
	1 Block Sale																
	3 Block Sale																
Reynolds <sup>8</sup> 9486	5 Block Sale																
DSI Subtotal																	
Network Monthly Use		925	925 147					1261	1261		1261	1261	1261	1261		1283	1283
Network Billing Demand (includes Annual DSI Demand)		925	925 147	5 1453	1453	1278	1261	1261	1261	1261	1261	1261	1261	1261	1283	1283	1283
Big Eddy Deliveries																	
Azusa 9488.	3 Exchange																
Azusa/Banning/Colton 9481	1 Exchange				28	3 28	28	28						Terminate			
Anaheim (Suspended) <sup>3</sup> 9278	4 Exchange/Capacity Sale (NOB/COB)			1													
	1 Sale/Exchange	20	20 20	0 40	40	40	40	40	40	20	20	20	20	20	20	40	40
Glendale 9241	2 Sale/Exchange	10	10 10				20				10						20
Pasadena 9241:	3 Sale/Exchange	6	6	5 12							6	6	6	6	6	12	12
Pasadena 9365	8 Exchange			15	15		15	15								15	15
	2 Sale/Exchange																
	8 Cap. Sale/Cap-Eng Exch (NOB/COB)	16	16 10						23								23
Riverside 9395	8 Exchange (NOB/COB)	15	15 1!	5 60	60	60	60	60	60	15	15	15	15	15	15	60	60
SCE 9450'	7 Storage (NOB/COB)																·
SCE 9 9227	5 Sale/Exchange (NOB/COB)																·
WWP (Riverside) <sup>2</sup> 9466	7 Sale																
				1	1	1											

Transmission Demands for Long-Term Power Sales Contracts		Fiscal Year		2003								1	T					
Cor	ract	i iscai i cai		2003														
	ber 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	7 6	67	170	198	198	198	198	155	67	67	67	67	67	67	170	17
Like Dee Delkerster																		
John Day Deliveries	22.400 Cala/Firehaira																	
	92499 Sale/Exchange																	
	94508 Capacity/Energy Sale																	
	95243 SP Sale			0 0							0	0	0	0	0		0	
	95177 Sale	(	,	0 0	0	0	, o	0	0	0	Ü	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		67		67	170					155		67	67	67	67	67		17
Total Network Billing Demand		992	2 99	1542	1623	1651	1476	1459	1459	1416	1328	1328	1328	1328	1328	1350	1453	1453
Non-Demand Committed Uses																		
Network																		
	94831 SP Sale																	
John Day																		
	95243 SP Sale																	
BART (Option)	95177 Sale																	
	02275 Sale/Exchange																	
Network Committed Use		992	2 99	1542	1623	1651	1476	1459	1459	1416	1328	1328	1328	1328	1328	1350	1453	1453
Nevada-Oregon Border (NOB) Deliveries																		
	94883 Exchange																	
Azusa/Banning/Colton	94811 Exchange		1	0 0	0	28	3 28	28	28	0	0	0	0	0	Terminate			
Anaheim (Suspended) <sup>3</sup>	22784 Exchange/Capacity Sale (NOB/COB)		)	0 0	U	20	20	20	20	U	U	U	U	U	Тепппасе			
Burbank	22411 Sale/Exchange	20	) 7	20 20	40	40	40	40	40	40	20	20	20	20	20	20	40	40
	22411 Sale/Exchange	10		0 10	20					20		10	10	10	10	10		20
	92413 Sale/Exchange	10	5	6 6	12					12		10	10	10	10	10	12	12
Pasadena	93658 Exchange	(	)	0 0	15					12	0	0	0	0	0	0	15	15
Pasauella	94672 Sale/Exchange				13	13	15	10	13								15	10
Vernon Diverside	22050 Con Solo/Con Fng Evol (NOD/COD)	1/	1 1	/ 1/	22	22	22	22	22	22	1/	1/	1/	1/	1/	1/	22	2'
Riverside	22858 Cap. Sale/Cap-Eng Exch (NOB/COB)	16		6 16						23		16	16	16	16	16		23
	23958 Exchange (NOB/COB)	15	) 1	5 15	60	60	60	60	60	60	15	15	15	15	15	15	60	60
SCE	94507 Storage (NOB/COB)																	
	22275 Sale/Exchange (NOB/COB)																	
	94667 Sale																	25
NOB Monthly Use		67	7 6	67	170	198	198	198	198	155	67	67	67	67	67	67	170	195
California-Oregon Border (COB) Deliveries																		
	92499 Sale/Exchange																	
	04508 Capacity/Energy Sale																	
	95243 SP Sale																	
Bay Area Rapid Transit (BART)	75243 SP Sale P5177 Sale		)	0 0	0	0	1	0	0	Λ	0	Λ	Λ	Λ	Λ	Λ	Λ	
COB Monthly Use	73177 Sale	0	)	0 0	0	0		0	0	0	0	0	0	0	0	0	0	
Non-Demand Committed Uses	DE 242 CD Colo							-										
NEV (Option)	95243 SP Sale																	
	95177 Sale																	
SCE (NOB/COB)	2275 Sale/Exchange		1															
Total Intertie Monthly Use		67	7 6	67	170	198	198	198	198	155	67	67	67	67	67	67	170	19
			1															
			1															

Transmission Demands for Long-Term Power Sales Contra	racts	Fiscal Yea	ır	2004				F	iscal Year		2005							
3	Contract							-										
	Number Description	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05
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	575	575
PGE	94626 Capacity Sale										0.0							
WWP (Hatwai 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													<del> </del>				
WWP (Clark)	94779 Sale																	
	92759 Sale (partnership program)																	
Clark (Ross only) WWP (Kaiser)	92759 Sale (partnersnip program) 95104 Sale																	
Atochem	95104 Sale 95113 Buy/Sale w/Enron																	
Intalco (Apr 15-July 15)	95106 Spring Sale																	
Centralia Standby	94666 Standby Service	22	Terminated															
WWP WNP-1	94519 Exchange	22	reminated															
Canadian Entitlement Return	Treaty	511	511	511	511	511	511	511	511	511	511	511	511	511	552	552	552	552
MPC		311	311	511	311	511	511	311	311	311	311	311	311	311	332	552	332	332
	90427 Capacity Sale	4400	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4407	4407	4407	440
Non-DSI Network Subtotal		1108	1086	1086	1086	1086	1086	1086	1086	1086	1086	1086	1086	1086	1127	1127	1127	1127
DSI Deliveries																		
Columbia Falls	94855 Block Sale																	
Atochem	94856 Block Sale																	
Georgia Pacific <sup>4</sup>	94857 Block Sale																	
Glenbrook Nickel	95110 Block Sale																	
Intalco Aluminum <sup>6</sup>	94860 Block Sale																	
Kaiser Aluminum <sup>7</sup>	94861 Block Sale																	
Oregon Metallurgical Corp. <sup>5</sup>	94863 Block Sale																	
Reynolds <sup>8</sup>	94865 Block Sale																	
DSI Subtotal																		
Network Monthly Use		1108				1086	1086	1086	1086	1086			1086			1127	1127	1127
Network Billing Demand (includes Annual DSI Demand)		1108	1086	1086	1086	1086	1086	1086	1086	1086	1086	1086	1086	1086	1127	1127	1127	1127
Die Edde Deliceries																		
Big Eddy Deliveries	04002 Eyehenge																	
Azusa Azusa/Banning/Colton	94883 Exchange 94811 Exchange																	
Anaheim (Suspended) <sup>3</sup>	92784 Exchange/Capacity Sale (NOB/COB)	+																
Burbank	92411 Sale/Exchange	40	40	40	40	20	20	20	20	20	20	40	40	40	40	40	40	20
Glendale	92411 Sale/Exchange	20				10	10	10	10	10						20		1(
Pasadena	92413 Sale/Exchange	12					10 A	6	6	10	ال ا	12				12		10
Pasadena Pasadena	93658 Exchange	15				0	0	U	U	0	0	15				15		(
Vernon	94672 Sale/Exchange	13	13	13								10	13	13	10	10		
Riverside	92858 Cap. Sale/Cap-Eng Exch (NOB/COB)	23	23	23	23	16	16	16	16	16	16	23	23	23	23	23	23	16
Riverside	93958 Exchange (NOB/COB)	60				15	15	15	15	15			60			60		15
SCE	94507 Storage (NOB/COB)	00	00	00	00	1.0	13	1.0	10	10	13	00	00	00	00	00	00	1.
SCE	92275 Sale/Exchange (NOB/COB)													<del> </del>				
WWP (Riverside) <sup>2</sup>	94667 Sale																	
····· (roisido)	71007 Julio																	
			I	1					1		i l			1				

Transmission Demands for Long-Term Power Sales Con	ntracts	Fiscal Year		2004					Fiscal Year		2005							
-	Contract																	
	Number Description	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05
Big Eddy Monthly Use		170	170	170	155	67	67	67	67	67	67	170	170	170	170	170	155	(
John Day Deliveries	00.400 C 1 /5																	
M-S-R	92499 Sale/Exchange																	
Palo Alto	94508 Capacity/Energy Sale																	
New Energy Ventures (NEV)	95243 SP Sale					0	0	0	0					0	0		0	
Bay Area Rapid Transit (BART)	95177 Sale	0	(	) 0	0	0	0	0	Ů	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	
Total John Day/Big Eddy Monthly Use		170	170	170	155	67	67	67	67	67	67	170	170	170	170	170	155	(
Total Network Billing Demand		1278	1256	1256	1241	1153	1153	1153	1153	1153	1153	1256	1256	1256	1297	1297	1282	119
Non-Demand Committed Uses																		
Network																		
EWEB	94831 SP Sale																	
John Day	71031 31 3410																	
NEV (Option)	95243 SP Sale																	
BART (Option)	95177 Sale																	
SCE (NOB/COB) 9+A131	92275 Sale/Exchange																	
SCE (NOBICOB)	72273 Sale/LACITATIVE																	
Network Committed Use		1278	1256	1256	1241	1153	1153	1153	1153	1153	1153	1256	1256	1256	1297	1297	1282	119
Nevada-Oregon Border (NOB) Deliveries																		
Azusa	94883 Exchange																	
Azusa/Banning/Colton	94811 Exchange																	
Anaheim (Suspended) <sup>3</sup>	92784 Exchange/Capacity Sale (NOB/COB)																	
Burbank	92/04 Exchange 92411 Sale/Exchange	40	40	) 40	40	20	20	20	20	20	20	40	40	40	40	40	40	
Glendale	92411 Sale/Exchange	20	20			10	10	10			10		20					
	92412 Sale/Exchange 92413 Sale/Exchange						10	10	_	10	10							
Pasadena	92413 Sale/Exchange	12	12			0	Ö	D	6	O	0	12	12					
Pasadena	93658 Exchange	15	15	15	1							15	15	15	15	15		
Vernon	94672 Sale/Exchange	00	0.0		0.0	4.4	4.4	4.	4.4	4.4	4.1	00	00	00	0.0	0.0	00	
Riverside	92858 Cap. Sale/Cap-Eng Exch (NOB/COB)	23	23			16	16	16			16		23					
Riverside	93958 Exchange (NOB/COB)	60	60	) 60	60	15	15	15	15	15	15	60	60	60	60	60	60	
SCE	94507 Storage (NOB/COB)																	
SCE '	92275 Sale/Exchange (NOB/COB)																	
WWP (Riverside) <sup>2</sup>	94667 Sale	25																
NOB Monthly Use		195	170	170	155	67	67	67	67	67	67	170	170	170	170	170	155	(
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	
COB Monthly Use		0	(	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Non-Demand Committed Uses																	1	
NEV (Option)	95243 SP Sale																	
BART (Option)	95177 Sale																	
SCE (NOB/COB)	92275 Sale/Exchange																	
Total Intertio Monthly Loc		405	470	170	455	67	67	67	67	67	67	470	470	470	470	470	AEE	
Total Intertie Monthly Use		195	170	170	155	67	67	6/	67	67	67	170	170	170	170	170	155	(

Transmission Demands for Long-Term Power Sales Contract	S									Fiscal Year		2006					Fiscal Year		2007
	Contract												-						
	Number	Description	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
Network Load-Based Deliveries																			
PGE (Canby load based)		SP Sale																	
Lower Valley (load based)		SP Sale																	
West Oregon (load based)	94697	7 SP Sale																	
Network Load-Based Estimated Monthly Demand																			
Network Deliveries																			
EWEB	04021	SP Sale																	
PacifiCorp		7 Capacity Sale	575	575	575	575	575	575	575	575	575	575	575	575	5 575	575	575	575	575
PGE		Capacity Sale	373	373	373	373	373	373	373	373	373	373	373	373	373	373	3/3	373	- 370
WWP (Hatwai only)		Capacity Sale																	
Snohomish (Conservation Transfer)		SP Sale/Conservation																	
Lewis County (Conservation Transfer)		B SP Sale/Conservation																	
Mason County (Conservation Transfer)		7 SP Sale/Conservation																	
		7 Sale/Exchange																	
Puget Sound Power and Light	94838																		
PacifiCorp (Clark)	94838																		
Cowlitz WWP (Clark)	95084																		
Clark (Ross only)		Sale (partnership program)																	
	92759																		
WWP (Kaiser) Atochem		B Buy/Sale w/Enron																	
Intalco (Apr 15-July 15)		Spring Sale																	
Centralia Standby	93100	Standby Service																	
WWP WNP-1	94000	Exchange																	
Canadian Entitlement Return	74317	Treaty	552	552	552	552	552	552	552	552	627	627	627	627	627	627	627	627	627
MPC	90427	7 Capacity Sale	332	332	332	332	332	332	. 332	332	021	027	021	021	021	021	021	027	027
Non-DSI Network Subtotal	70427	Capacity Saic	1127	1127	1127	1127	1127	1127	1127	1127	1202	1202	1202	1202	1202	1202	1202	1202	1202
Non Bornetwork Gubtotul			1127	1121	1121	1121	1121	1121	1127	1127	1202	1202	1202	1202	1202	1202	1202	1202	1202
DSI Deliveries																			
Columbia Falls	94855	Block Sale																	
Atochem		Block Sale																	
Georgia Pacific 4		7 Block Sale																	
Glenbrook Nickel		) Block Sale																	
Intalco Aluminum <sup>6</sup>		Block Sale																	
Kaiser Aluminum <sup>7</sup>		Block Sale																	
Oregon Metallurgical Corp. 5		Block Sale																	
Reynolds <sup>8</sup>	94865	Block Sale																	
DSI Subtotal																			
Network Monthly Use			1127	1127	1127	1127	1127	1127	1127	1127	1202	1202	1202	1202	2 1202	1202	1202	1202	1202
Network Billing Demand (includes Annual DSI Demand)			1127	1127	1127	1127	1127	1127		1127	1202 1202		1202 1202	1202 1202					1202
Network Dining Demand (includes Annual Doi Demand)			1121	1121	1121	1121	1121	1121	1121	1127	1202	1202	1202	1202	1202	1202	1202	1202	1202
Big Eddy Deliveries																			
Azusa	94883	B Exchange																	
Azusa/Banning/Colton	94811	Exchange																	
Anaheim (Suspended) <sup>3</sup>	92784	Exchange/Capacity Sale (NOB/COB)																	
Burbank		Sale/Exchange	20		20	20	20	40		40	40								
Glendale	92412	Sale/Exchange	10	10	10	10	10	20		20	20				10	10	10	10	10
Pasadena		B Sale/Exchange	6	6	6	6	6	12		12	12			(	6	6	6	6	6
Pasadena		B Exchange						15	15	15	15	15							
Vernon	946/2	Sale/Exchange Cap. Sale/Cap-Eng Exch (NOB/COB)	1/	1.4	1.4	1/	1/	າາ	22	22	າາ	22	າາ	1/	1/	1/	1/	1/	16
Riverside Riverside		Exchange (NOB/COB)	16		16 15	16	16 15	23		23 60	23								16
SCE	93958	7 Storage (NOB/COB)	15	15	15	15	10	00	60	OU	00	00	00	15	15	15	15	15	
SCE SCE	94507	Sale/Exchange (NOB/COB)																	
WWP (Riverside) <sup>2</sup>	94667																		
THE (THEODING)	74007	Suic																	
																			-
	1													1	1	1	I		

Transmission Demands for Long-Term Power Sales Contracts				Fiscal Year				ar	2006					Fiscal Year		20		
Con																		
Nun	ber Description	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	,
John Day Deliveries																		
M-S-R	92499 Sale/Exchange																Ī .	
	94508 Capacity/Energy Sale																i	
	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	(	)
John Day Monthly Use	73111 Sale	0	0	U	U	0	0	0	0	0	0	0	0	0	0	0		
Total John Day/Big Eddy Monthly Use Total Network Billing Demand		67 1194	67 1194			67 1194	170 1297	170 1297	170 1297		170 1372		67 1269		67 1269			
Non-Demand Committed Uses																		
Network																		
	94831 SP Sale																<u></u>	
John Day																	İ	
	95243 SP Sale																i	
BART (Option)	95177 Sale																<u> </u>	
	92275 Sale/Exchange																	
Network Committed Use		1194	1194	1194	1194	1194	1297	1297	1297	1372	1372	1357	1269	1269	1269	1269	1269	1.
Nevada-Oregon Border (NOB) Deliveries																		
	94883 Exchange																	
Azusa																	<del>                                     </del>	
	94811 Exchange																<del></del>	
Anaheim (Suspended) 3	92784 Exchange/Capacity Sale (NOB/COB)																<del></del>	
	92411 Sale/Exchange	20	20			20	40		40		40							
	92412 Sale/Exchange	10	10	10	10	10	20		20		20			10	10	10	10	)
Pasadena	92413 Sale/Exchange	6	6	6	6	6	12	12	12	12	12		6	6	6	6	6	
	93658 Exchange						15	15	15	15	15						I	
Vernon	94672 Sale/Exchange																i	
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	
Riverside	93958 Exchange (NOB/COB)	15	15	15	15	15	60	60	60		60			15	15	15		
SCE	94507 Storage (NOB/COB)																Ī	
SCE '	92275 Sale/Exchange (NOB/COB)																	
	94667 Sale																	
NOB Monthly Use	74007 Saic	67	67	67	67	67	170	170	170	170	170	155	67	67	67	67	67	,
California-Oregon Border (COB) Deliveries																		
M-S-R	92499 Sale/Exchange																	
Palo Alto	94508 Capacity/Energy Sale								<u></u>								<u></u>	1
New Energy Ventures (NEV)	95243 SP Sale																1	
Bay Area Rapid Transit (BART)	95177 Sale	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																ĺ	
BART (Option)	95177 Sale																<u> </u>	1
	92275 Sale/Exchange																	
Total Intertie Monthly Use		67	67	67	67	67	170	170	170	170	170	155	67	67	67	67	67	,
Total interne monthly USE		07	07	07	0/	0/	170	170	1/0	170	170	100	07	07	0/	07	0/	
																	1	1

Transmission Demands for Long-Term Power Sales Contracts																	Fiscal Yea	r	2008
-	Contract																		
Network Land Based Ballington	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
Network Load-Based Deliveries PGE (Canby load based)	05272	SP Sale																	
Lower Valley (load based)		SP Sale																	
West Oregon (load based)		SP Sale																	
Network Load-Based Estimated Monthly Demand	94097	SP Sale																	
Network Load-Based Estillated Monthly Demand																			
Network Deliveries																			
EWEB	94831	SP Sale																	
PacifiCorp		Capacity Sale	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575
PGE		Capacity Sale	0,0	0.0	0.0	0.0	070	0.70	0.0	0.0	0.0	0.0	0.0	0.70	0.0	0,0	0,70	0.0	
WWP (Hatwai only)		Capacity Sale																	
Snohomish (Conservation Transfer)		SP Sale/Conservation																	
Lewis County (Conservation Transfer)		SP Sale/Conservation																	
Mason County (Conservation Transfer)		SP Sale/Conservation																	
Puget Sound Power and Light		Sale/Exchange																	
PacifiCorp (Clark)	94838																		-
Cowlitz	95084							<u> </u>											
WWP (Clark)	94779																		
Clark (Ross only)		Sale (partnership program)																	
WWP (Kaiser)	95104																		
Atochem		Buy/Sale w/Enron																	
Intalco (Apr 15-July 15)		Spring Sale																	-
Centralia Standby	94666	Standby Service																	
WWP WNP-1		Exchange																	
Canadian Entitlement Return		Treaty	627	627	627	627	627	627	627	627	627	627	627	627	627	627	627	627	627
MPC	90427	Capacity Sale																	
Non-DSI Network Subtotal			1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202
DSI Deliveries																			
Columbia Falls		Block Sale																	
Atochem		Block Sale																	
Georgia Pacific <sup>4</sup>		Block Sale																	
Glenbrook Nickel	95110	Block Sale																	
Intalco Aluminum <sup>6</sup>	94860	Block Sale																	
Kaiser Aluminum <sup>7</sup>		Block Sale																	
Oregon Metallurgical Corp. <sup>5</sup>	_	Block Sale																	
0 0																			
Reynolds <sup>8</sup>	94865	Block Sale																	
DSI Subtotal																			
			1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Network Monthly Use			1202		1202		1202	1202	1202 <b>1202</b>	1202 <b>1202</b>									1202 <b>1202</b>
Network Billing Demand (includes Annual DSI Demand)			1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202
Big Eddy Deliveries																			
Azusa	0/1883	Exchange																	
Azusa/Banning/Colton	94811	Exchange																	
Anaheim (Suspended) 3	92784	Exchange/Capacity Sale (NOB/COB)																	
Burbank		Sale/Exchange	40	40	40	40	40	40	20	20	20	20	20	20	Terminate				
Glendale		Sale/Exchange	20		20					10									
Pasadena	92413	Sale/Exchange	12		12	12	12			6	6	6	6	6					
Pasadena		Exchange	15	15	15	15	15	5							15	15	15	15	15
Vernon	94672	Sale/Exchange																	
Riverside		Cap. Sale/Cap-Eng Exch (NOB/COB)	23							16									23
Riverside	93958	Exchange (NOB/COB)	60	60	60	60	60	60	15	15	15	15	15	15	60	60	60	60	60
SCE	94507	Storage (NOB/COB)																	
SCE		Sale/Exchange (NOB/COB)																	
WWP (Riverside) <sup>2</sup>	94667	Sale																	
							1										1		

John Day Monthly Use  170	Transmission Demands for Long-Term Power Sales Contracts																	Fiscal Yea	r	200
See   Monthly Use				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
Internal Content   1979   Strictscharp	Rig Eddy Monthly I lea		·	170	170	170				67		67	67	67	67	98	98		_	
Section   Sect				170	170	170	110	110	100	07	01	01	01	01	01	30	30	30	30	
18.00   18.0																				
New Energy (Appendix (Appe	M-S-R																			
Segregate (postering (bott)   Segretary		94508	B Capacity/Energy Sale																	
200   200	New Energy Ventures (NEV)	95243	3 SP Sale																	
Total John Day/Sig Eddy Monthly Use  170 170 170 170 170 170 170 170 170 170		95177	7 Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1972   1972   1972   1972   1972   1972   1972   1973   1989   1289	John Day Monthly Use			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1972   1972   1972   1972   1972   1972   1972   1972   1972   1972   1970   1260	Total John Dav/Big Eddy Monthly Use			170	170	170	170	170	155	67	67	67	67	67	67	98	98	98	98	(
Memoria   March   Ma																			1300	
Memoria   March   Ma	Non-Demand Committed Uses																			
AMERIS   Section   Secti																				
John Day		94831	1 SP Sale																	
NEV (Option)		7100																		
## ARET (Cylorol)**    SAPE (Schrift)   Sale		952/3	R SP Sale																	
Milyande Committed Libas   137   1	RAPT (Ontion)	0517	7 Cala																	-
Newton Committed Use	SCE (NOB/COB) 9+A131																			
National Control (NOB) Deliveries Arabia Manual Control (			J. T. T. J.	1070	1070	1070	1070	1070	1057	12/0	10/0	12/0	12/0	12/0	12/0	1200	1200	1200	1200	120
Azusa AnsabanningColon   94815   Exchange	Network Committed Use			13/2	13/2	13/2	1372	13/2	1357	1269	1269	1269	1269	1269	1269	1300	1300	1300	1300	130
ArusaRanningCollon  94811 Exchange  9481 Exchange  40 40 40 40 40 20 20 20 20 20 20 20 10 minute  9481 SaleExchange  40 40 40 40 40 20 20 20 20 20 20 20 10 minute  9481 SaleExchange  948 40 40 40 40 40 20 20 20 20 20 20 20 10 minute  948 548 Exchange  948 548 Exchange  12 12 12 12 12 12 12 12 12 10 10 10 10 10 10 10 10 10 10 10 10 10																				
Anchein (Suspended) * 92784 (Exchange Capacity Sale (NOBCOB) # 40 40 40 40 40 20 20 20 20 20 20 10 minute   Passage																				
Burbank   9411   SaleFixchange   40   40   40   40   40   40   40   4																				
Glendale   9411   Selef Exchange   20   20   20   20   20   20   10   10	Anaheim (Suspended) 3	92784	Exchange/Capacity Sale (NOB/COB)																	
Pasadena   92413 Sale/Exchange   12   12   12   12   12   12   12   1	Burbank	92411	1 Sale/Exchange	40	40	40	40	40	40	20	20	20	20	20	20	Terminate				
Pasadena   92413 Sale/Exchange   12   12   12   12   12   12   15   15	Glendale	92412	2 Sale/Exchange	20	20	20	20	20	20	10	10	10	10	10	10	Terminate				
Vernon   94672   Sale/Exhange	Pasadena	92413	3 Sale/Exchange	12	12	12	12	12	12	6	6	6	6	6	6	Terminate				
Vernom   94672   Sale/Exchange	Pasadena	93658	B Exchange	15	15	15	15	15								15	15	15	15	
Riverside 9,888 Cap. Sale/Cap-Eng Exch (NOB/COB) 23 23 23 23 23 23 16 16 16 16 16 16 16 23 23 23 23 23 23 23 23 23 23 23 23 23																				-
Riverside		92858	R Cap. Sale/Cap-Eng Exch (NOB/COB)	23	23	23	23	23	23	16	16	16	16	16	16	23	23	23	23	
SCE   94507   Storage   NOBICOB		93958	B Exchange (NOB/COB)																60	
SCE   9275   Sale/Exchange (NOB/COB)		9/507	7 Storage (NOR/COR)	00	00	00	00	00	00	10	10	10	10	10	10	00	- 00	00	00	
WWP (Riverside)	SCE T																			
NOB Monthly Use																				
M-S-R 92499 Sale/Exchange		74007	) Sale	170	170	170	170	170	155	67	67	67	67	67	67	98	98	98	98	(
M-S-R 92499   Sale/Exchange																				
Palo Alto       94508 Capacity/Energy Sale       Image: Capacity/Energy Sale Sale Sale Sale Sale Sale Sale Sale	California-Oregon Border (COB) Deliveries																			
New Energy Ventures (NEV)  Bay Area Rapid Transit (BART)  COB Monthly Use  95243  SP Sale  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M-S-R	92499	9 Sale/Exchange													T				
Bay Area Rapid Transit (BART)  95177 Sale  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		94508	Capacity/Energy 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 0 0	New Energy Ventures (NEV)	95243	SP Sale																	
COB Monthly Use         0	Bay Area Rapid Transit (BART)	95177	7 Sale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEV (Option)         95243         SP Sale	COB Monthly Use			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BART (Option)           95177   Sale   </td <td></td>																				
BART (Option) 1     95177 Sale	NEV (Option)	95243	3 SP Sale																	
SCE (NOB/COB) 92275 Sale/Exchange	BART (Option)																			-
Total Intertie Monthly Use 170 170 170 170 170 155 67 67 67 67 67 67 67 98 98 98 98	SCE (NOB/COB)																			
	Total Intertie Monthly Use			170	170	170	170	170	155	67	67	67	67	67	67	98	98	98	98	
													0.	,	3.			30		

Transmission Demands for Long-Term Power Sales Co	ontracts									F	iscal 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-Fe
Network Load-Based Deliveries	Contract Number Description	10-001	TU-NOV	то-рес	11-Jan	11-reb	11-Mar	11-Apr	11-May	11-Jun	11-Jul	11-Aug	11-Sep	11-000	11-NOV	11-Dec	12-Jan	12-ге
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	74077 SF Sale																	
j																		
Network Deliveries																		
EWEB	94831 SP Sale																	
PacifiCorp	92497 Capacity Sale	575	575	575	575	575	575	575	575	575	575	575	Terminate					
PGE	94626 Capacity Sale																	
WWP (Hatwai 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	829	82
MPC	90427																	-
Non-DSI Network Subtotal		1404	1404	1404	1404	1404	1404	1404	1404	1404	1404	1404	829	829	829	829	829	82
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	94003 DIOCK Sale																	
Network Monthly Use  Network Billing Demand (includes Annual DSI Demand	n l	1404 <b>1404</b>		829 <b>829</b>	829 <b>829</b>	829 <b>829</b>	829 <b>829</b>	82 <b>82</b>										
Network Billing Demand (Includes Annual DSI Demand	<u> </u>	1404	1404	1404	1404	1404	1404	1404	1404	1404	1404	1404	029	029	029	029	029	- 02
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	60	15	15	15	1
SCE	94507 Storage (NOB/COB)											30						
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	15	1

Transmission Demands for Long-Term Power Sales	s Contracts									Fis	scal 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	Ŭ		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		60	15	15			15	15			75	75	75	60	15	15	15	15
Total Network Billing Demand		1464	1419	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	1419	1479	1479	1479	1479	904	889	844	844	844	844
Nevada-Oregon Border (NOB) Deliveries	04000 5																	
Azusa	94883 Exchange																	
Azusa/Banning/Colton	94811 Exchange																	
Anaheim	92784 Exchange/Capacity Sale (NOB/COB)																	
Burbank	92411 Sale/Exchange 92412 Sale/Exchange																	
Glendale									15	15	15	15	15					
Pasadena	92413 Sale/Exchange 93658 Exchange								15	15	15	15	15					
Pasadena	93658 Exchange 94672 Sale/Exchange																	
Vernon	92858 Cap. Sale/Cap-Eng Exch (NOB/COB)																	
Riverside	93958 Exchange (NOB/COB)	60	15	15	15	15	15	15	60	60	60	40	40	60	15	15	15	15
Riverside SCE	93938 Exchange (NOB/COB) 94507 Storage (NOB/COB)	60	15	15	13	15	15	15	00	00	00	60	60	00	15	15	15	15
SCE	92275 Sale/Exchange (NOB/COB)																	
WWP (Riverside)	94667 Sale																	
NOB Monthly Use	74007 Sale	60	15	15	15	15	15	15	75	75	75	75	75	60	15	15	15	15
NOB MORELLY USE		00	13	13	13	13	13	13	13	13	13	13	13	00	13	13	13	13
California-Oregon Border (COB) Deliveries																		
M-S-R	92499 Sale/Exchange																	
Palo Alto	94508 Capacity/Energy Sale																	
New Energy Ventures (NEV)	95243 SP Sale	0			0	0					0	0	0	0				
Bay Area Rapid Transit (BART)	95177 Sale	0	0	0	0		0	0	Ü	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)	95177 Sale																	
SCE (NOB/COB) A62	92275 Sale/Exchange																	
Total Intertie Monthly Use		60	15	15	15	15	15	15	75	75	75	75	75	60	15	15	15	15

Transmission Demands for Long-Term Power Sales Con	tracts				Fis	scal Year		2012										Fiscal Year
Network Load-Based Deliveries	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-J
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	71077 01 0410																	
																		ĺ
Network Deliveries																		
EWEB	94831 SP Sale																	
PacifiCorp	92497 Capacity Sale																	<b></b>
PGE	94626 Capacity Sale																	
WWP (Hatwai only)	92871 Capacity Sale																	<del>                                     </del>
Snohomish (Conservation Transfer)	92795 SP Sale/Conservation																	1
Lewis County (Conservation Transfer)	92798 SP Sale/Conservation																	<del>                                     </del>
Mason County (Conservation Transfer)	92797 SP Sale/Conservation																	<del>                                     </del>
Puget Sound Power and Light	92527 Sale/Exchange																	t
PacifiCorp (Clark)	94838 Sale																	<del>                                     </del>
Cowlitz WAVD (Clork)	95084 Sale																	
WWP (Clark)	94779 Sale																	
Clark (Ross only) WWP (Kaiser)	92759 Sale (partnership program) 95104 Sale																	
Atochem	95104 Sale 95113 Buy/Sale w/Enron																	
Intalco (Apr 15-July 15)	95116 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	829	82
MPC	90427	027	027	027	027	027	027	027	027	027	027	027	027	027	027	027	027	02
Non-DSI Network Subtotal	70.127	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	82
																		1
DSI Deliveries																		
Columbia Falls	94855 Block Sale																	
Atochem	94856 Block Sale																	
Georgia Pacific	94857 Block Sale																	
Glenbrook Nickel	95110 Block Sale																	1
Intalco Aluminum	94860 Block Sale																	
Kaiser Aluminum	94861 Block Sale																	
Oregon Metallurgical Corp.	94863 Block Sale																	<b></b>
Reynolds	94865 Block Sale																	<b></b>
DSI Subtotal																		<u></u>
		200	000	000	000	000	200	000	000	000	200	000	200	000	000		000	
Network Monthly Use  Network Billing Demand (includes Annual DSI Demand)		829 <b>829</b>		829 <b>829</b>	829 <b>829</b>	829 <b>829</b>	829 <b>829</b>	829 <b>829</b>		829 <b>829</b>								
Network Billing Demand (includes Almuai D3i Demand)		029	029	029	029	029	029	029	029	029	029	029	029	029	029	029	029	02
Big Eddy Deliveries																		
Azusa	94883 Exchange																	
Azusa/Banning/Colton	94811 Exchange																	
Anaheim	92784 Exchange/Capacity Sale (NOB/COB)																	Ī
Burbank	92411 Sale/Exchange																	
Glendale	92412 Sale/Exchange																	
Pasadena	92413 Sale/Exchange																	
Pasadena	93658 Exchange			15	15	15	15	15								15	15	1
Vernon	94672 Sale/Exchange																	i
Riverside	92858 Cap. Sale/Cap-Eng Exch (NOB/COB)																	
Riverside	93958 Exchange (NOB/COB)	15	15	60	60	60	60	60	60	15	15	15	15	15	15	60	60	6
SCE	94507 Storage (NOB/COB)																	
SCE	92275 Sale/Exchange (NOB/COB)																	
WWP (Riverside)	94667 Sale																	<u> </u>
																		<del></del>

Transmission Demands for Long-Term Power Sales	Contracto				le-	iscal Year		2042					1	<u> </u>			- Ir	Ficaal Vaar
Transmission Demands for Long-Term Power Sales	Contracts				F	iscai rear		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	Ü	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		15	15	75	75	75	75	75	60	15	15	15	15	15	15	75	75	75
Total Network Billing Demand		844	844	904	904	904	904	904		844	844	844	844	844	844	904	904	904
Non Domand Committed Llege																		
Non-Demand Committed Uses Network																		
John Day																		
Network Committed Use		844	844	904	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
	93658 Exchange			15	13	10	15	15								10	15	10
Pasadena	93038 Excitatinge 94672 Sale/Exchange																	
Vernon																		
Riverside	92858 Cap. Sale/Cap-Eng Exch (NOB/COB)	15	4.5			/0			/0	15	15	15	15	15	15		- (0	
Riverside	93958 Exchange (NOB/COB)	15	15	60	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	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	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)	95177 Sale																	-
SCE (NOB/COB) A62	92275 Sale/Exchange																	
Total Intertie Monthly Use		15	15	75	75	75	75	75	60	15	15	15	15	15	15	75	75	75
,																		
																	+	

Transmission Demands for Long-Term Power Sales Contracts				2013									Fi	scal Year		2014			
2	. N	<b>5</b>	40.4	40.0	40.0.4	40.11	40.5	44.1	44.5.1	44.00		44.11	44.1	44		44.0	44.0.4	44.11	44.5
Network Load-Based Deliveries	t 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
PGE (Canby load based)	95273	SP Sale																	
Lower Valley (load based)		SP Sale																	
West Oregon (load based)	94697	7 SP Sale																	
Network Load-Based Estimated Monthly Demand																			
Network Deliveries	0.4004	L CD C-L																	
EWEB PacifiCorp		SP Sale Capacity Sale																	
PGE		Capacity Sale																	
WWP (Hatwai only)		Capacity Sale																	
Snohomish (Conservation Transfer)	92795	SP Sale/Conservation																	
Lewis County (Conservation Transfer)		SP Sale/Conservation																	
Mason County (Conservation Transfer)		SP Sale/Conservation																	
Puget Sound Power and Light		7 Sale/Exchange																	
PacifiCorp (Clark)	94838																		
Cowlitz	95084																		
WWP (Clark)	94779																		
Clark (Ross only) WWP (Kaiser)	92759	Sale (partnership program)																	
Atochem		Buy/Sale w/Enron																	
Intalco (Apr 15-July 15)		Spring Sale																	
Centralia Standby		Standby Service																	
WWP WNP-1		P Exchange																	
Canadian Entitlement Return		Treaty	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
MPC	90427	7																	
Non-DSI Network Subtotal			829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
DSI Deliveries	04055	Disal, Cala																	
Columbia Falls Atochem		Block Sale Block Sale																	
Georgia Pacific		Block Sale																	
Glenbrook Nickel		) Block Sale																	
Intalco Aluminum		Block Sale																	
Kaiser Aluminum		Block Sale																	
Oregon Metallurgical Corp.		Block Sale																	
Reynolds	94865	Block Sale																	
DSI Subtotal																			
				200		222			200					200	222				200
Network Monthly Use Network Billing Demand (includes Annual DSI Demand)			829 <b>829</b>	829 <b>829</b>	829 <b>829</b>	829 <b>829</b>	829 <b>829</b>	829 <b>829</b>		829 <b>829</b>	829 <b>829</b>		829 <b>829</b>						
Network Billing Demand (Includes Annual DSI Demand)			029	029	029	029	029	029	029	029	029	029	029	029	029	029	029	029	029
Big Eddy Deliveries																			
Azusa	94883	B Exchange																	
Azusa/Banning/Colton		Exchange																	
Anaheim	92784	Exchange/Capacity Sale (NOB/COB)																	
Burbank	92411	Sale/Exchange																	
Glendale	92412	Sale/Exchange																	
Pasadena		Sale/Exchange																	
Pasadena	93658	8 Exchange	15	15								15	15	15	15	15			
Vernon Riverside		Sale/Exchange																	
Riverside	92050	Cap. Sale/Cap-Eng Exch (NOB/COB)  Exchange (NOB/COB)	60	60	60	15	15	15	15	15	15	60	60	60	60	60	60	15	15
SCE		Storage (NOB/COB)	00	00	00	10	13	13	13	13	10	00	00	00	00	00	00	10	13
SCE	92275	Sale/Exchange (NOB/COB)															+		
WWP (Riverside)	94667																		
Big Eddy Monthly Use			75	75	60	15	15	15	15	15	15	75	75	75	75	75			

Transmission Demands for Long-Term Power Sales	Contracts		2013									F	iscal Year		2014			
John Day Deliveries	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-De
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	70117	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	15	75	75	75	75	75	0	0	C
Total Network Billing Demand		904	904	889	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	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	15	60	60	60	60	60	60	15	15
SCE	94507 Storage (NOB/COB)																	
SCE	92275 Sale/Exchange (NOB/COB)																	
WWP (Riverside)	94667 Sale	75	7.	00	45	45	45	45	45	15	7.5	7.5	7.5	7.5	7.5	00	4.5	45
NOB Monthly Use		75	75	60	15	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			0	0								0	0			0	
Bay Area Rapid Transit (BART)	95177 Sale	0	0	0	0	0	0	0	Ü	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)	95177 Sale																	
SCE (NOB/COB) A62	92275 Sale/Exchange																	
Total Intertio Monthly Llea		75	75	60	15	15	15	15	15	15	75	75	75	75	75	60	15	AE
Total Intertie Monthly Use		/5	/5	ы	15	15	15	15	15	15	/5	/5	75	/5	/5	ы	15	15

Transmission Demands for Long-Term Power Sales Contracts								Fiscal Year		2015								
Contract Number	Pr Description	15-Jan	15-Feb	15-Mar	15-Apr	15-May	15-Jun	15-Jul	15-Aug	15-Sep	15-Oct	15-Nov	15-Dec	16-Jan	16-Feb	16-Mar	16-Apr	16-May
Network Load-Based Deliveries	70 CD C-1-																	
	73 SP Sale																	
	89 SP Sale 97 SP Sale																	
West Oregon (load based) 9469 Network Load-Based Estimated Monthly Demand	77 SP Sale																	
Network Load-Based Estimated Monthly Demand																		
Network Deliveries	+																	
	B1 SP Sale																	
	77 Capacity Sale																	
	26 Capacity Sale																	
	71 Capacity Sale																	
	95 SP Sale/Conservation																	
	98 SP Sale/Conservation																	
Mason County (Conservation Transfer) 9279	97 SP Sale/Conservation																	
	27 Sale/Exchange																	
PacifiCorp (Clark) 9483	38 Sale																	
Cowlitz 9508	34 Sale																	
WWP (Clark) 9477	79 Sale																	
	59 Sale (partnership program)																	
	04 Sale																	
	13 Buy/Sale w/Enron																	
	06 Spring Sale																	
	56 Standby Service																	
	19 Exchange																	
Canadian Entitlement Return	Treaty	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
MPC 9042	27																	
Non-DSI Network Subtotal		829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
DOLD III																		
DSI Deliveries Columbia Falls 9488	T. Disali Cala																	
	55 Block Sale 56 Block Sale																	
	57 Block Sale																	
	10 Block Sale																	
	60 Block Sale																	
	51 Block Sale																	
	53 Block Sale																	
	55 Block Sale																	
DSI Subtotal	SO BIOCK State																	
DOI GUDIOLUI																		
Network Monthly Use		829	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 <b>829</b>
Big Eddy Deliveries																		
Azusa 9488	33 Exchange																	
	I1 Exchange																	
Anaheim 9278	84 Exchange/Capacity Sale (NOB/COB)																	
Burbank 924	I1 Sale/Exchange																	
Glendale 924	12 Sale/Exchange																	
	13 Sale/Exchange																	
	58 Exchange					Terminate												
	72 Sale/Exchange																	
Riverside 9285	68 Cap. Sale/Cap-Eng Exch (NOB/COB)																	
Riverside 9395	58 Exchange (NOB/COB)	15	15	15	15	60	60	60	60	60	60	15	15	15	15	15	15 Te	erminates
SCE 9450	07 Storage (NOB/COB)																	
	75 Sale/Exchange (NOB/COB)																	
WWP (Riverside) 9466	57 Sale																	
Big Eddy Monthly Use																		
DIG Eddy Monthly USE																		

Transmission Demands for Long-Term Power Sales	Contracts						Fis	scal Year		2015								
<u> </u>																		
John Day Deliveries	Contract Number Description	15-Jan	15-Feb	15-Mar	15-Apr	15-May	15-Jun	15-Jul	15-Aug	15-Sep	15-Oct	15-Nov	15-Dec	16-Jan	16-Feb	16-Mar	16-Apr	16-Ma
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	70777 Galo	0	0	0	0		0	0	-	_	0	0	0	0	0	0	0	Ö
Total John Day/Big Eddy Monthly Use		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Network Billing Demand		829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
Non-Demand Committed Uses																		
Network																		
John Day																		
Network Committed Use		829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
Nevada-Oregon Border (NOB) Deliveries																		
Azusa	94883 Exchange																	
Azusa/Banning/Colton	94811 Exchange																	
Anaheim Burbank	92784 Exchange/Capacity Sale (NOB/COB) 92411 Sale/Exchange																	
Glendale	92412 Sale/Exchange																	
Pasadena	92413 Sale/Exchange					Terminate												
Pasadena	93658 Exchange																	
Vernon	94672 Sale/Exchange																	
Riverside	92858 Cap. Sale/Cap-Eng Exch (NOB/COB)																	
Riverside	93958 Exchange (NOB/COB)	15	15	15	15	60	60	60	60	60	60	15	15	15	15	15	15	erminate
SCE	94507 Storage (NOB/COB)																	
SCE	92275 Sale/Exchange (NOB/COB)																	
WWP (Riverside)	94667 Sale																	
NOB Monthly Use		15	15	15	15	60	60	60	60	60	60	15	15	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	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)	95177 Sale																	
SCE (NOB/COB) A62	92275 Sale/Exchange																	
T		45			45							4-	4-	45		45	4.5	
Total Intertie Monthly Use		15	15	15	15	60	60	60	60	60	60	15	15	15	15	15	15	0
			-														-	

Transmission Demands for Long-Term Power Sales Contra	racts	i	Fiscal Year		2016									Fi	iscal Year		2017	
	Contract Number Description	16-Jun	16-Jul	16-Aug	16-Sep	16-Oct	16-Nov	16-Dec	17-Jan	17-Feb	17-Mar	17-Apr	17-May	17-Jun	17-Jul	17-Aug	17-Sep	17-Oc
Network Load-Based Deliveries	05070 03 0 1							'										
PGE (Canby load based)	95273 SP Sale																	
Lower Valley (load based)	94839 SP Sale																	
West Oregon (load based) Network Load-Based Estimated Monthly Demand	94697 SP Sale																	
Network Load-based Estillated Monthly Demand																		
Network Deliveries																		
EWEB	94831 SP Sale																	
PacifiCorp	92497 Capacity Sale																	
PGE	94626 Capacity Sale																	
WWP (Hatwai 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 94666 Standby Service																	
Centralia Standby WWP WNP-1	94506 Standby Service 94519 Exchange																	
Canadian Entitlement Return	Treaty	829	829	829	829	829	829	829	9 829	829	829	829	829	829	829	829	829	829
MPC	90427	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
Non-DSI Network Subtotal	70127	829	829	829	829	829	829	829	829	829	829	829	829	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		829	020	020	829	829	829	829	020	020	829	829	829	829	829	829	020	020
Network Billing Demand (includes Annual DSI Demand)		829	829 <b>829</b>	829 <b>829</b>	829 829		829 829	829 829			829 829	829 829	829 829	829 829	829 829	829 829	829 <b>829</b>	829 <b>829</b>
Network Bining Bernana (morades Armaai Bor Bernana)		020	020	020	020	020	023	020	020	023	023	020	020	023	020	023	020	023
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																	
Vernon	94672 Sale/Exchange																	
Riverside	92858 Cap. Sale/Cap-Eng Exch (NOB/COB)																	
Riverside	93958 Exchange (NOB/COB)																	
SCE	94507 Storage (NOB/COB)																	
SCE	92275 Sale/Exchange (NOB/COB)																	
WWP (Riverside)	94667 Sale																	
Big Eddy Monthly Use																		
<b>5,,</b>																		
									1	ı								

Transmission Demands for Long-Term Power Sales	Contracte		iscal Year		2016									E	iscal Year		2017	
Transmission Demands for Long-Term Fower Sales	Contracts	ľ	iscai i eai		2010										iscai i eai		2017	
	Contract Number Description	16-Jun	16-Jul	16-Aug	16-Sep	16-Oct	16-Nov	16-Dec	17-Jan	17-Feb	17-Mar	17-Apr	17-May	17-Jun	17-Jul	17-Aug	17-Sep	17-Oct
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																
John Day Monthly Use		0																
Total John Day/Big Eddy Monthly Use		0																
Total Network Billing Demand		829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
Non-Demand Committed Uses																		
Network																		
John Day																		
Network Committed Use		829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
Nevada-Oregon Border (NOB) Deliveries	01003 5																	
Azusa/Rapping/Colton	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																	
Vernon	94672 Sale/Exchange																	
Riverside	92858 Cap. Sale/Cap-Eng Exch (NOB/COB)																	
Riverside	93958 Exchange (NOB/COB)																	
SCE	94507 Storage (NOB/COB)																	
SCE	92275 Sale/Exchange (NOB/COB)																	
WWP (Riverside)	94667 Sale																	
NOB Monthly Use																		
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																
COB Monthly Use	73177 Sale	0																
COD MORALITY USE		U																
Non-Demand Committed Uses																		
NEV (Option)	95243 SP Sale																	
BART (Option)	95177 Sale																	
SCE (NOB/COB) A62	92275 Sale/Exchange																	
Total Intertie Monthly Use		0																
									l									

Transmission Demands for Long-Term Power Sales C	Contracts									Fiscal Year		2018						
Transmission Demands for Long-Term 1 ower dates of										oour rear		2010						
	Contract Number Description	17-Nov	17-Dec	18-Jan	18-Feb	18-Mar	18-Apr	18-May	18-Jun	18-Jul	18-Aug	18-Sep	18-Oct	18-Nov	18-Dec	19-Jan	19-Feb	19-Mar
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																	
PGE	94626 Capacity Sale																	
WWP (Hatwai 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																	
	95084 Sale																	
Cowlitz WAVD (Clork)	95084 Sale 94779 Sale		-															
WWP (Clark)			-															
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	829	829
MPC Non-DSI Network Subtotal	90427	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	020
Non-DSI Network Subtotal		029	029	029	029	029	029	029	029	029	029	029	029	029	029	029	029	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	71000 Block Sale																	
Dorousion																		
Network Monthly Use		829	829	829	829	829	829	829	829		829	829	829	829	829	829	829	829 <b>829</b>
Network Billing Demand (includes Annual DSI Deman	d)	829	829	829	829	829	829	829	829	829	829	829	829	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																	
	92412 Sale/Exchange																	
Pasadena	93658 Exchange		-															
Pasadena	93030 EXCITATIVE		-															
Vernon	94672 Sale/Exchange																	
Riverside	92858 Cap. Sale/Cap-Eng Exch (NOB/COB)																	
Riverside	93958 Exchange (NOB/COB)																	
SCE	94507 Storage (NOB/COB)																	
SCE	92275 Sale/Exchange (NOB/COB)																	
WWP (Riverside)	94667 Sale																	
											İ							
Big Eddy Monthly Use																		

Transmission Demands for Long-Term Power Sales	Contracts									Fiscal Year		2018						
	Contract Number Description	17-Nov	17-Dec	18-Jan	18-Feb	18-Mar	18-Apr	18-May	/ 18-Jun	18-Jul	18-Aug	18-Sep	18-Oct	18-Nov	18-Dec	19-Jan	19-Feb	19-Maı
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																	
John Day Monthly Use																		
Total John Day/Big Eddy Monthly Use																		
Total Network Billing Demand		829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
Non-Demand Committed Uses																		
Network																		
John Day																		
,																		
Network Committed Use		829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
Nevada-Oregon Border (NOB) Deliveries																		
	94883 Exchange																	
Azusa Azusa/Banning/Colton	94883 Exchange 94811 Exchange																	
Anaheim	92784 Exchange/Capacity Sale (NOB/COB)																	
Burbank	92/84 Exchange 92411 Sale/Exchange																	
Glendale	92411 Sale/Exchange 92412 Sale/Exchange																	
	92412 Sale/Exchange 92413 Sale/Exchange																	
Pasadena	93658 Exchange																	
Pasadena	93038 Exchange 94672 Sale/Exchange																	
Vernon	92858 Cap. Sale/Cap-Eng Exch (NOB/COB)																	
Riverside	93958 Exchange (NOB/COB)																	
Riverside SCE	93938 Exchange (NOB/COB) 94507 Storage (NOB/COB)																	
SCE	92275 Sale/Exchange (NOB/COB)																	
WWP (Riverside)	92275 Sale/Exchange (NOB/COB)  94667 Sale																	
NOB Monthly Use	94007 Sale																	
NOB Monthly Use																		
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																	
COB Monthly Use																		
Non-Demand Committed Uses																		
NEV (Option)	95243 SP Sale																	
BART (Option)	95177 Sale																	
SCE (NOB/COB) A62	92275 Sale/Exchange																	
Total Intentic Monthly Has																		
Total Intertie Monthly Use																		
																		-

Transmission Demands for Long-Term Power Sales Contra	icts			l	iscal Year		2019									Fi	scal Year	
9		40.4	40.84			40. 4		40.00	40 N	40 D	20 1	20 F-L	20 14	20 4	20 14			20.4.
Network Load-Based Deliveries	Contract Number Description	19-Apr	19-May	19-Jun	19-Jul	19-Aug	19-Sep	19-Oct	19-Nov	19-Dec	20-Jan	20-Feb	20-Mar	20-Apr	20-May	20-Jun	20-Jul	20-Aug
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																	
PGE	94626 Capacity Sale																	
WWP (Hatwai 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				200	222					222	222	000		222	200		
Canadian Entitlement Return MPC	Treaty 90427	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
Non-DSI Network Subtotal	70427	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
		020		020	0_0	525	020		020	323	0.20		020	020	020	020	525	
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  DSI Subtotal	94865 Block Sale																	
DSI Subtotal																		
Network Monthly Use		829	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	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																	
Vernon	94672 Sale/Exchange																	
Riverside	92858 Cap. Sale/Cap-Eng Exch (NOB/COB)																	
Riverside	93958 Exchange (NOB/COB)																	
SCE	94507 Storage (NOB/COB)																	
SCE	92275 Sale/Exchange (NOB/COB)																	
WWP (Riverside)	94667 Sale																	
Big Eddy Monthly Use																		
Dig Luay monthly 000																		
									1									

Transmission Demands for Long-Term Power Sales Contracts					Fiscal Year		2019									Fi	scal Year	
<u> </u>	Contract Number Description	19-Apr	19-May		19-Jul	40 4		19-Oct	19-Nov	19-Dec	20-Jan	20-Feb	20-Mar	20-Apr	20-May	20-Jun		20 4
John Day Deliveries	Contract Number Description	19-Apr	19-Way	19-Jun	19-Jul	19-Aug	19-Sep	19-001	19-NOV	19-Dec	ZU-Jan	ZU-FED	ZU-War	ZU-Apr	20-iviay	ZU-Jun	20-Jul	20-Aug
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																	
John Day Monthly Use	73177 Sdic																	
Total John Day/Big Eddy Monthly Use																		
Total Network Billing Demand		829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
Non-Demand Committed Uses																		
Network																		,
John Day																		
Network Committed Use		829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
Network Committee use		829	829	829	829	829	829	829	829	829	829	829	829	829	829	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																	
Pasadena	93658 Exchange																	
Vernon	94672 Sale/Exchange																	
Riverside	92858 Cap. Sale/Cap-Eng Exch (NOB/COB)																	
Riverside	93958 Exchange (NOB/COB)																	
SCE	94507 Storage (NOB/COB)																	
SCE	92275 Sale/Exchange (NOB/COB)																	
	92275 Sale/Exchange (NOB/COB)  94667 Sale																	
WWP (Riverside)	94007 Sale																	
NOB Monthly Use																		
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																	
COB Monthly Use																		
11. 2. 10. 11.11.																		
Non-Demand Committed Uses	0F242 CD C+l+																	
NEV (Option)	95243 SP Sale																	
BART (Option) SCE (NOB/COB) A62	95177 Sale 92275 Sale/Exchange																	
COL (NOBIOCO) FIGE	72270 Guio Exertange																	
Total Intertie Monthly Use																		
<u></u>																		

Transmission Demands for Long-Term Power Sales Contraction	cts	2020										iscal Year		2021				
		2020										.Jour rour		2021				
	Contract Number Description	20-Sep	20-Oct	20-Nov	20-Dec	21-Jan	21-Feb	21-Mar	21-Apr	21-May	21-Jun	21-Jul	21-Aug	21-Sep	21-Oct	21-Nov	21-Dec	22-Jai
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																	
PGE	94626 Capacity Sale																	
WWP (Hatwai 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	829	829
MPC	90427	029	029	029	029	029	029	029	029	029	029	029	029	029	029	029	029	027
Non-DSI Network Subtotal	70427	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
				020	020				020					020	020	020		
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																		
		200		222		222	200			200	200		222	000		200		
Network Monthly Use		829 <b>829</b>	829	829 <b>829</b>	829 <b>829</b>	829 <b>829</b>	829 <b>829</b>	829 <b>829</b>		829	829 <b>829</b>	829 <b>829</b>	829 <b>829</b>	829 <b>829</b>	829 <b>829</b>	829 <b>829</b>	829 <b>829</b>	829 <b>82</b> 9
Network Billing Demand (includes Annual DSI Demand)		829	829	829	829	829	829	829	829	829	829	829	829	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																	
Vernon	94672 Sale/Exchange																	
Riverside	92858 Cap. Sale/Cap-Eng Exch (NOB/COB)																	
Riverside	93958 Exchange (NOB/COB)														+			
SCE	94507 Storage (NOB/COB)																	
SCE	92275 Sale/Exchange (NOB/COB)														-			
WWP (Riverside)	94667 Sale										+							
AN ANT (WINGI SING)	74007 Sale										+							
Big Eddy Monthly Use																		
	ı								1									

Transmission Demands for Long-Term Power Sales	Contracts	2020									F	iscal Year		2021				
		2020										.com roui		2021				
	Contract Number Description	20-Sep	20-Oct	20-Nov	20-Dec	21-Jan	21-Feb	21-Mar	21-Apr	21-May	21-Jun	21-Jul	21-Aug	21-Sep	21-Oct	21-Nov	21-Dec	22-Jai
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																	
John Day Monthly Use																		
Total John Day/Big Eddy Monthly Use																		
Total Network Billing Demand		829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
3																		
Non-Demand Committed Uses																		
Network																		
John Day																		
Network Committed Use		829	829	829	829	829	829	829	829	829	829	829	829	829	829	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																	
Pasadena	93658 Exchange																	
Vernon	94672 Sale/Exchange																	
Riverside	92858 Cap. Sale/Cap-Eng Exch (NOB/COB)																	
Riverside	93958 Exchange (NOB/COB)																	
SCE	94507 Storage (NOB/COB)																	
SCE	92275 Sale/Exchange (NOB/COB)																	
WWP (Riverside)	94667 Sale																	
NOB Monthly Use	94007 Sale																	
NOB Monthly Use																		
California-Oregon Border (COB) Deliveries																		
	00400 Cala/Farahanan																	
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																	
COB Monthly Use																		
New Demand Committee data																		
Non-Demand Committed Uses	05040 CD C-1-																	
NEV (Option)	95243 SP Sale																	
BART (Option)	95177 Sale																	
SCE (NOB/COB) A62	92275 Sale/Exchange																	
T 4 11 4 4 12 14 14 14																		
Total Intertie Monthly Use																		

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

### **Transfer Agreements**

See Memorandum of Agreement No. 02TX-11175.

Revision 2, Exhibit D

1 of 1

MOA 96MS-96060

PBL/TBL Statement of Principles
Effective at 2400 hours on September 30, 2001

### 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)