APPENDIX 1 TO PART 301—ASC UTILITY FILING TEMPLATE

BONNEVILLE POWER ADMINISTRATION

ASC Utility Filing Template

2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

Schedule 1: Plant Investment / Rate Base

Account Description	FERC Form 1 Page Number	FERC Form 1 Account Numbers	Functionalization Method Default	Functionalization Method Optional	Total	Production	Transmission	Distribution/ Other
Intangible Plant:								
Intangible Plant - Organization	204-207	301	DIST		-	-	-	-
Intangible Plant - Franchises and Consents	204-207	302	DIRECT	PTD	-	-	-	-
Intangible Plant - Miscellaneous	204-207	303	DIRECT	DIST	-	-	-	-
Total Intangible Plant					$ -	$ -	$ -	$ -
Production Plant:								
Steam Production	204-207	310-317	PROD		0	-	-	-
Nuclear Production	204-207	320-326	PROD		0	-	-	-
Hydraulic Production	204-207	330-337	PROD		0	-	-	-
Other Production	204-207	340-347	PROD		0	-	-	-
Total Production Plant					$ -	$ -	$ -	$ -
Transmission Plant: (i)								
Transmission Plant	204-207	350-359.1	TRANS		0	-	-	-
Total Transmission Plant					$ -	$ -	$ -	$ -
Distribution Plant:								
Distribution Plant	204-207	360-374	DIST		0	-	-	-
Total Distribution Plant					$ -	$ -	$ -	$ -
General Plant:								
Land and Land Rights	204-207	389	PTD		0	-	-	-
Structures and Improvements	204-207	390	PTD		0	-	-	-
Furniture and Equipment	204-207	391	LABOR		0	-	-	-
Transportation Equipment	204-207	392	TD		0	-	-	-
Stores Equipment	204-207	393	PTD		0	-	-	-
Tools and Garage Equipment	204-207	394	PTD		0	-	-	-
Laboratory Equipment	204-207	395	PTD		0	-	-	-
Power Operated Equipment	204-207	396	TD		0	-	-	-
Communication Equipment	204-207	397	PTD		0	-	-	-
Miscellaneous Equipment	204-207	398	PTD		0	-	-	-
Other Tangible Property	204-207	399	DIRECT	PTD	0	-	-	-
Asset Retirement Costs for General Plant	204-208	399.1	PTD		0	-	-	-
Total General Plant					$ -	$ -	$ -	$ -
Total Electric Plant In-Service *(Total Intangible + Total Production + Total Transmission + Total Distribution + Total General)*					$ -	$ -	$ -	$ -

Schedule 1

AUTHENTICATED U.S. GOVERNMENT INFORMATION GPO

BONNEVILLE POWER ADMINISTRATION

ASC Utility Filing Template

2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

Schedule I: Plant Investment / Rate Base

Account Description	FERC Form 1 Page Number	FERC Form 1 Account Numbers	Functionalization Method Default	Functionalization Method Optional	Total	Production	Transmission	Distribution/ Other
LESS:								
Depreciation and Amortization Reserve						0		
Steam Production Plant	219	108	PROD		0	-	-	-
Nuclear Production Plant	219	108	PROD		0	-	-	-
Hydraulic Production Plant	219	108	PROD		0	-	-	-
Other Production Plant	219	108	PROD		0	-	-	-
Transmission Plant (i)	219	108	TRANS		0	-	-	-
Distribution Plant	219	108	DIST		0	-	-	-
General Plant	219	108	GP		0	-	-	-
Amortization of Intangible Plant - Account 301	200	111	DIST		0	-	-	-
Amortization of Intangible Plant - Account 302	200	111	DIRECT	PTD	-	-	-	-
Amortization of Intangible Plant - Account 303	200	111	DIRECT	DIST	-	-	-	-
Mining Plant Depreciation	219	108	PROD		0	-	-	-
Amortization of Plant Held for Future Use	200	111	DIST		0	-	-	-
Capital Lease - Common Plant	219	108	DIRECT		0			
Leasehold Improvements	200-201	108	DIRECT	DIST	0	-	-	-
In-Service: Depreciation of Common Plant (a)	200-201	108	DIRECT		0	-	-	-
Amortization of Other Utility Plant (a)	200-201	111	DIRECT	DIST	0	-	-	-
Amortization of Acquisition Adjustments	200-201	115	DIRECT		0	-	-	-
Depreciation and Amortization Reserve (Other)			DIRECT					
Total Depreciation and Amortization Reserve					$ -	$ -	$ -	$ -
Total Net Plant *(Total Electric Plant In-Service) - (Total Depreciation & Amortization)*					$ -	$ -	$ -	$ -

Schedule I

BONNEVILLE POWER ADMINISTRATION

ASC Utility Filing Template

2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

Schedule 1: Plant Investment / Rate Base

Account Description	FERC Form 1 Page Number	FERC Form 1 Account Numbers	Functionalization Method Default	Functionalization Method Optional	Total	Production	Transmission	Distribution/ Other
Assets and Other Debits (Comparative Balance Sheet)								
Cash Working Capital (f)	Calculation:							
Utility Plant								
(Utility Plant) Held For Future Use	200-201	105	DIST		0	-	-	-
(Utility Plant) Completed Construction - Not Classified	200-201	106	PTD		0	-	-	-
Nuclear Fuel		120.2-120.6	PROD			-	-	-
Construction Work in Progress (CWIP)	200-201	107 & 120.1	DIST		0	-	-	-
Common Plant	356 & 356.1		DIRECT		0	-	-	-
Acquisition Adjustments (Electric)	200-201	114	DIRECT	DIST	0	-	-	-
Total					$ -	$ -	$ -	$ -
Other Property and Investments								
Investment in Associated Companies	110-111	123.1	DIST	DIST	0	-	-	-
Other Investment	110-111	124	DIST		0	-	-	-
Long-Term Portion of Derivative Assets	110-111	175	DIST		0	-	-	-
Long-Term Portion of Derivative Assets - Hedges	110-111	176	DIST		0	-	-	-
Total					$ -	$ -	$ -	$ -
Current and Accrued Assets								
Fuel Stock	110-111	151	PROD		0	-	-	-
Fuel Stock Expenses Undistributed	110-111	152	PROD		0	-	-	-
Plant Materials and Operating Supplies	110-111	154	PTD		0	-	-	-
Merchandise (Major Only)	110-112	155	DIST		0	-	-	-
Other Materials and Supplies (Major only)	110-111	156	DIST		0	-	-	-
EPA Allowance Inventory	110-112	158.1	PROD		0	-	-	-
EPA Allowances Withheld	110-112	158.2	PROD		0	-	-	-
Stores Expense Undistributed	110-111	163	PTD		0	-	-	-
Prepayments	110-111	165	PTD		0	-	-	-
Derivative Instrument Assets	110-111	175	DIST		0	-	-	-
(Less) Long-Term Portion of Derivative Assets	110-112	175	DIST		0	-	-	-
Derivative Instrument Assets - Hedges	110-111	176	DIST		0	-	-	-
(Less) Long-Term Portion of Derivative Assets - Hedges	110-112	176	DIST		0	-	-	-
Total					$ -	$ -	$ -	$ -

BONNEVILLE POWER ADMINISTRATION

ASC Utility Filing Template

2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

Schedule 1: Plant Investment / Rate Base

Account Description	FERC Form 1 Page Number	FERC Form 1 Account Numbers	Functionalization Method Default	Functionalization Method Optional	Total	Production	Transmission	Distribution/ Other
Deferred Debits								
Unamortized Debt Expenses	110-111	181	PTDG		0	-	-	-
Extraordinary Property Losses	110-111	182.1	DIRECT	DIST	0	-	-	-
Unrecovered Plant and Regulatory Study Costs	110-111	182.2	DIRECT	DIST	0	-	-	-
Other Regulatory Assets	110-111	182.3	DIRECT	DIST	0	-	-	-
Preliminary Survey and Investigation Charges (Electric)	110-111	183	DIST		0	-	-	-
Preliminary Natural Gas Survey and Investigation Charges	110-111	183.1	DIST		0	-	-	-
Other Preliminary Survey and Investigation Charges	110-111	183.2	DIST		0	-	-	-
Clearing Accounts	110-111	184	DIST		0	-	-	-
Temporary Facilities	110-111	185	PTDG		0	-	-	-
Miscellaneous Deferred Debits	110-111	186	DIRECT	DIST	0	-	-	-
Deferred Losses from Disposition of Utility Plant	110-111	187	DIRECT		0			
Research, Development, and Demonstration Expenditures	110-111	188	DIST		0	-	-	-
Unamortized Loss on Reacquired Debt	110-111	189	PTDG		0	-	-	-
Accumulated Deferred Income Taxes	110-111	190	DIST		0	-	-	-
Total					$ -	$ -	$ -	$ -
Total Assets and Other Debits					$ -	$ -	$ -	$ -

Schedule 1

BONNEVILLE POWER ADMINISTRATION

ASC Utility Filing Template

2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

Schedule 1: Plant Investment / Rate Base

Account Description	FERC Form 1 Page Number	FERC Form 1 Account Numbers	Functionalization Method Default	Functionalization Method Optional	Total	Production	Transmission	Distribution/ Other
Liabilities and Other Credits (Comparative Balance Sheet)								
Current and Accrued Liabilities								
Derivative Instrument Liabilities	112-113	244	DIST		0	-	-	-
(less) Long-Term Portion of Derivative Instrument Liabilities	112-114	244	DIST		0	-	-	-
Derivative Instrument Liabilities - Hedges	112-115	245	DIST		0	-	-	-
(less) Long-Term Portion of Derivative Instrument Liabilities - Hedges	112-114	245	DIST		0	-	-	-
Total					$ -	$ -	$ -	$ -
Deferred Credits								
Customer Advances for Construction	112-113	252	DIST		0	-	-	-
Other Deferred Credits	112-113	253	DIRECT	DIST	0	-	-	-
Other Regulatory Liabilities	112-113	254	DIRECT	DIST	0	-	-	-
Accumulated Deferred Investment Tax Credits	112-113	255	DIST		0	-	-	-
Deferred Gains from Disposition of Utility Plant	112-113	256	DIRECT		0			
Unamortized Gain on Reacquired Debt	112-113	257	PTDG		0	-	-	-
Accumulated Deferred Income Taxes-Accel. Abort.	112-113	281	DIST		0	-	-	-
Accumulated Deferred Income Taxes-Property	112-113	282	DIST		0	-	-	-
Accumulated Deferred Income Taxes-Other	112-113	283	DIST		0	-	-	-
Total					$ -	$ -	$ -	$ -
Total Liabilities and Other Credits					$ -	$ -	$ -	$ -
Total Rate Base *Total Net Plant + (Assets and Others Debits) - (Liabilities and Other Credits)*					$ -	$ -	$ -	$ -

Schedule 1

BONNEVILLE POWER ADMINISTRATION
ASC Utility Filing Template
2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

Schedule 1A: Cash Working Capital (f)

Account Description	Total	Production	Transmission	Distribution/ Other
Cash Working Capital Calculation:				
Total Production O&M	-	-	-	-
Total Transmission O&M (i)	-	-	-	-
Total Distribution O&M	-	-	-	-
Total Customer & Sales	-	-	-	-
Total Administrative and General O&M	-	-	-	-
Less Purchased Power, Public Purpose Charge, REP Reversal, Fuel Costs	-	-	-	-
Revised Total O&M Expenses	$ -	$ -	$ -	$ -
One-Eighth Revised Total O&M Expenses				
Allowable Functionalized Cash Working Capital	$ -	$ -	$ -	$ -

Schedule 1A

BONNEVILLE POWER ADMINISTRATION

ASC Utility Filing Template

2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

Schedule 2: Capital Structure and Rate of Return (b)

SUMMARY *(for use by ASC Forecast Model)*

Single-Jurisdiction Investor-Owned Utility Return Calculation:

Multi-Jurisdiction Investor-Owned Utility Return Calculation:

Consumer-Owned Utility Return Calculation:

Rate of Return :

Single-Jurisdiction Investor-Owned Utility Return Calculation

Step 1: Weighted Cost of Capital from Most Recent State Commission Rate Order

Note: Multi-jurisdictional utilities must begin on Page 2

Publicly-owned utilities must begin on Page 4

	Capitalization Structure		Effective Cost	
Component	**Amount**	**Percent**	**Embedded**	**Weighted**
Debt				
Preferred Equity				
Common Equity				
Weighted Cost of Capital	$ -			

Step 2: Gross Up Equity Return for Federal Income Taxes

Federal Income Tax Rate (Currently 35%) 35%

Federal Income Tax Factor

*((ROR – (Embedded Cost of Debt * (Debt / (Total Capital))) * ((Federal Tax Rate / (1- Federal Tax Rate))*

Federal Income Tax Adjusted Weighted Cost of Capital

(Weighted Cost of Capital Plus Federal Income Tax Factor)

Step 3: Calculate Return on Rate Base

	Total	Production	Transmission	Other
Total Rate Base from Schedule 1	$ -	$ -	$ -	$ -
Federal Income Tax Adjusted Weighted Cost of Capital				
Federal Income Tax Adjusted Return on Rate Base				

*(Total Rate Base * Federal Income Tax Adjusted Weighted Cost of Capital)*

Schedule 2

BONNEVILLE POWER ADMINISTRATION

ASC Utility Filing Template

2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

Schedule 2: Capital Structure and Rate of Return (b)

Multi-Jurisdiction Investor-Owned Utility Return Calculation

Step 1:

Weighted Cost of Capital from Most Recent State Commission Rate Order in Jurisdiction 1

	Capitalization Structure		Effective Cost		Jurisdictional	Effective Cost -	
Component	Amount	Percent	Embedded	Weighted	Allocation	Weighted	State Allocation
Debt					0		
Preferred Equity							
Common Equity							
Weighted Cost of Capital	$ -						

Weighted Cost of Capital from Most Recent State Commission Rate Order in Jurisdiction 2

Component	Amount	Percent	Embedded	Weighted			
Debt					0		
Preferred Equity							
Common Equity							
Weighted Cost of Capital	$ -						

Weighted Cost of Capital from Most Recent State Commission Rate Order in Jurisdiction 3

Component	Amount	Percent	Embedded	Weighted			
Debt					0		
Preferred Equity							
Common Equity							
Weighted Cost of Capital	$ -						

Jurisdiction	Rate Base	Weighted cost	%	Weighted Return		
Total						

Schedule 2

BONNEVILLE POWER ADMINISTRATION

ASC Utility Filing Template

2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

Schedule 2: Capital Structure and Rate of Return (b)

Multi-Jurisdiction Investor-Owned Utility Return Calculation *(continued)*

Step 2: Gross Up Equity Return for Federal Income Taxes

Federal Income Tax Rate (Currently 35%) **35%**

Federal Income Tax Factor

*{(ROR (Embedded Cost of Debt * (Debt / (Total Capital))) * {(Federal Tax Rate / (1- Federal Tax Rate)}*

Federal Income Tax Adjusted Weighted Cost of Capital

(Weighted Cost of Capital Plus Federal Income Tax Factor)

Step 3: Calculate Return on Rate Base

	Total	Production	Transmission	Other
Total Rate Base from Schedule 1	$ -	$ -	$ -	$ -
Federal Income Tax Adjusted Weighted Cost of Capital				
Federal Income Tax Adjusted Return on Rate Base				

*(Total Rate Base * Federal Income Tax Adjusted Weighted Cost of Capital)*

Schedule 2

BONNEVILLE POWER ADMINISTRATION

ASC Utility Filing Template

2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

Schedule 2: Capital Structure and Rate of Return (b)

Consumer-Owned Utility Return Calculation

Step 1: Weighted Cost of Debt

Debt Issue	Original Amount	Year Issued	Year Due	Interest Rate	Interest Expense
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
Weighted Cost of Debt	$ -				$ -

Step 2: Calculate Return on Rate Base

	Total	Production	Transmission	Other
Total Rate Base from Schedule 1	$ -	$ -	$ -	$ -
Weighted Cost of Debt				
Return on Rate Base				

Schedule 2

BONNEVILLE POWER ADMINISTRATION
ASC Utility Filing Template
2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

Schedule 3: Expenses

Account Description	Form 1 Page Number	Form 1 Account Numbers	Functionalization Method Default	Functionalization Method Optional	Total	Production	Transmission	Distribution/ Other
Power Production Expenses:								
Steam Power Generation								
Steam Power - Fuel	320-323	501	PROD			-	-	-
Steam Power - Operations (Excluding 501 - Fuel)	320-323	500-509	PROD			-	-	-
Steam Power - Maintenance	320-323	510-515	PROD			-	-	-
Nuclear Power Generation								
Nuclear - Fuel	320-323	518	PROD			-	-	-
Nuclear - Operation (Excluding 518 - Fuel)	320-323	517-525	PROD			-	-	-
Nuclear - Maintenance	320-323	528-532	PROD			-	-	-
Hydraulic Power Generation								
Hydraulic - Operation	320-323	535-540.1	PROD			-	-	-
Hydraulic - Maintenance	320-323	541-545.1	PROD			-	-	-
Other Power Generation								
Other Power - Fuel	320-323	547	PROD			-	-	-
Other Power - Operations (Excluding 547 - Fuel)	320-323	546-550.1	PROD			-	-	-
Other Power - Maintenance	320-323	551-554.1	PROD			-	-	-
Other Power Supply Expenses								
Purchased Power (Excluding REP Reversal)	326	555	PROD			-	-	-
System Control and Load Dispatching	320-323	556	PROD			-	-	-
Other Expenses	320-323	557	PROD			-	-	-
BPA REP Reversal	327	555	PROD			-	-	-
Public Purpose Charges (h)			DIRECT					
Total Production Expense					$ -	$ -	$ -	$ -
Transmission Expenses: (i)								
Transmission of Electricity by Others (Wheeling)	320-323	565	TRANS			-	-	-
Total Operations less Wheeling	320-323	560-567.1	TRANS			-	-	-
Total Maintenance	320-323	568-574	TRANS			-	-	-
Total Transmission Expense					$ -	$ -	$ -	$ -

Schedule 3

BONNEVILLE POWER ADMINISTRATION
ASC Utility Filing Template
2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

Schedule 3: Expenses

Account Description	Form 1 Page Number	Form 1 Account Numbers	Functionalization Method Default	Functionalization Method Optional	Total	Production	Transmission	Distribution/ Other
Distribution Expense:								
Total Operations	320-323	580-589	DIST			-	-	-
Total Maintenance	320-323	590-598	DIST			-	-	-
Total Distribution Expense					$ -	$ -	$ -	$ -
Customer and Sales Expenses:								
Total Customer Accounts	320-323	901-905	DIST			-	-	-
Customer Service and Information	320-323	906-907	DIST			-	-	-
Customer Assistance Expenses (Major only)	320-323	908	DIST					
Customer Service and Information	320-323	909-910	DIST			-	-	-
Total Sales Expense	320-323	911-917	DIST			-	-	-
Total Customer and Sales Expenses					$ -	$ -	$ -	$ -
Administration and General Expense:								
Operation								
Administration and General Salaries	320-323	920	LABOR			-	-	-
Office Supplies & Expenses	320-323	921	LABOR			-	-	-
(Less) Administration Expenses Transferred - Credit	320-323	922	LABOR			-	-	-
Outside Services Employed	320-323	923	LABOR			-	-	-
Property Insurance	320-323	924	PTDG			-	-	-
Injuries and Damages	320-323	925	LABOR			-	-	-
Employee Pensions & Benefits	320-323	926	LABOR			-	-	-
Franchise Requirements	320-323	927	DIST			-	-	-
Regulatory Commission Expenses	320-323	928	DIST			-	-	-
(Less) Duplicate Charges - Credit	320-323	929	PTDG			-	-	-
General Advertising Expenses	320-323	930.1	DIST			-	-	-
Miscellaneous General Expenses	320-323	930.2	DIST			-	-	-
Rents	320-323	931	DIST			-	-	-
Transportation Expenses (Non Major)	320-324	933	DIST			-	-	-
Maintenance								
Maintenance of General Plant	320-323	935	GPM			-	-	-
Total Administration and General Expenses						$ -	$ -	$ -

Schedule 3

BONNEVILLE POWER ADMINISTRATION
ASC Utility Filing Template
2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

Schedule 3: Expenses

Account Description	Form 1 Page Number	Form 1 Account Numbers	Functionalization Method Default	Functionalization Method Optional	Total	Production	Transmission	Distribution/ Other
Total Operations and Maintenance					$ -	$ -	$ -	$ -
(Total Expenses: Production + Transmission + Distribution + Customer and Sales +Total Administration and General Expenses)								
Depreciation and Amortization:								
Amortization of Intangible Plant - Account 301	336	404	DIST			-	-	-
Amortization of Intangible Plant - Account 302	336	404	DIRECT	PTD		-	-	-
Amortization of Intangible Plant - Account 303	336	404	DIRECT	DIST		-	-	-
Steam Production Plant	336	403	PROD			-	-	-
Nuclear Production Plant	336	403	PROD			-	-	-
Hydraulic Production Plant - Conventional	336	403	PROD			-	-	-
Hydraulic Production Plant - Pumped Storage	336	403	PROD			-	-	-
Other Production Plant	336	403	PROD			-	-	-
Transmission Plant (i)	336	403	TRANS			-	-	-
Distribution Plant	336	403	DIST			-	-	-
General Plant	336	403	GP			-	-	-
Common Plant - Electric	336	403	DIRECT					
Common Plant - Electric	336	404	DIRECT					
Depreciation Expense for Asset Retirement Costs	336	403.1	DIRECT					
Amortization of Limited Term Electric Plant	336	404	DIRECT					
Amortization of Plant Acquisition Adjustments (Electric)	200-201	406	DIRECT					
Total Depreciation and Amortization					$ -	$ -	$ -	$ -
Total Operating Expenses					$ -	$ -	$ -	$ -
(Total O&M + Total Depreciation & Amortization)								

BONNEVILLE POWER ADMINISTRATION

ASC Utility Filing Template

2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

Schedule 3A Items: Taxes

Account Description	FERC Form 1 Page Number	FERC Form 1 Account Numbers	Funct. Method	Total	Production	Transmission	Distribution/ Other
FEDERAL							
Income Tax	262	409.1	DIST		-	-	-
Employment Tax	262	408.1	LABOR		-	-	-
Other Federal Taxes	262	408.1	DIST		-	-	-
TOTAL FEDERAL				$ -	$ -	$ -	$ -
STATE AND OTHER							
Property or In-Lieu (c)	262	408.1	PTDG		-	-	-
Unemployment	262	408.1	LABOR		-	-	-
State Income, B&O, et.	262	409.1	DIST		-	-	-
Franchise Fees	262	408.1	DIST		-	-	-
Regulatory Commission	262	408.1	DIST		-	-	-
City/Municipal	262	408.1	DIST		-	-	-
Other	262	408.1	DIST		-	-	-
TOTAL STATE AND OTHER TAXES				$ -	$ -	$ -	$ -
TOTAL TAXES				$ -	$ -	$ -	$ -

Schedule 3A

BONNEVILLE POWER ADMINSTRATION
ASC Utility Filing Template
2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

FERC Form 1 Statistical Classification	FERC Form 1 Page Number	Purchased Power - Base Period Settlement Total	Purchased Power - Base Period MWh Purchased	Purchased Power - Base Period Minus 1 Settlement Total	Purchased Power - Base Period Minus 1 MWh Purchased	Purchased Power - Base Period Minus 2 Settlement Total	Purchased Power - Base Period Minus 2 MWh Purchased
RQ	326-327						
LF	326-327						
IF	326-327						
SF	326-327						
LU	326-327						
IU	326-327						
OS	326-327						
EX	326-327						
NA	326-327						
AD	326-327						
TOTAL		$ -	-	$ -	-	$ -	-

FERC Form 1 Statistical Classification	FERC Form 1 Page Number	Sales for Resale - Base Period Settlement Total	Sales for Resale - Base Period MWh Sold	Sales for Resale - Base Period Minus 1 Settlement Total	Sales for Resale - Base Period Minus 1 MWh Sold	Sales for Resale - Base Period Minus 2 Settlement Total	Sales for Resale - Base Period Minus 2 MWh Sold
RQ	310-311						
LF	310-311						
IF	310-311						
SF	310-311						
LU	310-311						
IU	310-311						
OS	310-311						
EX	310-311						
NA	310-311						
AD	310-311						
TOTAL		$ -	-	$ -	-	$ -	-

3 YEAR
PP OSS Worksheet

BONNEVILLE POWER ADMINISTRATION
ASC Utility Filing Template
2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

Schedule 3B Other Included Items

Account Description	FERC Form 1 Page Number	FERC Form 1 Account Numbers	Functionalization Method Default	Functionalization Method Optional	Total	Production	Transmission	Distribution/ Other
Other Included Items:								
Regulatory Credits	114	407.4	DIRECT	PROD		-	-	-
(Less) Regulatory Debits	114	407.3	DIRECT	DIST		-	-	-
Gain from Disposition of Utility Plant	114	411.6	DIRECT	PROD		-	-	-
(Less) Loss from Disposition of Utility Plant	114	411.7	DIRECT	DIST		-	-	-
Gain from Disposition of Allowances	114	411.8	PROD			-	-	-
(Less) Loss from Disposition of Allowances	114	411.9	PROD			-	-	-
Miscellaneous Nonoperating Income	114	421	DIRECT	PROD		-	-	-
Total Other Included Items					$ -	$ -	$ -	$ -
Sales for Resale:								
Sales for Resale	310	447	PROD			-	-	-
Total Sales for Resale					$ -	$ -	$ -	$ -
Other Revenues:								
Forfeited Discounts	300	450	DIST			-	-	-
Miscellaneous Service Revenues	300	451	DIST			-	-	-
Sales of Water and Water Power	300	453	PROD			-	-	-
Rent from Electric Property	300	454	TD			-	-	-
Interdepartmental Rents	300	455	DIST			-	-	-
Other Electric Revenues	300	456	DIRECT	PROD		-	-	-
Revenues from Transmission of Electricity of Others (i)	330	456.1	TRANS			-	-	-
Total Other Revenues					$ -	$ -	$ -	$ -
Total Other Included Items *(Total Other + Total Sales for Resale + Total Other Revenue)*					$ -	$ -	$ -	$ -

BONNEVILLE POWER ADMINISTRATION

ASC Utility Filing Template

2008 Average System Cost Methodology

UTILITY NAME:	
End of Year Report Period:	
ASC Filing Date:	

Schedule 4: Average System Cost

	Total	Production	Transmission	Distribution/Other
Total Operating Expenses *(From Schedule 3)*	$	$	$	$
Federal Income Tax Adjusted Return on Rate Base *(From Schedule 2)*	$	$	$	$
State and Other Taxes *(From Schedule 3a)*	$	$	$	$
Total Other Included Items *(From Schedule 3b)*	$	$	$	$
Total Cost *(Total Operating Expenses + Return on Rate Base + State and Other Taxes - Total Other Included Items)*	$	$	$	$

Schedule 4

BONNEVILLE POWER ADMINISTRATION

ASC Utility Filing Template

2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

Schedule 4: Average System Cost

Contract System Cost		
Production	$ -	
Transmission	$ -	NLSL Fully Alloc. Cost ($/MWh)
(Less) New Large Single Load Costs (d)	$ -	
Total Contract System Cost	$ -	
Contract System Load (MWh)		
Total Retail Load		
(Less) New Large Single Load		
Total Retail Load (Net of NLSL) (d)	0	Distribution Losses (%)
Distribution Loss (f)	0	0
Total Contract System Load	0	
Average System Cost $/MWh	$0	

Schedule 4

BONNEVILLE POWER ADMINISTRATION
ASC Utility Filing Template
2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

Distribution of Salaries and Wages (For Labor Ratio Calculation)

Description	Form 1 Page Number	Amount
Electric		
Operation		
Production	354-355	
Transmission	354-355	
Distribution	354-355	
Customer Accounts	354-355	
Customer Service and Information	354-355	
Sales	354-355	
Administrative and General	354-355	
TOTAL Operation		$0
Maintenance		
Production	354-355	
Transmission	354-355	
Distribution	354-355	
Administrative and General	354-355	
TOTAL Maintenance		$0
Operation and Maintenance		
Production (Total of lines 16 and 26)	354-355	0
Transmission (Total of lines 17 and 27)	354-355	0
Distribution (Total of lines 18 and 28)	354-355	0
Customer Accounts (From line 20)	354-355	0
Customer Service and Information (From line 20)	354-355	0
Sales (From line 21)	354-355	0
Administrative and General (Total of lines 22 and 29)	354-355	0
TOTAL Operation and Maintenance		$0

Salaries

BONNEVILLE POWER ADMINISTRATION
ASC Utility Filing Template
2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

Ratio Table

Labor Ratio Input:

	Ratio Used	Total	Production	Transmission	Distribution
Production	PROD	$ -	$ -	$ -	$ -
Transmission	TRANS	-	-	-	-
Distribution	DIST	-	-	-	-
Customer Accounts	DIST	-	-	-	-
Customer Service and Informational	DIST	-			
Sales	DIST	-	-	-	-
Administrative & General	PTD	-	-	-	-
Total Labor		$ -	$ -	$ -	$ -
LABOR RATIO		0%	0%	0%	0%

GP	**General Plant Ratio**	Ratio Used	Total	Production	Transmission	Distribution
	Land and Land Rights	PTD	$ -	$ -	$ -	$ -
	Structures and Improvements	PTD	-	-	-	-
	Furniture and Equipment	LABOR	-	-	-	-
	Transportation Equipment	TD	-	-	-	-
	Stores Equipment	PTD	-	-	-	-
	Tools and Garage Equipment	PTD	-	-	-	-
	Laboratory Equipment	PTD	-	-	-	-
	Power Operated Equipment	TD	-	-	-	-
	Communication Equipment	PTD	-	-	-	-
	Miscellaneous Equipment	PTD	-	-	-	-
	Other Tangible Property	DIRECT	-	-	-	-
	Asset Retirement Costs for General Plant	PTD	-	-	-	-
	TOTAL		$ -	$ -	$ -	$ -
	GENERAL PLANT RATIO		0%	0%	0%	0%

Ratios

BONNEVILLE POWER ADMINISTRATION
ASC Utility Filing Template
2008 Average System Cost Methodology

UTILITY NAME:
End of Year Report Period:
ASC Filing Date:

Ratio Table

		Ratio Used	Total	Production	Transmission	Distribution
PTD	**Production, Transmission, Distribution Ratio**					
	Steam Production	PROD	$ -	$ -	$ -	$ -
	Nuclear Production	PROD	-	-	-	-
	Hydraulic Production	PROD	-	-	-	-
	Other Production	PROD	-	-	-	-
	Total Production Plant		-	-	-	-
	Transmission Plant	TRANS	-	-	-	-
	Total Distribution Plant	DIST	-	-	-	-
	TOTAL		$ -	$ -	$ -	$ -
	PTD RATIO		0%	0%	0%	0%

		Ratio Used	Total	Production	Transmission	Distribution
PTDG	**Production, Transmission, Distribution and General Plant Rati**					
	PTD Total		$ -	$ -	$ -	$ -
	Intangible Plant - Organization	DIST	-	-	-	-
	Intangible Plant - Franchises and Consents	DIRECT	-	-	-	-
	Intangible Plant - Miscellaneous	DIRECT	-	-	-	-
	General Plant Total		-	-	-	-
	TOTAL		$ -	$ -	$ -	$ -
	PTDG RATIO		0%	0%	0%	0%

		Ratio Used	Total	Production	Transmission	Distribution
TD	**Transmission and Distribution Plant Ratio**					
	Total Transmission Plant	TRANS	$ -	$ -	$ -	$ -
	Total Distribution Plant	DIST	-	-	-	-
	TOTAL		$ -	$ -	$ -	$ -
	TD RATIO		0%	0%	0%	0%

Ratios

BONNEVILLE POWER ADMINISTRATION
ASC Utility Filing Template
2008 Average System Cost Methodology

UTILITY NAME:	
End of Year Report Period:	
ASC Filing Date:	

Ratio Table

GPM	**Maintenance of General Plant Ratio**	**Ratio Used**	**Total**	**Production**	**Transmission**	**Distribution**
	Structures and Improvements	PTD	$ -	$ -	$ -	$ -
	Furniture and Equipment	LABOR	-	-	-	-
	Communication Equipment	PTD	-	-	-	-
	Miscellaneous Equipment	PTD	-	-	-	-
	TOTAL		$ -	$ -	$ -	$ -
	GPM RATIO		0%	0%	0%	0%

SUMMARY RATIO TABLE

Direct to Distribution	DIST	0.00%	0.00%	100.00%
Direct to Production	PROD	100.00%	0.00%	0.00%
Direct to Transmission	TRANS	0.00%	100.00%	0.00%
Direct Allocation	DIRECT	0.00%	0.00%	0.00%
General Plant	GP	0.00%	0.00%	0.00%
Maintenance of General Plant	GPM	0.00%	0.00%	0.00%
Labor Ratios	LABOR	0.00%	0.00%	0.00%
Production, Transmission, Distribution	PTD	0.00%	0.00%	0.00%
Production, Transmission, Distribution, General	PTDG	0.00%	0.00%	0.00%
Transmission, Distribution	TD	0.00%	0.00%	0.00%

Ratios

IX. AVERAGE SYSTEM COST METHODOLOGY APPENDIX 1 ENDNOTES

a/ Contract System Costs must reflect the costs and the revenues arising from conservation and/or retail rate schedules.

b/ The overall rate of return (ROR) to be applied to a Utility's Exchange Period rate base as shown in Appendix 1 must be equal to its weighted cost of capital (WCC), including debt, preferred stock and equity, from its most recently approved Regulatory Body Rate Order. For multi-Jurisdictional Utilities, a Utility will first determine the WCC for each Jurisdiction. The Utility will then determine a region-wide WCC based on applying the WCC times the Regulatory Body approved rate base from the same rate order used for the WCC.

The return on equity (ROE) used in the WCC calculation will then be grossed up for Federal income taxes at the marginal Federal income tax rate using the following formula to determine the percentage increase in the ROE used for ASC determination:

FIT Adder = {(WCC – (Cost of Debt * (Debt / (Total Capital))} * {(Federal Tax Rate / (1-Federal Tax Rate)}

The sum of the FIT Adder plus the ROE equals the Federal income tax adjusted ROE (TAROE). The TAROE will replace the ROE in the WCC calculation to determine a Federal income tax adjusted weighted cost of capital (TAWCC). The TAWCC will be multiplied by the total rate base from Schedule 1 to determine the return component on Schedule 2.

For Utilities that do not use depreciation for Jurisdictional rate setting, the return will be equal to the weighted cost of debt times the rate base included in the ASC filing.

c/ A tax-exempt Utility may include in-lieu taxes up to an amount that is comparable, for each unit of government paid in-lieu taxes, with taxes that would have been paid by a non-tax exempt utility to that unit of government. In no event will the Utility's regional total be greater than the actual amount paid or the amount used to determine the total revenue requirement. In-lieu taxes must be functionalized according to the PTDG ratio.

d/ The cost of additional resources sufficient to serve any New Large Single Load (NLSL) that was not contracted for, or committed to, prior to September 1, 1979, is to be determined as follows:

(1) To the extent that any NLSLs are served by dedicated resources at the cost of those resources, including applicable transmission;

(2) In the amount that NLSLs are not served by dedicated resources, at Bonneville's New Resources (NR) rates as established from time to time pursuant to section 7(f) of the Northwest Power Act, and as applicable to the Utility, and applicable Bonneville transmission charges if transmission costs are excluded in the determination of Bonneville's NR rate, to the extent those costs are recovered by the Utility's retail rates in the applicable Jurisdiction; and

(3) To the extent that NLSLs are not served by dedicated resources plus the Utility's purchases at the NR rate, the costs of the excess load will be determined by multiplying the kilowatt-hours not served under paragraphs (d)(1) and (d)(2) above, by the cost (annual fixed plus variable cost, including an appropriate portion of general plant, administrative and general expense and other items not directly assignable) per kilowatt-hour of all resources and long term power purchases (five years or more in duration), as allowed in the regulatory Jurisdiction to establish retail rates during the Exchange Period, exclusive of the following resources and purchases: (a) purchases at the NR rate; (b) purchases at the PF Exchange rate, pursuant to section 5(c) of the Northwest Power Act; (c) resources sold to Bonneville, pursuant to section 6(c)(1) of the Northwest Power Act; (d) dedicated resources specified in endnote d(1) of this Methodology; (e) resources and purchases committed to the Utility's load as of September 1, 1979, under a power requirements contract or that would have been so committed had the Utility entered into such a contract; and (f) experimental or demonstration units or purchases therefrom. Transmission needed to carry power from such generation resources or power purchases must be priced at the average cost of transmission during the Exchange Period.

The paragraphs (d)(1) through (d)(3) will determine the Base Period cost of resources used to serve NLSLs. Bonneville will escalate the Base Period cost of resources used to serve NLSLs to the Exchange Period using the following steps:

i. Escalate the components of the Base Period fully allocated resource costs to the Exchange Period using the general method for escalation of all Base Period costs.

ii. Adjust the projected resource costs by the projected transmission costs.

iii. Add the fully allocated costs for major resource additions/retirements to the Exchange Period fully allocated costs.

iv. The cost to serve NLSLs will change when the ASC changes due to resource additions/retirements.

v. The Exchange Period NLSL load will equal the Base Period NLSL load.

e/ The losses will be the distribution energy losses occurring between the transmission portion of the Utility's system and the meters measuring firm energy load. The distribution loss can be measured using one of the following 3 methods:

Method 1, Distribution Loss Study: Losses will be established according to a study (engineering, statistical and other) that is submitted to Bonneville by the Utility that will be subject to review by Bonneville. This study must be in sufficient detail so as to accurately identify average distribution losses associated with the Utility's total load, excluded loads, and the residential load. Distribution losses must include losses associated with distribution substations, primary distribution facilities, distribution transformers, secondary distribution facilities and service drops.

Method 2, Revenue Grade Meters: If a Utility does not have a loss study, but it has sufficient revenue grade meters in its distribution system, Bonneville will permit the Utility to directly measure its distribution losses subject to Bonneville review and approval. A Utility that does not possess the capability to directly measure its distribution losses will be required to submit a distribution loss study every seven years.

Method 3, Default: If a Utility does not have a current loss study or grade meters, Bonneville will accept the following method for determining a Utility's distribution loss factor.

i. Calculate a 5-year average total system loss factor, using data from the Base Period plus the preceding 4 years. IOUs will use data from the FERC Form 1. COUs will use a comparable data source.

ii. From this 5-year total system loss factor, subtract the loss factor for Bonneville's transmission system.

iii. The resulting loss factor will be deemed to be the exchanging Utility's distribution loss factor for calculating Contract System Load and exchange loads under the REP.

f/ Cash working capital (CWC) is a ratemaking convention that is not included in the FERC Form 1, but is part of all electric utility rate filings as a component of rate base. For determining the allowable amount of cash working capital in rate base for a Utility, Bonneville will allow no more than 1/8 of the functionalized costs of total production expenses, transmission expenses and Administrative and General expenses less purchased power, fuel costs, and Public Purpose Charge.

g/ Conservation costs are costs of energy audits and actual or planned load reduction resulting from direct application of a conservation measure (Northwest Power Act, section 3(19)(B)) by means of physical improvements, alterations, devices, or other installations that are measurable in units. Conservation costs funded by the Utility will be functionalized to Production in the Utility's Average System Cost. Conservation costs incurred to promote changes in consumer behavior including costs attributable to brochures, advertising, pamphlets, leaflets, and similar items will be functionalized by Direct Analysis with a default to Distribution/Other. Conservation surcharges imposed pursuant to section 4(f)(2) of the Northwest Power Act or other similar surcharges or penalties imposed on a Utility for failure to meet required conservation efforts will also be functionalized to Distribution/Other. Conservation and associated costs must be generally consistent with the Northwest Power and Conservation Council's resource plan as determined by Bonneville's Administrator.

h/ Public Purpose Charges collected by Utilities and distributed to independent third party non-profit organizations or state and local entities (recipient organizations) for the purposes of acquiring conservation and renewable resources shall be determined on a utility-by-utility basis through Direct Analysis. The ASC Methodology will only allow the costs of conservation and renewable resource development, acquisition and implementation. Allowable costs include costs

associated with energy audits and advertising and promotion of conservation and renewable resources.

In order to be included in Contract System Costs, the renewable resources acquired by the recipient must be included in the Utility's Integrated Resource Plan or similar document and, in the case of dispatchable resources, must be included in the Utility's resource stack. Bonneville will treat expenditures of Public Purchase Charge funds similar to Utility conservation costs.

i/ If a Utility has a ruling from its Regulatory Body that separates its transmission and distribution lines using the Commission's seven factor test contained in Order 888, as amended by Order 890, and its FERC Form 1 filing is consistent with the Regulatory Body's order, the Utility will include the transmission-related costs and wheeling revenues directly from its FERC Form 1 filing. However, if a Utility is not required to file a FERC Form 1, or it has not received an order from its Regulatory Body separating its lines between transmission and distribution, then it must perform a Direct Analysis on its transmission costs and wheeling revenues. The Direct Analysis must allocate transmission costs and wheeling revenues so that only the costs and revenues of transmission lines rated at 115kV or above are included as transmission. Alternatively, the Direct Analysis may use the Commission's seven factor test for separating transmission and distribution lines to determine the costs attributable to transmission.

j/ All revenues associated with the production and transmission function of a Utility will be functionalized to production or transmission respectively.

SUBCHAPTERS M–O [RESERVED]