Dockets UE-121697 and UG-121705 (consolidated), and UE-130137 and UG-130138 (consolidated)

NOTE: Highlighted exhibits are from the 2013 hearing record.

NUMBER	SPONSOR	A/R	DATE	DESCRIPTION
		BEI	NCH EXHI	BITS
B-1		A		Public Comment Exhibit
B-2	Public Counsel Staff ICNU	A	5/16/13	Testimony of Ken Elgin in PSE's General Rate Case, Dockets UE-111048/UG-111049, Exhibit KLE-1T, December 7, 2011.
B-3	Staff	A	5/23/13	PSE Response to Bench Request 1
B-4	PSE Staff	A	5/23/13	PSE Response to Bench Request 2
B-6	PSE Staff	A	6/4/13	Regulatory Research Associates, Regulatory Focus, Major Rate Case Decisions—January- March 2013 (April 10, 2013)
		STIPUI	LATION E	XHIBITS
S-1	Multiple parties	A	5/16/13	Multiparty Settlement Re: Coal Transition PPA and Other Pending Dockets" (Stipulation) filed on March 22, 2013
S-2	Staff	A	5/16/13	The Energy Project's Joinder in the Multiparty Settlement Re: Coal Transition PPA and Other Pending Dockets
S-3	Staff	A	5/16/13	The Northwest Industrial Gas Users' Joinder in the Multiparty Settlement Re: Coal Transition PPA and Other Pending Dockets
		PS	E WITNES	
Katherine J. Barr	nard, Director Revenu	e Requ	irements a	nd Regulatory Compliance, PSE
KJB-1T	PSE Staff	A	5/16/13	Prefiled Direct Testimony re calculation of K-factors
KJB-2	PSE Staff	A	5/16/13	Witness Qualifications
KJB-3	PSE Staff Public Counsel	A	5/16/13	Annual Growth Rate Based on GRC Compliance Filing Workpapers-Electric Operations
KJB-4	PSE Staff Public Counsel	A	5/16/13	K-Factor Calculations
KJB-5	Staff PSE	A	5/16/13	Non-Production Plant-6/2012 Actual and Forecasts for 12/2013-12/2015
*Barnard Testimon	ny for ERF Dockets (Ul	E-13013	37 and UG-1	130138) only

KJB-1T*	Staff	A	5/16/13	Prefiled Direct Testimony updating electric and natural gas costs and describing property tax tracker
KJB-2*	Staff	A	5/16/13	Witness Qualifications
KJB-3*	Staff	A	5/16/13	Electric Results of Operations Summary; Electric Revenue Requirement
KJB-4*	Staff	A	5/16/13	Gas Results of Operations Summary; Gas Revenue Requirement
KJB-5*	Staff	A	5/16/13	Electric Results of Operations Detailed Adjustments
KJB-6*	Staff	A	5/16/13	Gas Results of Operations Detailed Adjustments
KJB-11T	PSE Staff	A	5/16/13	Prefiled Rebuttal Testimony
KJB-16	Staff	A	5/16/13	Puget Sound Energy K-Factor Calculation
	PSE			Based on Per Customer Escalation Rates
KJB-17	Staff	A	5/16/13	Puget Sound Energy Incremental Ratebase Supported by Customer Growth
Tom DeBoer, Dire	ector, Federal and Sta	te Regu	ılatory Affa	irs, PSE
TAD-1T	PSE	A	5/16/13	Prefiled Direct Testimony providing "a high level overview" of PSE/NWEC's original decoupling proposal in these dockets
TAD-2	PSE	A	5/16/13	Witness Qualifications
Daniel A. Doyle, S	Senior Vice President	and Ch	ief Financia	nl Officer, PSE
DAD-1T	PSE Staff	A	5/16/13	Prefiled Rebuttal Testimony
DAD-2	PSE Staff	A	5/16/13	Witness Qualifications
DAD-3	PSE Staff	A	5/16/13	Average Authorized ROE and Equity Share in Capital Structure for the Operating Utilities In ICNU's Proposed Proxy Group
DAD-4T	Daniel A. Doyle, for PSE	A	2/13/15	Direct Testimony-Remand Phase
DAD-5		A	2/13/15	Comparison of Earnings Sharing Level and Opportunity to Earn Authorized Return on Equity
DAD-6		A	2/13/15	Decoupling Deferrals July 2013-June 2014
DAD-7		A	2/13/15	Effects of Weather on PSE Decoupling Deferrals

DAD-8T		Α	2/13/15	Rebuttal Testimony
DAD-9		A	2/13/15	PSE Response to ICNU DR 027
DAD-10		A	2/13/15	Combined Electric and Gas Operations-
DAD-10		A	2/13/13	Multiple Regression Analysis of Historical Net Income
DAD-11		A	2/13/15	Combined Electric and Gas Operations- Multiple Regression Analysis of Historical Cash Flow
DAD-12		A	2/13/15	Impact of ROE on the Lack of an Earnings Sharing Dead Band (Using Electric as an Example)
CROSS-EXAMIN	NATION EXHIBITS			
DAD-13 CX	Public Counsel	A	2/13/15	PSE's Response to PC Data Request No. 119
DAD-14 CX	Public Counsel	A	2/13/15	PSE's Response to PC Data Request No. 120 (Without Attachment A)
		_		
Jeffrey A. Dubin,	Consultant		•	
JAD-1T	Jeffrey A. Dubin, for PSE	A	2/13/15	Remand Rebuttal Testimony responding to Public Counsel and ICNU Witness Adolph
JAD-2		A	2/13/15	Qualifications
CROSS-EXAMIN	NATION EXHIBITS		•	
JAD-3CX	Public Counsel	A	2/13/15	PSE Response to Public Counsel DR 095
				_
Kenneth S. Johns	on, Director, Rates an	d Regi	ılatory Affa	nirs, PSE
KSJ-1T	PSE	A	5/16/13	Prefiled Rebuttal Testimony
KSJ-2	PSE	A	5/16/13	Witness Qualifications
Brandon J. Lohse				
BJL-1T	Brandon J. Lohse, for PSE	A	2/13/15	Prefiled Direct Testimony describing PSE's existing capital structure and overall rate of return as of 12 months ended March 31, 2013
BJL-2		A	2/13/15	Professional Qualifications
BJL-3		A	2/13/15	Utility Capital Structure Cost of Capital and Rates of Return for Rate Year, May 2012- April 2013
BJL-4		A	2/13/15	Utility Capital Structure Cost of Capital and Rates of Return for 12 Months Ended March 31, 2013

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BJL-5		A	2/13/15	Utility Capital Structure Cost of Capital and Rates of Return for 12 Months Ended September 30, 2014
BJL-6		A	2/13/15	Rate Case History-Nationwide Rate Cases 2013 and 2014
BJL-7		A	2/13/15	PSE Bonds Maturing
CROSS-EXAMIN	ATION EXHIBITS			
D 4 35 1 6	· · · · ·			
Roger A. Morin, C		<u> </u>	T	
RAM-1T	Roger A. Morin, for PSE	A	2/13/15	Remand Direct Testimony re cost of capital
RAM-2		A	2/13/15	Professional Qualifications
RAM-3		A	2/13/15	CAPM, Empirical CAPM Discussion Paper
RAM-4		A	2/13/15	DCF Analysis Using Value Line Growth Rates (First Half 0f 2013)
RAM-5		A	2/13/15	DCF Analysis Using Analysts' Growth Forecasts (First Half of 2013)
RAM-6		A	2/13/15	Beta Estimates, Combination Electric and Gas Utilities (First Half of 2013)
RAM-7		A	2/13/15	MRP Calculations Using Value Line Database (First Half of 2013)
RAM-8		A	2/13/15	Utility Industry Historical Risk Premium (First Half of 2013)
RAM-9		A	2/13/15	Allowed Risk Premium, Electric Utility Industry (First Half of 2013)
RAM-10		A	2/13/15	Combination Electric and Gas Utilities DCF Analysis Using Value Line Growth Rates (Second Half of 2014)
RAM-11		A	2/13/15	Combination Electric and Gas Utilities DCF Analysis Using Analysts' Growth Rates (Second Half of 2014)
RAM-12		A	2/13/15	Beta Estimates, Combination Electric and Gas Utilities (Second Half of 2014)
RAM-13		A	2/13/15	MRP Calculations Market Index(Second Half of 2014)
RAM-14		A	2/13/15	Utility Industry Historical Risk Premium (Second Half of 2014)
RAM-15		A	2/13/15	Allowed Risk Premium, Electric Utility Industry (Second Half of 2014)

RAM-16T		A	2/13/15	Remand Rebuttal Testimony
RAM-17		A	2/13/15	Gross Domestic Product 1984-2013
CROSS-EXAMIN	NATION EXHIBITS			
RAM-18 CX	Public Counsel	A	2/13/15	Rebuttal Testimony of Roger A. Morin, Ph.D. on behalf Hawaiian Electric Company, Inc., HECO-No. 2008-0083
RAM-19 CX	Public Counsel	A	2/13/15	Morin update to Cost of Capital Testimony, Exhibit 7 HECO – No. 2008-0083 (Schedules not included)
RAM-20 CX	Public Counsel	A	2/13/15	PSE's Response to PC Data Request No. 084
RAM-21 CX	Public Counsel	A	2/13/15	PSE's Response to PC Data Request No. 085
RAM-22 CX	Public Counsel	A	2/13/15	PSE's Response to PC Data Request No. 089 (Attachment A Included)
RAM-23 CX	Public Counsel	A	2/13/15	Direct and Rebuttal Testimony, Cascade GRC 2006, Docket UG-060256 (Attachments Omitted)
RAM-24 CX	ICNU	A	2/13/15	Excerpt of Order No. 15556 in DC Pepco Rate Case, Docket No. 1053 (Sept. 28, 2009)
RAM-25 CX	ICNU	A	2/13/15	Excerpt of Dr. Morin Direct Testimony in DC Pepco Rate Case, Docket No. 1053
RAM-26 CX	ICNU	A	2/13/15	Excerpt of Dr. Morin Rebuttal Testimony in DC Pepco Rate Case, Docket No. 1053
RAM-27 CX	ICNU	A	2/13/15	NV Energy-MidAmerican Merger Announcement
Jon A. Piliaris, M	anager of Pricing and	Cost o	f Service, P	SE
JAP-1T	PSE	A	5/16/13	Prefiled Direct Testimony presenting details of proposed decoupling mechanisms, as filed October 26, 2012
JAP-2	PSE	A	5/16/13	Witness Qualifications
JAP-8T	PSE Staff	A	5/16/13	Prefiled Supplemental Direct Testimony presenting proposed changes to the joint decoupling proposal originally filed in October 2012
JAP-9	PSE Staff	A	5/16/13	Detailed Description of Electric Revenue Decoupling Mechanism
JAP-10	PSE Staff	A	5/16/13	Detailed Description of Gas Revenue Decoupling Mechanism
JAP-13	PSE Staff	A	5/16/13	Electric Earnings Test

				1
JAP-14	Staff	A	5/16/13	Development of Annual Allowed Delivery Revenue Per Customer-Electric (Exclusive of Related Property Taxes)
JAP-15	Staff	A	5/16/13	Development of Annual Allowed Delivery Revenue Per Customer-Natural Gas (Exclusive of Related Property Taxes)
JAP-16	Staff	A	5/16/13	Development of Monthly Allowed Delivery Revenue Per Customer-Electric
JAP-17	Staff	A	5/16/13	Development of Annual Allowed Delivery Revenue Per Customer-Natural Gas
JAP-18	PSE Staff	A	5/16/13	Development of Delivery Cost Energy Rate and Schedule 139 Rate-Electric—Rate Year May 1, 2013 – April 30,2014
JAP-19	PSE Staff	A	5/16/13	Development of Delivery Cost Energy Rate and Schedule 139 Rate-Natural Gas—Rate Year May 1, 2013 – April 30,2014
JAP-24T	PSE	A	5/16/13	Prefiled Rebuttal Testimony
JAP-26 X	PSE	A	5/16/13	PSE's Response to Public Counsel Data Request No. 22 (Including Attachments A and B)
Michael J. Vilber	t, Consultant			
MJV-1T	Michael J. Vilbert, for PSE	A	2/13/15	Remand Direct Testimony re empirical evidence of decoupling vis-à-vis cost of capital
MJV-2		Α	2/13/15	Professional Qualifications
MJV-3		A	2/13/15	Decoupling Decisions and the Reduction in the Allowed Return on Equity – Gas and Electric
MJV-4		A	2/13/15	Time Pattern of Deductions in Electric Decoupling Decisions
MJV-5		A	2/13/15	Time Pattern of Deductions in Gas Decoupling Decisions
MJV-6		A	2/13/15	Trends in the Annual Growth Rate of Total Electricity Use by U.S. Residential and Commercial Customers, 1950 - 2010
MJV-7		A	2/13/15	Trends in the Annual Growth Rate of Total Natural Gas Use by U.S. Residential and Commercial Customers, 1950 - 2010
MJV-8		A	2/13/15	Range of States with Decoupling Policies for the Gas LDCs
MJV-9		A	2/13/15	Trend in the Decoupling Indexes of the Gas Holding Companies

MJV-11		A	2/13/15	Range of States with Decoupling Policies for
				Electric Industry
MJV-12		A	2/13/15	Statistical Results of the Electric Decoupling Model
MJV-13		A	2/13/15	Statistical Results of the Electric Decoupling Model for Period Ended 4Q2012
MJV-14		A	2/13/15	Three Groups of Innovative Ratemaking Policies
MJV-15		A	2/13/15	True-up Decoupling and Fixed Variable Rates in the Sample
MJV-16		A	2/13/15	Frequency of Second Group of Innovative Rate Policies
MJV-17		A	2/13/15	Fuel and Purchased Power Adjustment Clauses in the Sample
MJV-18T		A	2/13/15	Remand Rebuttal Testimony
MJV-19		A	2/13/15	The Brattle Group – Development of Decoupling Impact Studies for the Natural Gas LDC and Electric Utility Industries
MJV-20		A	2/13/15	The Brattle Group – Development of Decoupling Studies for the Natural Gas LDC and Electric Utility Industries
MJV-21		A	2/13/15	Gas LDC Sample – Percentage of Regulated Assets
CROSS-EXAMIN	ATION EXHIBITS			
MJV-22 CX	Public Counsel	A	2/13/15	PSE's Response to PC Data Request No. 049 (Attachment B Excerpt)
MJV- 23 CX	Public Counsel	A	2/13/15	PSE's Response to PC Data Request No. 052
MJV-24 CX	Public Counsel	A	2/13/15	PSE's Response to PC Data Request No. 055
MJV-25 CX	Public Counsel	A	2/13/15	PSE's Response to PC Data Request No. 056
MJV-26 CX	Public Counsel	A	2/13/15	PSE's Response to PC Data Request No. 057 (Attachments A and B Included)
MJV-27 CX	Public Counsel	A	2/13/15	PSE's Response to PC Data Request No. 059
MJV-28 CX	Public Counsel	A	2/13/15	PSE's Response to PC Data Request No. 060
MJV-29 CX	Public Counsel	A	2/13/15	PSE's Response to PC Data Request No. 061
MJV-30 CX	Public Counsel	A	2/13/15	PSE's Revised Response to PC Data Request No. 063
MJV-31 CX	Public Counsel	A	2/13/15	PSE's Response to PC Data Request No. 066
MJV-32 CX	Public Counsel	A	2/13/15	PSE's Response to PC Data Request No. 067
MJV-33C CX	Public Counsel			PSE's Response to PC Data Request No. 70 Attachment B Excerpts: Brattle Sample Selection Electric Study March 2014 Non-

				Protected, Tab ROE and Electric Battle Sample Section Protecte d 2014, Tab ROE Multistage Matrix
MJV-34 CX	Public Counsel	A	2/13/15	PSE's Response to PC Data Request No. 096
MJV-35 CX	Public Counsel	A	2/13/15	PSE's Response to PC Data Request No. 107 (Attachment A Omitted)
MJV-36 CX	Public Counsel	A	2/13/15	PSE's Response to PC Data Request No. 108
MJV-37 CX	Public Counsel	A	2/13/15	PSE's Response to PC Data Request No. 110 (Attachment A Omitted)
MJV-38 CX	Public Counsel	A	2/13/15	Vilbert Direct Workpapers Gas Brattle Sample Selection (PSE) (11.05/2014).xlsx, tab MSROE
MJV-39 CX	Public Counsel	A	2/13/15	Brattle Group/Vilbert Decoupling Studies
MJV-40 CX	ICNU	A	2/13/15	Excerpt of Avista 2014 Rate Case Order 05, Docket Nos. UE-140188 / UG-140189
MJV-41 CX	ICNU	A	2/13/15	Excerpt of Minnesota PUC Order in CenterPoint Rate Case, Docket Nos. G-008/GR-13-316 (June 9, 2014)
MJV-42 CX	ICNU	A	2/13/15	Excerpt of Indiana Utility Regulatory Commission Order in Vectren Rate Case, Cause No. 43839 (Apr. 27, 2011)
MJV-43 CX	ICNU	A	2/13/15	Excerpt of Wisconsin PSC Order, Docket No. 6690-UR-122 (Dec. 18, 2013)
MJV-44 CX	ICNU	A	2/13/15	Excerpt of Duke Energy 2013 Form 10-K
MJV-45 CX	ICNU	A	2/13/15	Excerpt of Northeast Utilities 2013 Form 10-K
MJV-46 CX	ICNU	A	2/13/15	PSE Responses to ICNU Data Request Nos. 2.19 – 2.22
MJV-47 CX	ICNU	A	2/13/15	PSE First Revised Response to ICNU Data Request No. 2.23 and complete Attachment A.
MJV-48 CX	ICNU	A	2/13/15	PSE Responses to ICNU Data Request Nos. 28 – 29 and complete Attachment A to DR 29.
MJV-49 CX	ICNU	A	2/13/15	PSE Response to ICNU Data Request No. 26
MJV-50 CX	ICNU	A	2/13/15	Attachment A to PSE Response to Public Counsel Data Request No. 69 (two page chart)
				Record
	L N. 4 LD		VEC WITN	ESSES
	h, Natural Resources	ı		
RCC-1T	PSE Staff	A	5/16/13	Prefiled Direct Testimony supporting petition (focusing on changes from NWEC proposal in Dockets UE-111048 and UG-111049)

RCC-2T	PSE Staff	A	5/16/13	Prefiled Direct Testimony in Dockets UE- 111048 and UG-111049
RCC-3T	PSE Staff	A	5/16/13	Prefiled Supplemental Direct Testimony supporting revised petition (filed March 4, 2013) (focusing on changes from PSE/NWEC initial proposal in this proceeding)
RCC-4T	PSE Staff	A	5/16/13	Prefiled Rebuttal Testimony
RCC-5	PSE Staff	A	5/16/13	Morgan, Pamela, A Decade of Decoupling for US Energy Utilities: Rate Impacts, Designs, and Observations
RCC-6T	Ralph C. Cavanagh, for NWEC	A	2/13/15	Remand Rebuttal Testimony
CROSS-EXAMIN	NATION EXHIBITS			
Nancy Hirsch, Pol	licy Director, NWEC			
NH-1T	PSE	A	5/16/13	Prefiled Direct Testimony supporting multiparty settlement re decoupling and Coal Transition PPA
NH-2T	PSE	A	5/16/13	Prefiled Rebuttal Testimony
CROSS-EXAMIN	NATION EXHIBITS		•	
	COM	MISSI	ON STAFF	WITNESSES
David C. Parcell,	Consultant			
DCP-1T		A	2/13/15	Remand Response Testimony
DCP-2		A	2/13/15	Qualifications
DCP-3		A	2/13/15	PSE History of Credit Ratings
DCP-4		A	2/13/15	PSE Capital Structure Ratios
DCP-5		A	2/13/15	AUS Utility Reports Electric Utility Groups Average Common Equity Ratios
DCP-6		A	2/13/15	Proxy Companies Basis for Selection
DCP-7		A	2/13/15	Proxy Companies DCF Cost Rate
DCP-8		A	2/13/15	Standard & Poor's 500 Composite Risk Premiums
DCP-9		A	2/13/15	Proxy Companies CAPM Cost Rates
DCP-10		A	2/13/15	Proxy Companies Rates of Return on Average Common Equity and Market-to-Book Ratios

DCP-11		Α	2/13/15	Standard & Door's 500 Commonite Date
DCF-11		A	2/13/13	Standard & Poor's 500 Composite Returns on Equity and Market-to-Book Ratios
DCP-12		A	2/13/15	Risk Indicators
DCP-13		A	2/13/15	Allowed Return on Equity and Common Equity Ratios for Electric Utilities in 2012 and 2013
CROSS-EXAMIN	NATION EXHIBITS			
DCP-14 CX	Public Counsel	A	2/13/15	Staff's Response to PC Data Request No. 2 (Attachment Included)
DCP-15 CX	Public Counsel	A	2/13/15	Staff's Supplemental Response to PC Data Request No. 2 (Excerpt of Attachments)
DCP-16 CX	Public Counsel	A	2/13/15	2006 Cascade GRC UG-060256 Testimony of Staff Witness David Parcell
DCP-17 CX	Public Counsel	A	2/13/15	2014 PacifiCorp GRC UE-140762 Testimony of Staff Wintess David Parcell
DCP-18 CX	ICNU	A	2/13/15	Moody's Report on Puget Energy and Puget Sound Energy (Jan. 30, 2014)
DCP-19 CX	ICNU	A	2/13/15	Excerpt of Hearing Transcript in 2014 PacifiCorp General Rate Case, Docket Nos. UE-140762 et al. (Dec. 16, 2014)
DCP-20 CX	ICNU	A	2/13/15	Excerpt of Parcell Direct Testimony in Delmarva Rate Case, Delaware PSC, Docket No. 12-546 (June 3, 2013)
DCP-21 CX	ICNU	A	2/13/15	Excerpt of Direct Testimony in PacifiCorp General Rate Case, Docket Nos. UE-140762 et al. (Oct. 10, 2014)
Deborah J. Reyno Services Division,		r of Co	onservation	and Energy Planning in the Regulatory
DJR-1T	PSE Staff ICNU	A	5/16/13	Prefiled Direct Testimony Supporting PSE/NWEC Petition for Decoupling
CROSS-EXAMIN	ATION EXHIBITS			
Thomas E. School	ley, Assistant Director	- Ene	rgy Regulat	ion, Regulatory Services Division, UTC
TES-1T	PSE			Prefiled Direct Testimony in support of
	Staff			Multiparty Settlement
TES-2	PSE Staff			Correspondence Between Governor's Office and UTC Chairman
TES-3	PSE Staff			Comparison of Rate Changes to Earned Returns at PSE for 2005 through 2011

TES-4T	PSE			
1ES-41	Staff			
	Public Counsel			
	ICNU			Prefiled Rebuttal Testimony
TES-5	PSE			Comparison of Rate Changes to Earned Returns
1E3-3	Staff			at PSE
TES-6T	Thomas E.	A	2/13/15	atron
1E5-01	Schooley, for Staff	A	2/13/13	Remand Response Testimony
TES-7	Schooley, for Staff	A	2/13/15	Thurston County Superior Court Transcript
1125-7		A	2/13/13	of Oral Argument on Petitions for Judicial
				Review of Order 07
TES-8		A	2/13/15	Comparison of Rate Changes to Earned
TES 0		11	2/15/15	Returns at PSE for 2005 - 2013
CROSS-EXAMIN	NATION EXHIBITS			Accounts at 152 for 2000 2010
TES-6 X	PSE			Excerpt from the Deposition of Thomas
	Public Counsel			Schooley, pp. 59-61
TES-7 X	PSE			Excerpt from the Deposition of Thomas
	Public Counsel			Schooley, pp. 45-47
TES-8X	PSE	Α	5/16/13	Puget Sound Energy, Inc.'s Annual
				"Commission Basis" Results of Operations for
				the 12-month period ended December 31, 2012
TES-9 CX	Public Counsel	A	2/13/15	Staff's Response to PC Data Request No. 14
TES-10 CX	Public Counsel	A	2/13/15	Staff's Response to PC Data Request No. 15
TES-11 CX	Public Counsel	1	2/13/15	2014 Avista Rate Case UE-140188 Testimony
				of Staff Witness Kenneth L. Elgin
		<u>JBLIC</u>	COUNSEL	and ICNU
	dolph, Consultant	•		
CAA-1T	Christopher A.	A	2/13/15	Remand Response Testimony
	Adolph, for Public			
	Counsel and ICNU		0/10/15	0 100 1
CAA-2		A	2/13/15	Qualifications
CROSS-EXAMIN	NATION EXHIBITS			
		DIT		NCET
Iomog D Dittmon	Congultant	PUI	BLIC COU	NSEL
James R. Dittmer	1	Ι Δ	5/16/12	Drofiled Despense Testing and To EDE
JRD-1T	Public Counsel Staff	A	5/16/13	Prefiled Response Testimony re ERF, Decoupling and Rate Plan (K-factor), and
	ICNU			alternative proposal re Rate Plan
	ICNU			anemative proposarie Kate Fian

¹ Received as an offer of proof at TR. 753:14-755:11.

IDD A	D 11' C 1	Α	E/1 C/10	W., O 1.C
JRD-2	Public Counsel	A	5/16/13	Witness Qualifications
	Staff ICNU			
JRD-3	Public Counsel	A	5/16/13	PSE Projected Schedule 139 Decoupling with K-
JKD-3	Staff	A	3/10/13	Factor Revenues
	ICNU			1 actor Revenues
JRD-4	Public Counsel	Α	5/16/13	Comparison of PSE and Public Counsel ERF
TIES 1	ICNU	11	2/10/12	Revenue Requirement Deficiency (Electric)
JRD-5	Public Counsel	Α	5/16/13	Comparison of PSE and Public Counsel ERF
	ICNU			Revenue Requirement Deficiency (Gas)
JRD-6C	Public Counsel	Α	5/16/13	PSE Response to Public Counsel DR
	ICNU			032(Dockets UE-130137 & UG-130138)
				(Confidential) and Public Counsel Calculated
				Growth in Regulatory ADIT)
Stephen G. Hill, C		ı		
SGH-1T	PSE			Prefiled Response Testimony proposing 50 basis
	Staff			point risk adjustment to return on equity and an
	Public Counsel			additional 30 basis point reduction to reflect
	ICNU			changes in capital market since May 2012 conclusion of Dockets UE-111048/UG-111049
SGH-2Tr	Stephen G. Hill for	A	2/13/15	Remand Response Testimony-Estimating PSE
5011-211	Public Counsel	A	2/13/13	Cost of Equity during the first half of 2013,
	I ublic Coulisci			
				prior to 6/25/2013; responding to PSE Direct
				prior to 6/25/2013; responding to PSE Direct Testimony-Remand Phase (Revised 12/9/14)
SGH-3		A	2/13/15	prior to 6/25/2013; responding to PSE Direct Testimony-Remand Phase (Revised 12/9/14) Sustainable Growth
SGH-3 SGH-4		A A	2/13/15 2/13/15	Testimony-Remand Phase (Revised 12/9/14)
				Testimony-Remand Phase (Revised 12/9/14) Sustainable Growth
SGH-4		A	2/13/15	Testimony-Remand Phase (Revised 12/9/14) Sustainable Growth PSE Electric Utility Sample Group Selection
SGH-4 SGH-5		A A	2/13/15 2/13/15	Testimony-Remand Phase (Revised 12/9/14) Sustainable Growth PSE Electric Utility Sample Group Selection PSE DCF Growth Rate Parameters
SGH-4 SGH-5 SGH-6 SGH-7r		A A A	2/13/15 2/13/15 2/13/15 2/13/15	Testimony-Remand Phase (Revised 12/9/14) Sustainable Growth PSE Electric Utility Sample Group Selection PSE DCF Growth Rate Parameters PSE DCF Growth Rates Individual Sample Company Growth Rate Analyses (Revised 12/9/14)
SGH-4 SGH-5 SGH-6 SGH-7r SGH-8		A A A A	2/13/15 2/13/15 2/13/15 2/13/15 2/13/15	Testimony-Remand Phase (Revised 12/9/14) Sustainable Growth PSE Electric Utility Sample Group Selection PSE DCF Growth Rate Parameters PSE DCF Growth Rates Individual Sample Company Growth Rate Analyses (Revised 12/9/14) PSE Stock Price, Dividends, Yields
SGH-4 SGH-5 SGH-6 SGH-7r SGH-8 SGH-9		A A A	2/13/15 2/13/15 2/13/15 2/13/15 2/13/15 2/13/15	Testimony-Remand Phase (Revised 12/9/14) Sustainable Growth PSE Electric Utility Sample Group Selection PSE DCF Growth Rate Parameters PSE DCF Growth Rates Individual Sample Company Growth Rate Analyses (Revised 12/9/14) PSE Stock Price, Dividends, Yields PSE DCF Cost of Equity Capital
SGH-4 SGH-5 SGH-6 SGH-7r SGH-8 SGH-9 SGH-10		A A A A	2/13/15 2/13/15 2/13/15 2/13/15 2/13/15 2/13/15 2/13/15	Testimony-Remand Phase (Revised 12/9/14) Sustainable Growth PSE Electric Utility Sample Group Selection PSE DCF Growth Rate Parameters PSE DCF Growth Rates Individual Sample Company Growth Rate Analyses (Revised 12/9/14) PSE Stock Price, Dividends, Yields PSE DCF Cost of Equity Capital PSE Mechanical DCF Cost of Equity Capital
SGH-4 SGH-5 SGH-6 SGH-7r SGH-8 SGH-9		A A A A A	2/13/15 2/13/15 2/13/15 2/13/15 2/13/15 2/13/15	Testimony-Remand Phase (Revised 12/9/14) Sustainable Growth PSE Electric Utility Sample Group Selection PSE DCF Growth Rate Parameters PSE DCF Growth Rates Individual Sample Company Growth Rate Analyses (Revised 12/9/14) PSE Stock Price, Dividends, Yields PSE DCF Cost of Equity Capital
SGH-4 SGH-5 SGH-6 SGH-7r SGH-8 SGH-9 SGH-10		A A A A A A A	2/13/15 2/13/15 2/13/15 2/13/15 2/13/15 2/13/15 2/13/15	Testimony-Remand Phase (Revised 12/9/14) Sustainable Growth PSE Electric Utility Sample Group Selection PSE DCF Growth Rate Parameters PSE DCF Growth Rates Individual Sample Company Growth Rate Analyses (Revised 12/9/14) PSE Stock Price, Dividends, Yields PSE DCF Cost of Equity Capital PSE Mechanical DCF Cost of Equity Capital
SGH-4 SGH-5 SGH-6 SGH-7r SGH-8 SGH-9 SGH-10 SGH-11		A A A A A A A A A	2/13/15 2/13/15 2/13/15 2/13/15 2/13/15 2/13/15 2/13/15 2/13/15	Testimony-Remand Phase (Revised 12/9/14) Sustainable Growth PSE Electric Utility Sample Group Selection PSE DCF Growth Rate Parameters PSE DCF Growth Rates Individual Sample Company Growth Rate Analyses (Revised 12/9/14) PSE Stock Price, Dividends, Yields PSE DCF Cost of Equity Capital PSE Mechanical DCF Cost of Equity Capital PSE CAPM Cost of Equity Capital PSE CAPM Cost of Equity Capital PSE Earnings-Price Ratio Proof PSE Modified Earnings-Price Analysis
SGH-4 SGH-5 SGH-6 SGH-7r SGH-8 SGH-9 SGH-10 SGH-11 SGH-12		A A A A A A A A A A	2/13/15 2/13/15 2/13/15 2/13/15 2/13/15 2/13/15 2/13/15 2/13/15 2/13/15	Testimony-Remand Phase (Revised 12/9/14) Sustainable Growth PSE Electric Utility Sample Group Selection PSE DCF Growth Rate Parameters PSE DCF Growth Rates Individual Sample Company Growth Rate Analyses (Revised 12/9/14) PSE Stock Price, Dividends, Yields PSE DCF Cost of Equity Capital PSE Mechanical DCF Cost of Equity Capital PSE CAPM Cost of Equity Capital PSE CAPM Cost of Equity Capital PSE Earnings-Price Ratio Proof
SGH-4 SGH-5 SGH-6 SGH-7r SGH-8 SGH-9 SGH-10 SGH-11 SGH-12 SGH-13		A A A A A A A A A A A	2/13/15 2/13/15 2/13/15 2/13/15 2/13/15 2/13/15 2/13/15 2/13/15 2/13/15 2/13/15	Testimony-Remand Phase (Revised 12/9/14) Sustainable Growth PSE Electric Utility Sample Group Selection PSE DCF Growth Rate Parameters PSE DCF Growth Rates Individual Sample Company Growth Rate Analyses (Revised 12/9/14) PSE Stock Price, Dividends, Yields PSE DCF Cost of Equity Capital PSE Mechanical DCF Cost of Equity Capital PSE CAPM Cost of Equity Capital PSE CAPM Cost of Equity Capital PSE Earnings-Price Ratio Proof PSE Modified Earnings-Price Analysis

SGH-17		A	2/13/15	PSE Cost of Equity Impact of a 41 to 49 Basis		
5011-17			2/13/13	Point Reduction in After-tax weighted average cost of capital		
SGH-18		A	2/13/15	CA/HECO-IR-57, Docket No. 2013-0141		
SGH-19		A	2/13/15	PSE Combined Electric and Gas Operations Multiple Regression Analysis of Historical Net Revenues		
SGH-20		A	2/13/15	Qualifications of Stephen G. Hilll		
SGH-21T		A	2/13/15	Cross-Answering Testimony to Staff Witness Parcell and ICNU witness Gorman		
SGH-22		A	2/13/15	Parcell Selected DCF Range		
CROSS-EXAMIN	NATION EXHIBITS					
SGH-23CX	Staff	A	2/13/15	Staff Response to Public Counsel Data Request 2 (24 pages)		
SGH-24CX	Staff	A	2/13/15	Staff Response to Public Counsel Data Request 4 (1 page)		
SGH-25CX	PSE	A	2/13/15	Excerpt from Response of Public Counsel to PSE Data Request No. 002 (149 pages)		
SGH-26CX	PSE	A	2/13/15	Excerpt from workpapers to Exhibit No(SGH-19) (3 pages)		
	ICNU and NWIGU					
Michael C. Deen,	Consultant					
MCD-1T	Staff PSE	A	5/16/13	Prefiled Response Testimony addressing overall merits of Multiparty Settlement and aspects of the underlying proposals (i.e., ERF, Decoupling and Rate Plan K-factor).		
MCD-2	Staff PSE	A	5/16/13	Witness Qualifications		
MCD-3	PSE	A	5/16/13	Excerpt of D. Reynolds Deposition Transcript		
MCD-4	PSE	A	5/16/13	Excerpt of T. Schooley Deposition Transcript		
MCD-5	Staff ICNU PSE	A	5/16/13	Regulatory Assistance Project, Revenue Regulation and Decoupling-A Guide to Theory and Application (June 2011)		
MCD-6	PSE	A	5/16/13	Lesh, Pamela G., Rate Impacts and Key Design Elements of Gas and Electric Utility Decoupling: A Comprehensive Review (Excerpt) (October 2009)		
MCD-7	PSE Staff	A	5/16/13	Staff's Response to ICNU DRs 4.6 and 4.23 in Docket UE-121697, and PSE's Responses to ICNU DRs 2.4 and 3.10 in Docket UE-130137		

MCD-8T	Staff	A	5/16/13	Prefiled Response TestimonyTestimony
	NWIGU			addressing overall merits of Multiparty
				Settlement vis-à-vis natural gas customers
MCD-9	Staff	A	5/16/13	Witness Qualifications
	NWIGU			
			ICNU	
Michael P. Gorm	an, Consultant		20110	
MPG-1T	PSE			Prefiled Response Testimony proposing
	Staff			adjustments to return on equity (50 basis point
	Public Counsel			reduction), cost of debt and equity share in
	ICNU			capital structure (to ~46%); revenue requirement
	ICNU			adjustments for pension expense federal income
				tax and incentive compensation based on
				financial goals; opposing decoupling
MPG-2	PSE			Witness Qualifications
	Staff			
	Public Counsel			
	ICNU			
MPG-3	PSE			Return on Equity Study
	Staff			
	Public Counsel			
	ICNU			
	ICIVO			
MPG-4	PSE			Rate of Return Impact
	Staff			
	Public Counsel			
	ICNU			
MPG-5	PSE			Historical Capital Structure
	Staff			
	Public Counsel			
	ICNU			
MPG-6	PSE			Common Equity
	Staff			
	Public Counsel			
	ICNU			
	ICINU			

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MPG-7	PSE	Rate of Return
	Staff	
	Public Counsel	
	ICNU	
MPG-8	PSE	Proxy Group
	Staff	
	Public Counsel	
	ICNU	
MPG-9	PSE	Consensus Analysis Growth Rates
	Staff	
	Public Counsel	
	ICNU	
MPG-10	PSE	Constant Growth DCF Model
	Staff	
	Public Counsel	
MPG-11	PSE	Payout Ratios
	Staff	
	Public Counsel	
	ICNU	
MPG-12	PSE	Sustainable Growth Rate
	Staff	
	Public Counsel	
	ICNU	
MPG-13	PSE	Constant Growth DCF Model
	Staff	
	Public Counsel	
	1 done Counsel	
MPG-14	PSE	Electricity Sales Linked to Economic Growth
	Staff	
	Public Counsel	
	ICNU	
	10110	

MPG-15	PSE Staff Public Counsel ICNU	Multi-Stage Growth DCF Model
MPG-16	PSE Staff Public Counsel ICNU	Common Stock Market/Book Ratio
MPG-17	PSE Staff Public Counsel ICNU	Equity Premium Risk-Treasury Bond
MPG-18	PSE Staff Public Counsel ICNU	Equity Risk Premium-Utility Bond
MPG-19	PSE Staff Public Counsel ICNU	Bond Yield Spreads
MPG-20	PSE Staff Public Counsel ICNU	Treasury and Utility Bond Yields
MPG-21	PSE Staff Public Counsel ICNU	Value Line Beta

MPG-22	PSE Staff Public Counsel ICNU			CAPM Return
MPG-23T		A	2/13/15	Supplemental Testimony May 7, 2013
MPG-24		A	2/13/15	Rate of Return December 31, 2012
MPG-25T	Michael P. Gorman, for ICNU	A	2/13/15	Remand Testimony December 3, 2014
MPG-26		A	2/13/15	Rate of Return December 3, 2014
MPG-27		A	2/13/15	Proxy Group
MPG-28		A	2/13/15	Consensus Analysts' Growth Rates
MPG-29		A	2/13/15	Constant Growth DCF Model (Consensus Analysts' Growth Rates)
MPG-30		A	2/13/15	Payout Ratios
MPG-31		A	2/13/15	Sustainable Growth Rate
MPG-32		A	2/13/15	Constant Growth DCF Model (Sustainable Growth Rate)
MPG-33		A	2/13/15	Electricity Sales Are Linked to U.S. Economic Growth
MPG-34		A	2/13/15	Multi-Stage Growth DCF Model
MPG-35		A	2/13/15	Common Stock Market/Book Ratio
MPG-36		A	2/13/15	Equity Risk Premium – Treasury Bond
MPG-37		A	2/13/15	Equity Risk Premium – Utility Bond
MPG-38		A	2/13/15	Bond Yield Spreads
MPG-39		A	2/13/15	Treasury and Utility Bond Yields
MPG-40		A	2/13/15	Value Line Beta
MPG-41		A	2/13/15	CAPM Return
MPG-42		A	2/13/15	Standard & Poor's Credit Metrics
MPG-43		A	2/13/15	Combination Elec & Gas Utilities DCF Analysis
MPG-44T		A	2/13/15	Remand Cross-Answering Testimony responding to Staff Witnesses Parcell and Schooley
	ATION EXHIBITS	1 .	T	
MPG-45 CX	PSE	A	2/13/15	Moody's Investors Service "Credit Opinion Puget Sound Energy, Inc., dated July 31, 2014 (7 pages)

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MPG-46C CX	PSE	A	2/13/15	Value Line Reports (from workpapers supporting Exhibit No(MPG-23T)) (20 pages)
MPG-47C CX	PSE	A	2/13/15	AUS Reports (from workpapers supporting Exhibit No(MPG-23T)) (28 pages)
Edward A. Finkle	ea, Executive Director	of the	Northwest 1	
EAF-1T	Staff NWIGU	A	5/16/13	Prefiled Response Testimony re decoupling, proposing exclusion of gas transportation customers and consideration of cost of capital
EAF-2	Staff NWIGU	A	5/16/13	Witness Qualifications
EAF-3	Staff NWIGU	A	5/16/13	PSE Response to NWIGU Data Request No. 011
EAF-3T	NWIGU	A	5/16/13	Supplemental Testimony of Edward A. Finklea
KROGER and NUCOR STEEL				
Kevin C. Higgins	, Consultant			
KCH-1T	PSE Staff ICNU	A	5/16/13	Prefiled Response Testimony recommending adjusting ROE, rejecting K-factors and decoupling (but, if allowed, 25 basis point ROE adjustment, found margin, exclude largest customers or remove some demand-billed delivery component, rate redesign for Schedule 139)
KCH-2	PSE ICNU	A	5/16/13	Electric K-Factor Calculation Using 2007 to 2011 Escalation Factors With Adjustment for NOL Carry-Forward Impact
KCH-3	PSE Staff ICNU	A	5/16/13	Kroger ROE Adjustment for Revenue Decoupling Adjustment to Electric ERF
KCH-4	PSE Staff ICNU	A	5/16/13	Found Revenue: Accrual of PSE Delivery Revenues with Growing Customer Counts (Electric Example)
KCH-5T	PSE Staff	A	5/16/13	Prefiled Response Testimony with similar recommendations for gas book, plus do not apply decoupling to transportation customers and remove 100% of contract firm revenues from decoupling.