



In the Community to Serve®

8113 W. GRANDRIDGE BLVD., KENNEWICK, WASHINGTON 99336-7166
TELEPHONE 509-734-4500 FACSIMILE 509-737-7166
www.cngc.com

April 17, 2014

Mr. David Danner, Executive Director & Secretary
Washington Utilities & Transportation Commission
P.O. Box 47250
Olympia, WA 98504-7250

RE: Cascade Natural Gas Corporation's 2014 Integrated Resource Plan Work Plan (UG-140181)

Pursuant to WAC 480-90-238, enclosed for filing is Cascade Natural Gas Corporation's updated Work Plan for its 2014 Integrated Resource Plan (IRP or Plan). This document provides an outline of the content for the Plan, the timing of the plan development and the method for assessing potential resources. This update is required as a result of WUTC Order 001 under docket UG-140181 where the WUTC granted Cascade's request to extend the filing deadline for the next Washington Integrated Resource Plan until March 15, 2015. This coupled with OPUC Order 14-054 which extended the filing deadline for the next Oregon Integrated Resource Plan until February 11, 2015 means that CNGC will produce a combined OR and WA with anticipated joint filing of the final IRP by February 11, 2015.

If you have any questions regarding the Work Plan, please contact me at (509) 734-4589 (email at mark.sellers-vaughn@cngc.com) or Brian Robertson at (509) 734-4546 (email at brian.robertson@cngc.com).

Sincerely,
CASCADe NATURAL GAS CORPORATION

Mark Sellers-Vaughn
Manager, Supply Resource Planning

Enclosures

**CASCADE NATURAL GAS CORPORATION 2014 INTEGRATED RESOURCE PLAN
WORK PLAN**

Proposed Start Date or Completion Date of on-going task	Process Element	Location (Subject to change)
Tuesday, April 08, 2014	1st workshop on capacity issues (Ruby, GTN, NWP, etc.)	Portland Airport Conference Center
Monday, May 05, 2014	2nd workshop on capacity issues (Ruby, GTN, NWP, etc.)	Northwest Natural HQ Portland OR
Friday, May 23, 2014	Slides for TAG 1 sent to Stakeholders	
Wednesday, June 04, 2014	TAG 1: Process, Key Assumptions (IRP Team, Timeline, Highlights Most Recent IRPs, Latest Economic Indicators, Price Forecast and Demand Forecast)	Northwest Natural HQ Portland OR
Friday, June 27, 2014	Slides for TAG 2 sent to Stakeholders	
Friday, June 20, 2014	File with OPUC the OR IRP Update with Ruby and capacity discussion	
Wednesday, July 09, 2014	TAG 2: Conservation, Avoided Costs, Distribution Enhancements	CNGC Headquarters, Kennewick WA
Friday, July 18, 2014	Staff and Stakeholder comments due on 2011 IRP Update	
Friday, August 01, 2014	CNGC response to comments regarding 2011 IRP update due	
Monday, August 04, 2014	Slides for TAG 3 sent to Stakeholders	
Wednesday, August 13, 2014	TAG 3: Supply Resources, Transport Issues, Alternative Resources, Update on 2 Year Plan	Northwest Natural HQ Portland OR
Friday, August 08, 2014	Staff final comments on 2011 IRP update (if necessary)	
Friday, August 15, 2014	CNGC response to final comments regarding 2011 IRP update due	
Tuesday, August 26, 2014	Staff Report issued on 2011 IRP Update	
Tuesday, September 02, 2014	Public meeting on 2011 IRP Update	OPUC (Salem)
Tuesday, September 09, 2014	Slides for TAG 4 sent to Stakeholders	
Wednesday, September 17, 2014	TAG 4: Preliminary Resource Integration Results, Proposed new 2 year Plan	Northwest Natural HQ Portland OR
Wednesday, October 15, 2014	Draft IRP distributed	
Wednesday, November 12, 2014	Comments due on draft from all stakeholders	
Wednesday, December 17, 2014	TAG 5: Miscellaneous Items, Final Discussion on Acton Plan	Seattle Airport Conference Center
Tuesday, December 30, 2014	2nd draft of IRP distributed (if needed)	
Wednesday, January 14, 2015	Comments due on 2nd draft from all stakeholders	
Friday, January 30, 2015	Final IRP goes to press	
Wednesday, February 11, 2015	IRP filing (OR and WA) combined/concurrent single document	
Friday, March 13, 2015	IRP filing (Washington--only if needed)	

CASCADE NATURAL GAS CORPORATION 2014 INTEGRATED RESOURCE PLAN WORK PLAN

2014												2015			
January	February	March	April	May	June	July	August	September	October	November	December	January	February	March	
Develop Demand Forecast					Distribution System Planning					DRAFT IRP SUBMITTED TO STAKEHOLDERS	STAKEHOLDER COMMENTS ON DRAFT IRP	REVISONS BASED ON COMMENTS AND DISTRIBUTE 2ND DRAFT (if needed)	FINAL EDITS AND GO TO PRESS	FINAL IRP FILINGS IN OR AND WA	FINAL IRP FILED WITH WA (ONLY IF NEEDED)
Demand Side Resource Analysis															
Gas Supply Resource Analysis															
					Resource Integration										
					TAG 1	TAG 2	TAG 3	TAG 4	TAG 5						

ANTICIPATED CONTENT OF THE IRP

- Section 1 –Executive Summary
- Section 2 – Introduction & Planning Overview
- Section 3 - Demand Forecast
- Section 4 - Distribution System Enhancements
- Section 5 - Demand Side Resources
- Section 6 - Supply Side Resources
- Section 7 - Resource Integration
- Section 8 - Two Year Action Plan
- Glossary
- Citygate/Zone Cross reference
- Appendix A - IRP Process and Guideline Compliance
- Appendix B - Demand Forecast Appendices
- Appendix C – Distribution System Analysis
- Appendix D - Conservation Measures – Technical Potential
- Appendix E – Current and Alternative Supply Resources
- Appendix F - Capacity Requirements & Peak Day
- Planning Appendix G –Weather & Price Uncertainty
- Analyses Appendix H - Avoided Cost Calculations
- Appendix I – Prior 2-Year Action Plan Update

**CASCADE NATURAL GAS CORPORATION 2014 INTEGRATED RESOURCE PLAN
WORK PLAN**

INTERNAL TEAM MEMBERS OF CNGC'S INTEGRATED RESOURCE PLAN:

LAST NAME	FIRST NAME	TITLE	COMPANY	ROLE IN IRP
Abrahamson	Jim	Manager, Conservation Policy	Cascade	DSM and Conservation Measures analysis, Avoided Costs Calculations 45yr resource cost effectiveness)
Archer	Pam	Supervisor, Regulatory Analysis	Cascade	Edit assists, forecast participant, miscellaneous IRP support
Cooley	John	Manager, Industrial Services	Cascade	Insights regarding industrial customer base and their issues relevant to the IRP
Martuscelli	Eric	Vice President, Operations	Cascade	Executive
Mellinger	Becky	Financial Analyst	Cascade	Finance perspective, forecast participant
Morman	Bob	Director, Gas Supply Utility Group	MDU	Responsible senior utility group manager of IRP process; Executive summary
Ogden	Jeremy	Director, Engineering	Cascade	Distribution System Enhancements, Distribution System Planning (Reinforcement Projects charts), forecast participant
Parvinen	Mike	Director, Regulatory Affairs	Cascade	Regulatory, insights, consulting manager of IRP process; Executive summary
Robbins	Chris	Manager, Gas Supply and Control- CNGC/IGC	Cascade/Intermountain	Gas supply, transportation, storage, capacity requirements. Forecast participant
Robertson	Brian	Regulatory Analyst	Cascade	Principle forecast participant and analysis (SENDOUT utilization); resource integration, Demand Forecast Model Escalation Rates (economic indicators, demand charts & tables), Miscellaneous IRP Support
Robinson	Micah	Director	MRE/Gelber & Associates	Project Lead from third party firm providing 20 year forecast consulting services regarding IRP core load forecast methodology and modeling
Sargent	Amanda	Conservation Analyst	Intermountain	Conservation Measures and programs, Avoided Costs Calculations, forecast participant

**CASCADE NATURAL GAS CORPORATION 2014 INTEGRATED RESOURCE PLAN
WORK PLAN**

Sellers-Vaughn	Mark	Manager, Supply Resource Planning	Cascade	Project manager and facilitator of IRP processes (involving planning, forecast, DSM, resources, integration, optimization, Monte Carlo, SENDOUT optimization organization & analysis, development of capacity, supplies, storage, price forecast associated with IRPs)
Spector	Allison	Manager, Conservation Programs	Cascade	Responsible manager for DSM, Conservation Measures, Avoided Costs Calculations 45yr resource cost effectiveness)
Stone	Carolyn	Gas Supply Analyst	Cascade	Gas supply, transportation and storage analysis (SENDOUT utilization), Demand Forecast, Supply Resource Alternatives (resource input tables, 20 yr. price forecast), Capacity Requirement and Peak Day Planning (summaries, zonal charts, etc.)
Whiting	Jon	Director, Gas Supply - CNGC/IGC	Cascade/Intermountain	Responsible senior functional manager of IRP process; Executive summary
Wilmotte	Joan	Gas Supply Analyst	Cascade	Gas supply, transportation and storage analysis (SENDOUT utilization), Demand Forecast, Supply Resource Alternatives (resource input tables, 20 yr. price forecast), Capacity Requirement and Peak Day Planning (summaries, zonal charts, etc.)