<All sections will have an inset box of highlights>

**Disclaimer**

**Section 1 – Executive Summary**

Purpose

IRP Process and stakeholder involvement

Responding to the 2014 IRP issues

Narrative of highlights from each section

Table of two-year action items

**Section 2 – Company Overview**

* Number of customers, areas served, differences in climate and customer density and geo spread
* Therms served, etc.
* Pipelines and basin locations
* Core v. noncore and emphasis on core (bundled vs unbundled)
* Company ORGANIZATION (re district offices, gas supply, headquarters, etc.)

**Section 3 – Demand Forecasting**

* Overview
* Demand Areas
* Weather Forecast
* Sensitivity Analysis
* Methodology
	+ Annual growth
	+ Use per customer
	+ Peak Day
* Results
* Uncertainties
* Conclusions

**Section 4 – Supply-Side Resources**

* Overview
* Gas supply resource
* Storage resources
* Capacity resources
* Natural gas price forecast
* Incremental supply-side resource options
* Supply side uncertainties
* Financial derivatives
* Portfolio purchasing strategy
* Conclusions

**Section 5 – Environmental Considerations**

* Overview
* Context
	+ National focus
	+ Regional focus
	+ Washington
	+ Oregon (even for the Washington IRP)
* Types of CO2 Adders
* Fugitive Methane Emissions
* Current Efforts by Cascade re Greenhouse Gas Reduction
* Proposed Direction

**Section 6 – Avoided Costs**

* Overview
* Costs incorporated
* Application
* Results

**Section 7 – Demand Side Management**

* OVERVIEW
* Conservation Plan and CPA and methodology and that all DSM options were reviewed
* Conservation Advisory Group
* Application of avoided cost
* Cost-effectiveness tests (e.g., utility cost test)
* Direct Use

**Section 8 – Resource Integration**

* OVERVIEW
* Planning and modeling
* Tools used
* Key inputs
* Stochastic analyses
* Stochastic results
* Scenarios
* Price elasticity
* Incorporation of carbon adder
* Alternative forecasting methodologies: scenario planning
* Unserved demand
* Consideration of future modeling modification
* Results and findings

**Section 9 – Distribution System Planning**

* OVERVIEW
* Distribution system methodology/approach/modeling
* Engineering modeling by town
* Significant planning projects
* Enhancement of modeling/engineering
* Work done since last IRP
* Key findings

**Section 10 – Stakeholder Engagement**

<Agenda and minutes to be included in appendices>

* Approach to meetings and workshops
* List of stakeholders
* Number and dates of TAG meetings
* Opportunity for public participation

**Section 11 – Regulatory Compliance**

* Approach to regulations, policies, and stakeholder comments
* Short history about compressed time schedule
* Resources provided and commitment throughout company
* IRP guidelines
* Compliance matrices
* Statement this fully complies with all regulations, orders, and comments

**Section12 – Two year Action Plan**

<…each subsection by topic...>

**Section 13 – Glossary and Miscellaneous References**

Glossary

Citygate/Zone Cross reference

Additional Pipeline System Maps

**Appendices**

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

Appendix J -- Stakeholder Engagement