2011 ATC Update

September 15, 2009

CURRENT ATC (9/11/2009):

Current as of:	9/11/09	TBL TTC	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ATC for Posting		(MW)										
ATC for South of Allston		2,051	482	0	0	0	0	0	0	0	0	0
ATC for WOC North E>W		10,450	1,552	1,464	1,382	1,216	1,180	1,170	1,163	1,145	1,095	1,028
ATC for WOC South E>W		8,500	2,078	1,910	1,768	1,815	1,732	1,692	1,656	1,622	1,568	1,529
ATC for Monroe to Echo Lake		1,500	596	375	373	392	393	389	387	388	384	380
ATC for NOHanford N>S		4,100	2,053	1,552	1,522	1,689	1,702	1,681	1,667	1,686	1,652	1,618
ATC for NOJD N>S		7,800	2,103	1,127	1,082	1,269	1,299	1,260	1,230	1,254	1,198	1,121
ATC for Paul to Allston		2,250	547	242	232	293	297	286	277	277	265	250
ATC for Raver to Paul		1,625	607	403	386	428	422	411	400	397	381	361
ATC for WOMcNary E>W		2,870	499	325	236	257	213	250	224	238	222	235
ATC for WOSlatt E>W		4,100	377	179	190	169	205	197	195	219	212	198

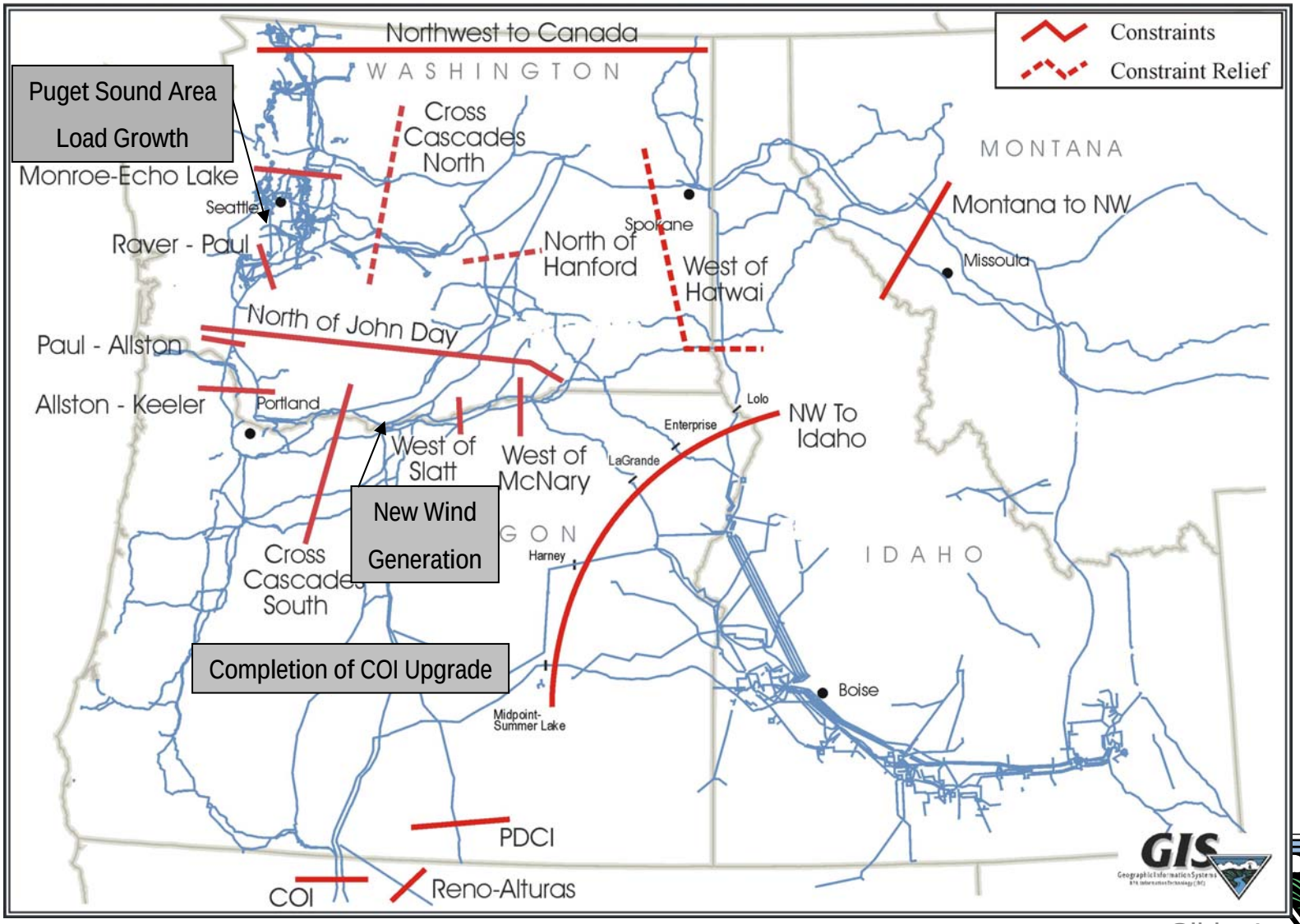
FINAL 2011 BASE CASE NUMBERS:

Current as of:	9/11/09	TBL TTC	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ATC for Posting		(MW)										
ATC for South of Allston		2,052	482	0	0	0	0	0	0	0	0	0
ATC for WOC North E>W		9,900	1,002	997	970	816	780	770	764	745	695	628
ATC for WOC South E>W		7,700	1,278	1,150	1,027	1,081	998	958	923	888	828	789
ATC for Monroe to Echo Lake		1,500	596	375	293	312	313	308	306	308	303	299
ATC for NOHanford N>S		4,100	2,053	1,552	1,634	1,801	1,814	1,793	1,780	1,798	1,764	1,730
ATC for NOJD N>S		7,800	2,103	1,127	1,144	1,332	1,361	1,322	1,292	1,316	1,261	1,184
ATC for Paul to Allston		2,250	547	242	288	349	352	341	332	332	320	305
ATC for Raver to Paul		1,625	607	403	377	419	413	401	391	388	372	352
ATC for WOMcNary E>W		2,870	499	325	391	390	368	395	379	394	385	397
ATC for WOSlatt E>W		4,100	377	179	257	235	271	264	262	286	278	265

DIFFERENCE (BASE CASE UPDATE minus CURRENT ATC)

Current as of:	9/11/09	TBL TTC	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ATC for Posting		(MW)										
ATC for South of Allston		2,052	0	0	0	0	0	0	0	0	0	0
ATC for WOC North E>W		9,900	(550)	(468)	(412)	(400)	(400)	(400)	(399)	(400)	(400)	(400)
ATC for WOC South E>W		7,700	(800)	(760)	(741)	(734)	(733)	(734)	(734)	(734)	(740)	(740)
ATC for Monroe to Echo Lake		1,500	0	0	(81)	(81)	(81)	(81)	(81)	(81)	(81)	(81)
ATC for NOHanford N>S		4,100	0	0	112	112	112	112	112	112	112	112
ATC for NOJD N>S		7,800	0	0	63	63	63	63	63	63	63	63
ATC for Paul to Allston		2,250	0	0	55	55	55	55	55	55	55	55
ATC for Raver to Paul		1,625	0	0	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)
ATC for WOMcNary E>W		2,870	0	0	155	134	155	146	155	155	163	163
ATC for WOSlatt E>W		4,100	0	0	66	66	66	66	66	66	66	66

2011 ATC Update

- What are the changes that have occurred since the 2010 ATC Update?
  - Reduction of Total Transmission Capacity (TTC) for Cross Cascades North and Cross Cascades South
  - Incorporation of PTSAs from NOS 2008:
    - ~1,200 MW of PTSAs with a start date prior to October 2011.
    - Main generation additions of note in the John Day area
  - Load increase of ~950 MW in the Northwest for the August basecase and ~900 MW in January basecase!
    - Sizable increase in the Puget Sound Region 450 – 500 MW
      ~200 MW load growth in the Mid-C area
    - Smaller growth in Portland area
  - Completion of the COI upgrade to be completed in 2011.
  - Addition of South of Allston ATC Methodology Margin (AMM).

2011 ATC Update