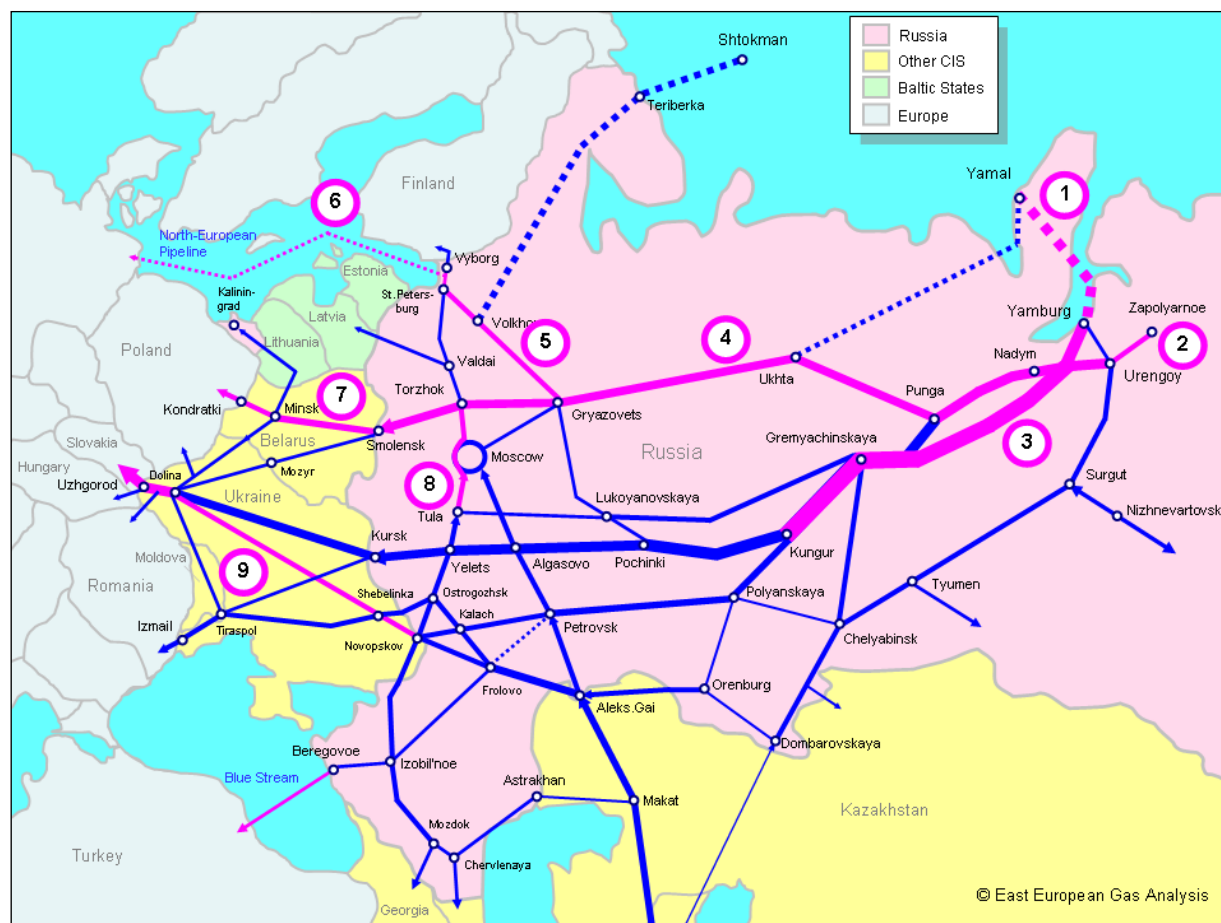


2.4.2. Spare capacity and capacity deficit by year

- Figure 2.31 - Figure 2.33 and tables illustrate capacity deficit along the major pipeline routes. The capacity deficit is calculated from the level of 2000 and it assumes full upgrade of existing pipelines. Note that Base Case assumes that Yamal fields are connected to Yamburg.

Figure 2.31: Capacity Deficit by Major New Pipeline Project - 1



1. Yamal - Yamburg

	bcm
2000	-
2001	-
2002	-
2003	-
2004	-
2005	-
2006	-
2007	-
2008	-
2009	-
2010	-
2011	-
2012	-
2013	0
2014	17
2015	31
2016	43
2017	62
2018	79
2019	97
2020	117
2021	136
2022	156
2023	175
2024	180
2025	180

2. Zapolyarnoe – Urengoy (1)

	bcm
2000	-
2001	7
2002	37
2003	67
2004	88
2005	100
2006	100
2007	100
2008	104
2009	109
2010	114
2011	119
2012	124
2013	124
2014	124
2015	124
2016	124
2017	119
2018	114
2019	110
2020	105
2021	101
2022	98
2023	94
2024	105
2025	120

3. Urengoy – Punga (2)

	bcm
2000	-
2001	-
2002	-
2003	-
2004	-
2005	-
2006	-
2007	-
2008	-
2009	-
2010	-
2011	-
2012	-
2013	-
2014	-
2015	-
2016	-
2017	-
2018	-
2019	-
2020	-
2021	-
2022	3
2023	7
2024	12
2025	16

(1) Also takes flow from Gydan.

(2) Also Yamburg – Kungur.