

## Overview of grid projects, status and proposed date of operation (as at 15.09.2020)

GRID PROJECT	DESCRIPTION AND MAIN AIMS	CURRENT STATUS*	PLANNED OPERATION**
<b>Obfelden–Samstagern</b> OS_1 Schweikrüti (Mast 46)–Kilchberg OS_2 Kilchberg–Wollishofen (Frohalp) OS_3 Wollishofen (Frohalp)–Waldegg OS_4 Waldegg–Obfelden OS_5 Siebnen–Samstagern	<ul style="list-style-type: none"> <li>Expansion and/or substitution of the existing 150 kV line between the Obfelden substation, the planned substation at Waldegg, and the Samstagern substation with a 380/220 kV line.</li> <li>Improvement of the energy supply of the consumer centres of the City of Zurich and the region of Thalwil.</li> </ul>	OS_1 BGer (Federal Tribunal) OS_2 Construction project OS_3 Construction project OS_4 Preliminary project OS_5 PGV SFOE	2030
<b>Grynau–Siebnen</b>	<ul style="list-style-type: none"> <li>Replacement of existing 220 kV line with a 380 kV line (closing the gap in the 380 kV grid)</li> <li>Improvement of security of supply in the Lake of Zurich region/Linth plain</li> <li>Increase import capacity from the North</li> </ul>	PGV SFOE	2028
<b>Amsteg–Mettlen</b> AM_1 Lauerz AM_2 Eyschachen near Altdorf	<ul style="list-style-type: none"> <li>AM_1: Swissgrid places the line outside landslide area above Lauerz (SZ)</li> <li>AM_2: Swissgrid and the SBB place high-voltage lines in the Uri valley floor. This will relieve the burden on the settlement areas in Attinghausen and the Werkmatt development area in Uri.</li> </ul>	AM_1 Construction project AM_2 In operation	2028
<b>Airolo–Mettlen</b>	<ul style="list-style-type: none"> <li>Opportunity to bundle infrastructure in the second tunnel of the Gotthard Road Tunnel</li> <li>Checking cabling of the existing 220 kV line from Airolo-Mettlen in the Gotthard sector</li> </ul>	Preliminary project	2029