

Appendix

Table A-1: Renewable hydrogen projects in Inner Mongolia

Status	Project name	Estimated hydrogen production capacity (tons/year)	SOE	Holding company	Location	Expected project completion date	Ref.
In production	Ordos Jungar Banner Narisong Photovoltaic Hydrogen Industry Demonstration Project (准格尔旗纳日松光伏制氢产业示范项目)	10,000	Yes/No	Three Gorges Corporation & Manshi Investment Group	Ordos	2023	64, 65, 66
	Ejin Horo Banner Shengyuan Energy Wind-Solar Hydrogen Integration Project Phase 1 (伊金霍洛旗圣圆能源风光制氢加氢一体化项目一期)	500	Yes	Inner Mongolia Shengyuan Energy Group	Ordos	2022	64, 67, 68
	Jingneng Chengannur 'Wind-Solar-Hydrogen Storage' Integrated Demonstration Project (京能查干淖尔“风光火储氢”一体化示范项目配套制氢站)	384	Yes	Beijing Energy Holding	Xilingol League	-	64, 65, 67, 69
Total in production		10,884					
Planned	Envision Zero Carbon Technology (Chifeng) 1.52 Million Tons/Year Zero Carbon Hydrogen Ammonia Project (远景零碳技术(赤峰)152万吨/年零碳氢氨项目)	320,000	No	Envision Group	Chifeng	2028	65, 70
	Inner Mongolia Shenfeng Green Ammonia Chemical Annual Output of 150,000 Tons of Green Hydrogen Synthetic Green Ammonia Project (内蒙古深丰绿氨化工有限公司年产15万吨绿氨合成绿氨项目)	150,000	No	Inner Mongolia Shenfeng Green Ammonia Chemical	Chifeng	2024	71
	Ulanqab 100,000-Ton Wind-Solar Hydrogen Integration Demonstration Project (乌兰察布10万吨年风光制氢一体化示范项目)	100,000	Yes	China Sinopec Group	Ulanqab	2027	64, 65, 72
	Duolun County Integrated Wind-Solar Hydrogen Storage Green Ammonia Project (锡林郭勒盟多伦县风光储氢制绿氨项目)	90,000	Yes	Beijing Energy Holding	Xilingol League	-	64, 65, 67
	Manzhouli Wind-Solar Hydrogen Production Integrated Demonstration Project (满洲里市风光制氢一体化示范项目)	60,000	Yes	PowerChina	Hulunbeir	2025	65, 74
	Tongliao Million-Kilowatt Level Wind-Solar Hydrogen-Ammonia Integrated Zero Carbon Industrial Park Project (通辽千万千瓦级风光储氢氨一体化零碳产业园项目)	50,000	No	China Tianying Inc	Tongliao	-	64, 65, 75
	Annual Output of 50,000 Tons of Green Hydrogen and Hydrogen Energy Equipment Manufacturing Industry Project (年产5万吨绿氢暨氢能装备制造产业项目)	50,000	Yes/No	PowerChina & Rongke Hydrogen	Ulanqab	-	65, 76

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