

2019 Sustainable Development Targets

Our 2019 and longer-term sustainability targets support the long-term success of our business. Targets are set in line with business unit goals to manage key areas of concern for stakeholders and ultimately improve our environmental and social performance in these areas. We continue to evolve and adapt targets to focus on anticipated key areas of materiality to stakeholders. Targets are outlined below:

	Human and Intellectual	Annual Performance Status
1. Reduce safety incidents	Achieve an Injury Frequency Rate below 0.43	20 per cent improvement over 2018 performance (0.54)
	Achieve a Total Incident Frequency Rate below 1.58	20 per cent improvement over 2018 performance (1.98)
		Annual Performance Status
2. Minimize fleet-wide environmental incidents	Keep recorded incidents (including spills and air infractions) below five	44 per cent improvement over 2018 target
3. Increase mine reclaimed acreage	Replace annual topsoil at Highvale mine at a rate of 110 acres/year	57 per cent increase over 2018 target (70 acres)
4. Reduce air emissions	Achieve a 95 per cent reduction from 2005 levels of TransAlta SO ₂ emissions and 50 per cent reduction in NO _x emissions by 2030	Revised NO _x target to align with coal-to-gas conversion strategy and growth in gas estimations
5. Reduce GHG emissions Our GHG goal and targets support UN SDG Goal 13: Climate Action related to ensuring "integrate climate change measures into national policies, strategies and planning."	Our goal is to reduce our total GHG emissions in 2030 to 60 per cent below 2015 levels, in line with a commitment to the UN SDGs and prevention of two degrees Celsius of global warming (our GHG and clean power targets assume reasonably anticipated growth and operating scenarios)	Consistent with 2018
	Social and Relationship	Annual Performance Status
6. Support quality education for youth	Support equal access to all levels of education for youth and Indigenous peoples through financial support and employment opportunities	Consistent with 2018 target
Our education goal and target support UN SDG Goal 4: Quality Education related to ensuring "inclusive and equitable quality education" and related to "eliminating gender disparities in education"		
	Comprehensive	Annual Performance Status
7. TransAlta will be a leading clean power company by 2025	Convert at least two coal units at Sundance, Alberta and three coal units at Keephills, Alberta to gas-fired generation in the 2020 to 2023 time frame	Revised 2018 target
Our clean power goal and targets support the UN SDG Goal 7: Affordable and Clean Energy related to ensuring "access to affordable, reliable, sustainable and modern energy"	Aim that by 2025, 100 per cent of our owned net generation capacity will be from clean power (renewables and gas)	Consistent with 2018 target
	Seek new opportunities to grow our renewable portfolio of 2,265 MW wind, hydro and solar assets	Consistent with 2018 target