



THE WORLD'S FIRST NEAR-ZERO EMISSIONS PULVERIZED COAL POWER PLANT.

In Canada, nearly 20 per cent of our electricity is produced by coal. In the world, it's estimated that by 2020 this abundant, secure and affordable fossil fuel will provide 40 per cent of the planet's electricity.

However, along with producing energy, coal combustion results in the release of harmful emissions: greenhouse gases, sulphur dioxide, nitrogen oxides, mercury and particulates.

SaskPower's Clean Coal[™] Project team is developing an innovative power plant design that would see the capture of over 90 per cent of a major contributor to global warming: carbon dioxide (CO₂).

This design would produce 300 megawatts of electricity — more than enough to supply a city of 200,000. It would also create enough liquefied CO₂ to extract millions of new barrels of oil through enhanced oil recovery.

Additional emissions control technologies would be incorporated to bring SaskPower's Clean Coal[™] unit to near-zero emissions status, and help take our world closer to a more environmentally and economically sustainable future for electricity generated from coal.