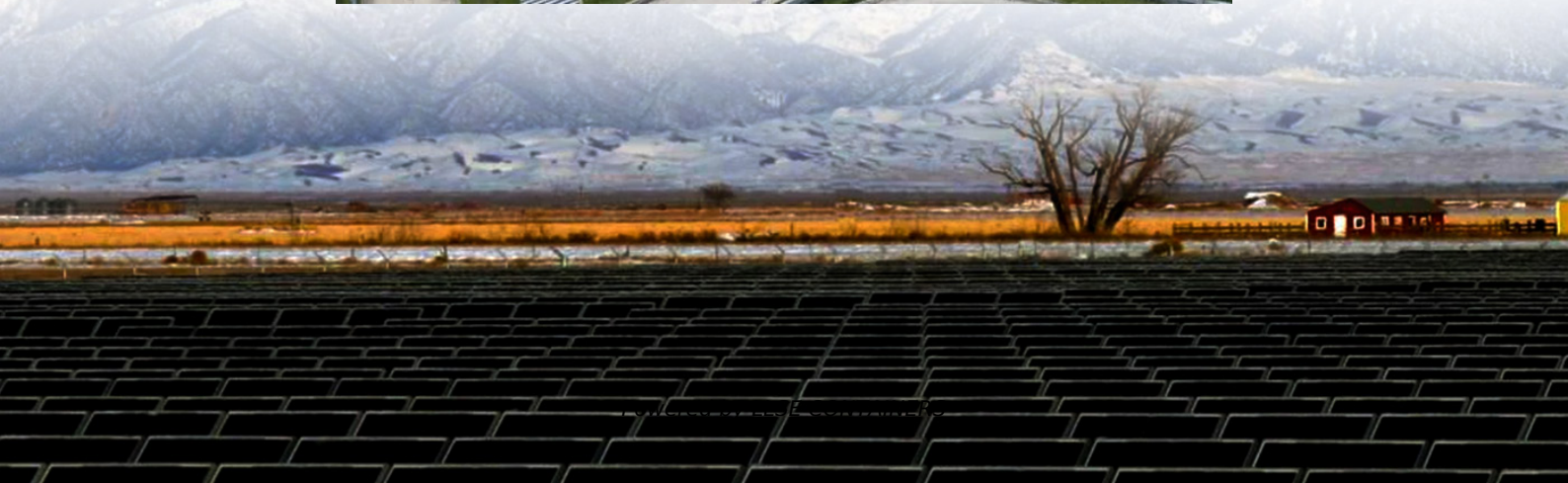


Coal-to-electricity energy storage device in Almaty Kazakhstan





Overview

Could coal-fired power plants be used in Kazakhstan?

As already mentioned in the previous chapter, some existing coal-fired power plants could be used in Kazakhstan to increase flexibility so as to integrate more variable renewable power in the medium term.

Will Kazakhstan throw coal out of the energy sector?

“The energy sector of Kazakhstan traditionally operates mainly on coal, and the share of coal consumption is quite large. We will not throw coal out of the equation. Moreover, we want to build new coal power blocks and modernise those coal power plants that we already have”.⁸

Who owns Almaty Power Station?

The Almaty-2 power station is owned and operated by Almaty Power Plants JSC, which is fully owned by Samruk-Energo, which in turn is owned by the National Welfare Fund of Kazakhstan Samruk-Kazyna. Almaty Power Plants also includes Almaty-1 power station and the Almaty-3 power station.

Where is Almaty 2 power station?

Almaty-2 power station (ТЭЦ-2 имени А. Жакутова, АО "АлЭС" Алматинская ТЭЦ - 2) is an operating power station of at least 510-megawatts (MW) in Almaty, Alatau, Kazakhstan with multiple units, some of which are not currently operating. The map below shows the exact location of the power station. Loading map. Unit-level coordinates (WGS 84):



Coal-to-electricity energy storage device in Almaty Kazakhstan



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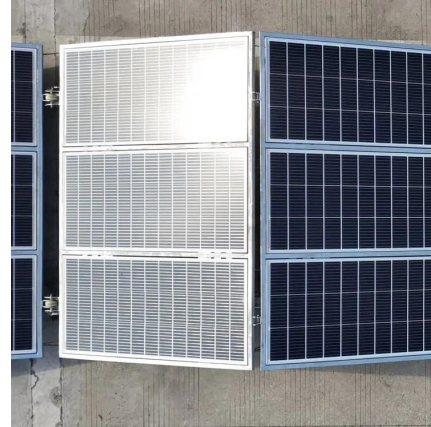


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