

Slovakia peak shaving

In this contribution, we focus on technical and economic aspects of using hybrid storage in microgrids for peak shaving. We perform feasibility analysis of hybrid storage consisting of conventional supercapacitors and chemical batteries. We use multiple real-life consumption profiles from various industry-oriented microgrids. The primary purpose is to construct digital twin model for reserved capacity simulation and prediction. The main objective is to find the equilibrium between technical innovations, acquisition costs, and energy cost savings.

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Policies and ethics

Energetická služba Peak Shaving pokrýje vaše zvrátené nároky na energetickú odbúru bŕhem ťvrthodinová maxima (T15). Táto služba je vhodná pre stredné a veľké prevozy.

Na základe vašeho energetického odbúru vŕm navrhne najlepšiu techniku ťe en Peak Shaving, vŕetnŕ vŕbŕru najvhodnejšiu typú zaŕzenŕ dle požadovanŕho vŕkonu, k pokrytŕ vŕchylek. Zajišme dopravu a instalaci vybranŕho typú zaŕzenŕ na mŕstŕ, vŕetnŕ servisu a zajišŕtŕnŕ pohonnŕch hmot po celou dobu smluvnŕho vzťahu.

Vykrŕvŕnŕ vŕchylek Peak Shaving vŕm umoŕnŕ snŕŕit roŕnŕ/mŕsŕŕnŕ rezervovanŕ kapacity u vašeho distributora elektrické energie. Dŕky nišŕmu paušŕlu rezervovanŕ kapacity dlouhodobŕ uŕetŕte nŕklady spojenŕ s pŕekroŕenŕm ťvrthodinovŕch maxim.



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