

“CONCEPTUAL DESIGN FOR 30,000 BPSD INTEGRATED BULK SHALE OIL  
HYDROTREATER UNIT”

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Conceptual design for a 30,000 BPSD Integrated Bulk Shale Oil Hydrotreater Unit has been envisioned based on successful preliminary hydrotreating pilot plant program testing Estonian shale oil liquids. Estonian shale oil is unique among non-conventional shale oils and bitumens due to very high organic oxygen content along with high aromaticity.

Eesti Energia AS, its subsidiary AS Narva Olitehas, and Jacobs Consultancy have been developing strategic plans and conceptual designs for a Shale Oil Upgrader Plant to enhance value added generation from the ten fold expansion of the Narva Oil Factory [Estonia].

Anticipated design features, feed qualities, chemical hydrogen input, and product qualities will be discussed for this Shale Oil Hydrotreater Unit.