



NexGen
Process Solutions

PRACTICAL SOLUTIONS PROFITABLE RESULTS

Small improvements in performance can translate into significant gains in yield, energy efficiency, and overall plant profitability. We help you capture those gains consistently.



INCREASE CAPACITY

Unlock hidden production potential by identifying and eliminating process bottlenecks



OPERATE EFFICIENTLY

Improve energy efficiency and process performance while maintaining reliable operation



DE-RISK PROJECT

Make confident decisions with data-driven recommendations



REDUCE MAINTENANCE COSTS

Identify process issues that drive excessive equipment wear and maintenance

OUR SERVICES



CAPACITY IMPROVEMENTS

- Debottlenecking
- Capacity expansions
- Process optimization
- Hydraulic evaluations

AREAS OF EXPERTISE



DISTILLATION

- Columns
- Reboilers
- Condensers



TROUBLESHOOTING & OPTIMIZATION

- Root cause analysis
- Performance evaluations
- Energy optimization
- Operational improvements



DEHYDRATION

- Molecular Sieves
- Regeneration Systems
- Vacuum Systems



PLANT TESTING & FIELD SERVICES

- On-site process testing
- Data collection & validation
- Equipment performance evaluations
- Start-up support



EVAPORATION

- Falling Film Evaporators
- Multiple-Effect Systems
- Heat Integration



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UNLOCK HIDDEN PROFITABILITY IN YOUR DDE



nexgenprocess.com



solutions@nexgenprocess.com



(832) 554-6430



WE DON'T JUST SIMULATE PROCESSES — WE **VERIFY** THEM IN THE FIELD.