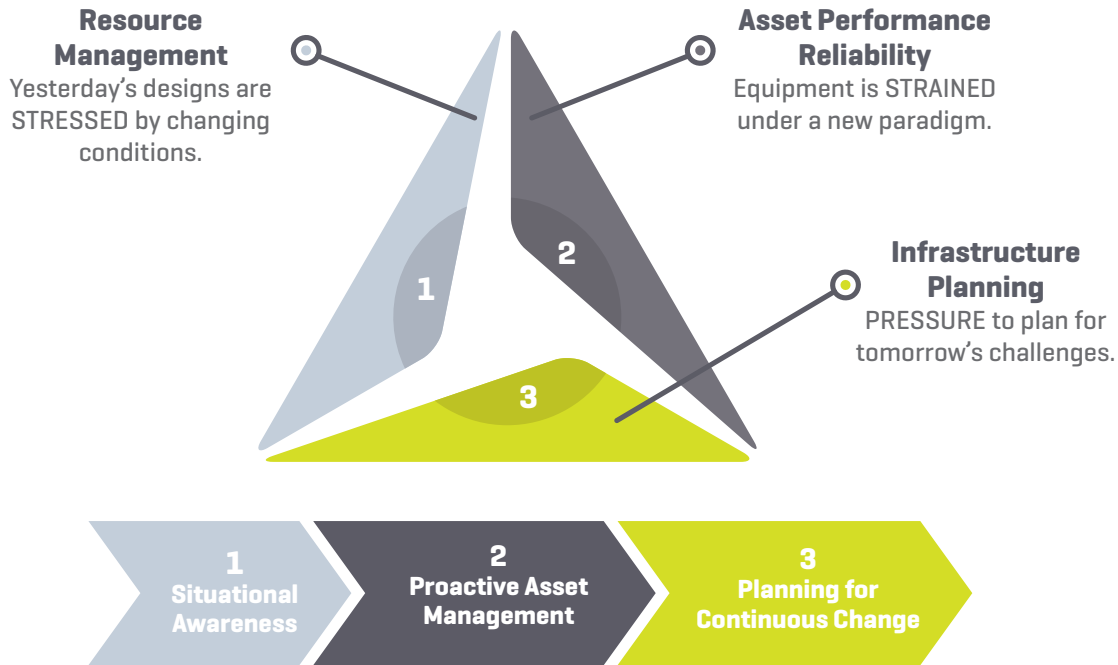


ENERGY OPTIMIZATION FOR WATER AND WASTEWATER UTILITIES

Reduce Stress, Strain and Pressure on Your Current Systems



AESC HELPS ALIGN OPERATIONS, MAINTENANCE AND PLANNING ACTIVITIES TO MEET TOMORROW'S WATER AND WASTEWATER TREATMENT CHALLENGES.

CHANGING CONDITIONS MEAN CHANGING STRATEGIES

We provide the guidance and support you need to move forward confidently and strategically in a rapidly changing water landscape.

COMPLEX SYSTEMS REQUIRE EXPERT RESOURCES

We have the knowledge and experience to understand and accurately assess your unique system in order to find the solutions that are right for you.

RELIABILITY IS JOB ONE

We understand that reliability must drive decision-making, and we work to ensure that more energy-efficient operations also mean equal – or greater – dependability.





WE FOCUS ON YOUR ENERGY NEEDS, SO YOU CAN FOCUS ON THE BUSINESS OF PROCESSING AND TREATING WATER

AESC's energy optimization approach generates actionable, process-based energy management recommendations that minimize energy, chemical and labor costs to achieve performance objectives with maximum reliability and controllability.

1

PROJECT IDENTIFICATION

AESC energy audits start with a risk-based condition assessment to identify critical processes and any existing strategic initiatives to understand how the facility is currently operating.

2

ENERGY BASELINE AND IMPACT ASSESSMENT

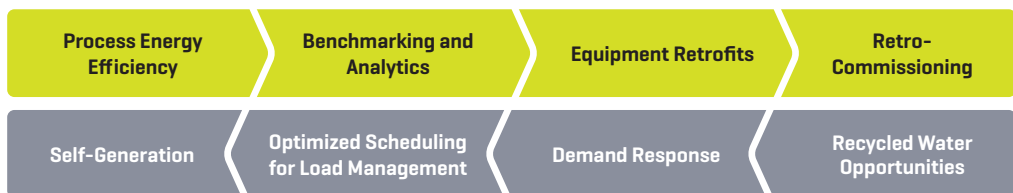
AESC creates an asset registry of equipment and processes that models the existing energy consumption and nutrient-loading of the plant. With the baseline established, we determine feasibility, performance impact, and cost-effectiveness of each individual project.

3

PROCESS-BASED ENERGY MANAGEMENT PLANNING

Finally, we work with you to develop a report documenting optimization measures evaluated in terms of complexity, ease of implementation and cost-effectiveness. AESC also offers continued implementation support and training, to ensure that your facility can meet – or exceed – your objectives.

AESC's WATER PLANT EXPERIENCE INCLUDES:



SERVING UTILITIES, REGULATORS, PUBLIC & PRIVATE ENTERPRISE SINCE 1994

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