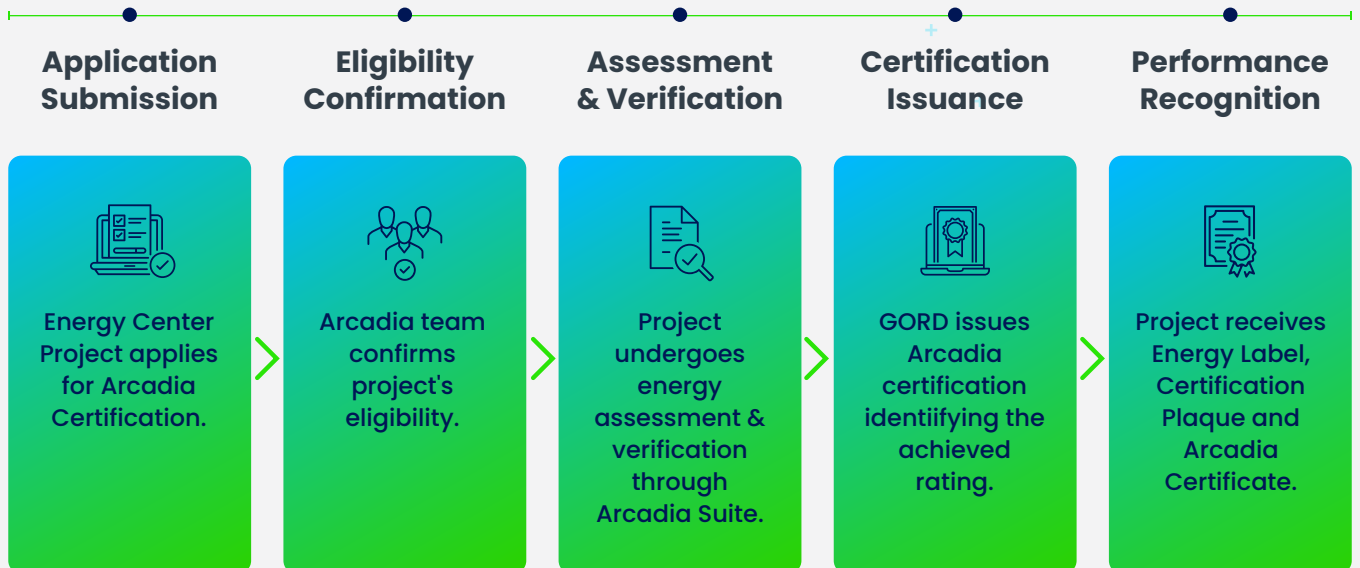# Arcadia Certification

Arcadia certification is an independent third-party accreditation that evaluates and recognizes the energy performance and efficiency of Energy Centers (ECs) including District Cooling Plants (DCPs) and projects' onsite chilled water systems. This certification provides comprehensive assessment of the efficiency and effectiveness of all energy-intensive equipment/components integrated within ECs, acknowledging their ability to optimize energy usage and contribute to sustainable practices.

Depending on the overall energy consumption of the project, four different ratings (Silver, Gold, Platinum and Diamond) can be achieved. Apart from being a Measurement, Reporting and Verification (MRV) tool for ECs' journey towards energy transition, Arcadia certification helps projects showcase their energy performance to a wider audience.

Certification Process

Application Submission	Eligibility Confirmation	Assessment & Verification	Certification Issuance	Performance Recognition
Energy Center Project applies for Arcadia Certification.	Arcadia team confirms project's eligibility.	Project undergoes energy assessment & verification through Arcadia Suite.	GORD issues Arcadia certification identiifying the achieved rating.	Project receives Energy Label, Certification Plaque and Arcadia Certificate.

What is Arcadia Suite?

Arcadia Suite is a cutting-edge tool with a user-friendly interface that employs complex algorithms to assess the performance of Energy Centers (ECs) in terms of Seasonal Energy Efficiency Ratio (SEER) and cooling performance calculated in kw/ton. The software uniquely provides, among other parameters, the Energy Label for any EC including District Cooling Plants (DCPs) and projects' onsite chilled water systems. This Energy Label facilitates the comparison between different facilities and guides the operational enhancement and upgrades for energy centers.

Why use Arcadia Suite?

Arcadia Suite is specifically designed for projects that require large amounts of cooling, such as energy centers, DCPs and chillers. It streamlines the assessment process by performing complex algorithms, equations, and calculations to provide project teams with useful insights that can be used to optimize energy performance. With a user-friendly interface, Arcadia Suite is easy to use and requires minimal training, saving you valuable time and resources.

Arcadia Suite		
	Easy To Use	Secure
Reliable	Cost Effective	Performance Visualization

Arcadia Suite has been successfully implemented on a wide range of projects, covering a significant refrigeration capacity, amounting to hundreds of thousands of tons. Arcadia Suite's key applications include:

> Shopping Malls
> High-rise Buildings
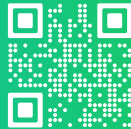> Stadiums
> Hospitals
> Neighborhood Developments

Leading the way for the decarbonization of energy centers

GORD

Arcadia Certification is awarded by the Gulf Organisation for Research & Development (GORD) – an impartial and non-profit organization specializing in sustainability in line with the United Nations Sustainable Development Goals (SDGs).

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