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CityLearn

AI System



DPG

Verified DPG



OWNER

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Zoltan Nagy

LICENCE

MIT

ORIGIN COUNTRY

United States of America

RELEASE DATE

-

TYPE

Desktop

LAST EVALUATED

22.03.2024

CONTACT

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DPG SINCE

13.03.2023



Description

CityLearn is an open source OpenAI Gym environment for the implementation of advanced control systems, e.g., MPC, and Multi-Agent Reinforcement Learning (RL) for building energy coordination and demand response in several buildings. CityLearn allows easy implementation

Access



Website



Source code

agents in a multi-agent setting to reshape their aggregated curve of electrical demand.

Core Components
Assessed/Included Repositories

The following repositories were submitted by the solution and included in our evaluation. Any repositories, add-ons, features not included in here were not reviewed by us.

- [github.com/intelligent-envi\[...\]/ts-lab/CityLearn](https://github.com/intelligent-environments-lab/CityLearn)

Feature

energy-management-software

energy

Scale of the Solution*

Connected members

N/A

Participated Programs

N/A

Available Languages

N/A

Organisations using it

N/A

* This information is self-reported and updated annually

Github insights

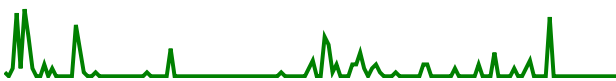
 github.com/intelligent-environments-lab/CityLearn

 11

 4

 543

 179



Activity graph of the Github project

Learn how this product has met the requirements of the
DPG Standard by exploring the indicators below.



SDG Relevance

Self-reported by DPG owner



Open Licences

Verified by DPGA ✓



Clear Ownership

Verified by DPGA ✓



Platform Independence

Self-reported by DPG owner



Documentation

Verified by DPGA ✓



Non-PII Data Extraction

Verified by DPGA ✓



Privacy & Applicable Laws

Self-reported by DPG owner



Open Standards & Best Practices

Self-reported by DPG owner





Data Privacy & Security

Self-reported by DPG owner



Inappropriate & Illegal Content

Self-reported by DPG owner



Protection from Harassment

Self-reported by DPG owner



Application Details

• DPG ID	GID0090321
• Status	DPG
• Date Created	2024-03-12
• Date Submitted	2024-03-12
• Date Reviewed	2024-03-22
• Date of Expiry	2025-03-22



Application Log Details

TIMESTAMP	ACTIVITY
2025-04-01 15:10:30	Zoltan Nagy (Applicant) submitted application for CityLearn (12261)
2025-01-21 01:30:06	System created a refresher application for CityLearn (11399)

2025-01-21 01:30:06	System created an autofill refresher application for CityLearn (12261)
2024-03-22 12:28:57	Richard Kagaba (L2 Reviewer) submitted their review of CityLearn (1051) and found it to be a DPG
2024-03-22 12:28:55	System unmarked CityLearn (11399) as a nominee

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