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# CityLearn

AI System



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

11

4

543

179



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 (S) (X) (X)
- 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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