

[EnergyKit](#) / ElectricityInsightMeasure

## Protocol

# ElectricityInsightMeasure

A protocol for types that can measure electricity usage data.

iOS 26.0+ | iPadOS 26.0+ | Mac Catalyst | macOS 26.0+

```
protocol ElectricityInsightMeasure
```

## Overview

The [ElectricityInsightRecord](#) structure uses this protocol as its generic type parameter, and supports the types:

- [ElectricityInsightRecord<Measurement<UnitEnergy>>](#)
- [ElectricityInsightRecord<Duration>](#)

## See Also

### Insights

```
struct ElectricityInsightRecord
```

A structure that provides environmental impact and cost insights for electricity usage over a specific time period.

```
actor ElectricityInsightService
```

A service for retrieving insights about electricity consumption.

```
struct ElectricityInsightQuery
```

A structure describing a query that you use to obtain environmental impact information in the form of electricity insight records.