



Drayton Wiser Integration for Home Assistant

aioWiserHeatAPI

wiserHomeAssistantPlatform

Tests developments for Wiser Hub
Generation2

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Wiser hub 2nd generation

Reference : CCT501801

This document will sum-up the results of tests made with a **Wiser HUB generation 2** and the **aiOWiserHeatAPI** and **wiserHomeAssistantPlatform**.

These applications are based on the dev branches of their github.



I made the tests device per device

I. Smartplugs:

1. light.wiser_lampadaire_signal

New application	aiOWiserHeatAPI: V1.3.9 wiserHomeAssistantPlatform: v3.3.11
vendor: Drayton Wiser product_type: SmartPlug model_identifier: SmartPlug firmware: 0.0.34 node_id: 34405 zigbee_channel: 12 displayed_signal_strength: Online uuid: 05333f42-356b-548a-97de-a1790bf35a4c type: ZigbeeDevice product_model: " serial_number: 000D6F00161F9D37 hub_route: direct device_reception_RSSI: 0 device_reception_LQI: 0 device_reception_percent: null controller_reception_RSSI: 0 controller_reception_LQI: 0 controller_reception_percent: 0 icon: mdi:wifi-strength-4 friendly_name: Wiser Lampadaire Signal	vendor: Drayton Wiser product_type: SmartPlug model_identifier: SmartPlug firmware: 0.0.34 node_id: 34405 zigbee_channel: 12 displayed_signal_strength: Online serial_number: 000D6F00161F9D37 hub_route: direct device_reception_RSSI: 0 device_reception_LQI: 0 device_reception_percent: null controller_reception_RSSI: 0 controller_reception_LQI: 0 controller_reception_percent: 0 icon: mdi:wifi-strength-4 friendly_name: Wiser Lampadaire Signal

2. Results

The entities created are the same in each context: future and actual system.

The behavior is the same

II. Lights

1. Dimmable light

a. light.wiser_dimmablelight_lustre6_light

New application	aioWiserHeatAPI: V1.3.9 wiserHomeAssistantPlatform: v3.3.11
supported_color_modes: - brightness color_mode: null brightness: null room: Salle_salon vendor: Schneider Electric name: Lustre6 model: DimmableLight product_type: DimmableLight product_identifier: NHPushButtonDimmer product_model: NHPB/DIMMER/1 serial_number: D0CF5EFFFFE550E00 firmware: 2.11.15 type: ZigbeeDevice uuid: f8fdb107-713e-5d22-b724-ce3c99b7a860 endpoint: 3 device_id: 5 is_dimmable: true mode: Auto away_mode_action: 'Off' control_source: FromSchedule current_state: 'Off' target_state: 'Off' schedule_id: 4 schedule_name: Testlight next_day_change: Monday next_schedule_change: '18:00:00' next_schedule_datetime: '2023-11-13 18:00:00' output_range_min: 1 output_range_max: 254 current_percentage: 48 current_level: 122 target_percentage: 48 manual_level: -122 override_level: 0 next_schedule_percentage: 54 icon: mdi:lightbulb-auto-outline friendly_name: Wiser DimmableLight Salle_salon Lustre6 Light supported_features: 0	supported_color_modes: - brightness color_mode: null brightness: null room: Salle name: Lustre3 model: DimmableLight product_type: DimmableLight product_identifier: NHPushButtonDimmer product_model: NHPB/DIMMER/1 serial_number: D0CF5EFFFFE550E1F firmware: 2.11.15 is_dimmable: true mode: Manual away_mode_action: "Off" control_source: FromManualMode current_state: "Off" target_state: "Off" schedule_id: 11 schedule_name: Test2proglight next_day_change: Monday next_schedule_change: "18:00:00" next_schedule_datetime: "2023-11-13 18:00:00" output_range_min: 1 output_range_max: 254 current_percentage: 100 current_level: 254 target_percentage: 100 manual_level: -254 override_level: 0 next_schedule_percentage: 30 icon: mdi:lightbulb-outline friendly_name: Wiser DimmableLight Salle Lustre3 Light supported_features: 0

b. sensor.wiser_dimmablelight_lustre6_signal

New application	aioWiserHeatAPI: V1.3.9 wiserHomeAssistantPlatform: v3.3.11
vendor: Drayton Wiser product_type: DimmableLight model_identifier: DimmableLight firmware: 2.11.15 node_id: 54163 zigbee_channel: 12 displayed_signal_strength: VeryGood uuid: f8fdb107-713e-5d22-b724-ce3c99b7a860 type: ZigbeeDevice product_model: NHPB/DIMMER/1 serial_number: D0CF5EFFFE550E00 hub_route: direct device_reception_RSSI: 0 device_reception_LQI: 0 device_reception_percent: null controller_reception_RSSI: -33 controller_reception_LQI: 255 controller_reception_percent: 100 icon: mdi:wifi-strength-4 friendly_name: Wiser DimmableLight Salle_salon Lustre6 Signal	vendor: Drayton Wiser product_type: DimmableLight model_identifier: DimmableLight firmware: 2.11.15 node_id: 54163 zigbee_channel: 12 displayed_signal_strength: VeryGood serial_number: D0CF5EFFFE550E00 hub_route: direct device_reception_RSSI: 0 device_reception_LQI: 0 device_reception_percent: null controller_reception_RSSI: -33 controller_reception_LQI: 255 controller_reception_percent: 100 icon: mdi:wifi-strength-4 friendly_name: Wiser DimmableLight Salle_salon Lustre6 Signal

2. OnOff light

a. light.wiser_dimmablelight_lustre6_light

New application	aioWiserHeatAPI: V1.3.9 wiserHomeAssistantPlatform: v3.3.11
supported_color_modes: - onoff color_mode: onoff room: Room1 vendor: Schneider Electric name: Chauffe_eau model: OnOffLight product_type: OnOffLight product_identifier: PuckLight product_model: PUCK/SWITCH/1 serial_number: A46DD4FFFE0D83AC firmware: 2.12.2 type: ZigbeeDevice uuid: 033aae6e-9bf8-5e60-b4ac-64e25f6ff706 endpoint: 1 device_id: 8 is_dimmable: false mode: Manual away_mode_action: NoChange control_source: FromManualMode current_state: 'On' target_state: 'On' schedule_id: null icon: mdi:lightbulb	supported_color_modes: - onoff color_mode: onoff room: Room1 name: Chauffe_eau model: OnOffLight product_type: OnOffLight product_identifier: PuckLight product_model: PUCK/SWITCH/1 serial_number: A46DD4FFFE0D83AC firmware: 2.12.2 is_dimmable: false mode: Manual away_mode_action: NoChange control_source: FromManualMode current_state: "On" target_state: "On" schedule_id: null icon: mdi:lightbulb

friendly_name: Wiser OnOffLight Room1 Chauffe_eau Light supported_features: 0	friendly_name: Wiser OnOffLight Room1 Chauffe_eau Light supported_features: 0
---	---

b. sensor.wiser_onofflight_lustre6_signal

New application	aioWiserHeatAPI: V1.3.9 wiserHomeAssistantPlatform: v3.3.11
vendor: Drayton Wiser product_type: OnOffLight model_identifier: OnOffLight firmware: 2.12.2 node_id: 7844 zigbee_channel: 12 displayed_signal_strength: VeryGood uuid: 033aae6e-9bf8-5e60-b4ac-64e25f6ff706 type: ZigbeeDevice product_model: PUCK/SWITCH/1 serial_number: A46DD4FFFE0D83AC hub_route: direct device_reception_RSSI: 0 device_reception_LQI: 0 device_reception_percent: null controller_reception_RSSI: -51 controller_reception_LQI: 196 controller_reception_percent: 98 icon: mdi:wifi-strength-4 friendly_name: Wiser OnOffLight Room1 Chauffe_eau Signal	vendor: Drayton Wiser product_type: OnOffLight model_identifier: OnOffLight firmware: 2.12.2 node_id: 7844 zigbee_channel: 12 displayed_signal_strength: VeryGood serial_number: A46DD4FFFE0D83AC hub_route: direct device_reception_RSSI: 0 device_reception_LQI: 0 device_reception_percent: null controller_reception_RSSI: -51 controller_reception_LQI: 196 controller_reception_percent: 98 icon: mdi:wifi-strength-4 friendly_name: Wiser OnOffLight Room1 Chauffe_eau Signal

3. Results

The entities created are the same in each context: future and actual system (the differences are underlined).

All the behaviors are the same.

III. Shutters

1. cover.wiser_shutter_jardin_control

a. Without tilt feature

New application	aioWiserHeatAPI: V1.3.9 wiserHomeAssistantPlatform: v3.3.11
current_position: 100 vendor: Schneider Electric name: Jardin model: Shutter product_type: Shutter product_identifier: NHPushButtonShutter	current_position: 100 name: Jardin model: Shutter product_type: Shutter product_identifier: NHPushButtonShutter

product_model: NHPB/SHUTTER/1 serial_number: 000D6FFFFE3F823C firmware: 2.13.0 room: Salle_salon shutter_id: 4 away_mode_action: Close mode: Auto lift_open_time: 250 lift_close_time: 250 control_source: FromManualOverride is_open: true is_closed: false current_state: Open lift_movement: Stopped current_lift: 100 manual_lift: 87 target_lift: 100 scheduled_lift: 100 type: ZigbeeDevice uuid: 9b41955d-3c0e-5622-aeaa-218aac23079d endpoint: 5 device_id: 4 is_lift_position_supported: true is_tilt_supported: true respect_summer_comfort: true summer_comfort_lift: 36 summer_comfort_tilt: 0 schedule_id: 1 schedule_name: Norm_jardin next_day_change: Monday next_schedule_change: '18:00:00' next_schedule_datetime: '2023-11-13 18:00:00' next_schedule_state: 0 icon: mdi>window-shutter-open friendly_name: Wiser Shutter Salle_salon Jardin Control supported_features: 15	product_model: NHPB/SHUTTER/1 serial_number: 000D6FFFFE3F823C firmware: 2.13.0 room: Salle_salon shutter_id: 4 away_mode_action: Close mode: Auto lift_open_time: 250 lift_close_time: 250 control_source: FromManualOverride is_open: true is_closed: false current_state: Open lift_movement: Stopped current_lift: 100 manual_lift: 87 target_lift: 100 scheduled_lift: 100 schedule_id: 1 schedule_name: Norm_jardin next_day_change: Monday next_schedule_change: "18:00:00" next_schedule_datetime: "2023-11-13 18:00:00" next_schedule_state: 0 icon: mdi>window-shutter-open friendly_name: Wiser Shutter Salle_salon Jardin Control supported_features: 15
---	--

Xxxxx Zigbee communication

XXXXX tilt feature

XXXXX summer comfort feature (move the shutter to a defined position according the indoor and outdoor temperature)

b. With tilt feature

New application	aioWiserHeatAPI: V1.3.9 wiserHomeAssistantPlatform: v3.3.11
current_position: 100 current_tilt_position: 100 vendor: Schneider Electric name: Jardin model: Shutter product_type: Shutter	current_position: 100 name: Jardin model: Shutter product_type: Shutter

product_identifier: NHPushButtonShutter product_model: NHPB/SHUTTER/1 serial_number: 000D6FFFFE3F823C firmware: 2.13.0 room: Salle_salon shutter_id: 4 away_mode_action: Close mode: Auto lift_open_time: 250 lift_close_time: 250 control_source: FromManualOverride is_open: true is_closed: false current_state: Open lift_movement: Stopped current_lift: 100 manual_lift: 87 target_lift: 100 scheduled_lift: 100 type: ZigbeeDevice uuid: 9b41955d-3c0e-5622-aeaa-218aac23079d endpoint: 5 device_id: 4 tilt_enabled: true tilt_time: 100 tilt_angle_closed: 90 tilt_angle_open: 0 tilt_movement: Stopped current_tilt: 100 manual_tilt: 100 target_tilt: 100 is_lift_position_supported: true is_tilt_supported: true respect_summer_comfort: true summer_comfort_lift: 36 summer_comfort_tilt: 0 schedule_id: 1 schedule_name: Norm_jardin next_day_change: Monday next_schedule_change: '18:00:00' next_schedule_datetime: '2023-11-13 18:00:00' next_schedule_state: 0 icon: mdi>window-shutter-open friendly_name: Wiser Shutter Salle_salon Jardin Control supported_features: 255	product_identifier: NHPushButtonShutter product_model: NHPB/SHUTTER/1 serial_number: 000D6FFFFE3F823C firmware: 2.13.0 room: Salle_salon shutter_id: 4 away_mode_action: Close mode: Auto lift_open_time: 250 lift_close_time: 250 control_source: FromManualOverride is_open: true is_closed: false current_state: Open lift_movement: Stopped current_lift: 100 manual_lift: 87 target_lift: 100 scheduled_lift: 100 schedule_id: 1 schedule_name: Norm_jardin next_day_change: Monday next_schedule_change: "18:00:00" next_schedule_datetime: "2023-11-13 18:00:00" next_schedule_state: 0 icon: mdi>window-shutter-open friendly_name: Wiser Shutter Salle_salon Jardin Control supported_features: 15
---	---

Xxxxx Zigbee communication

XXXx tilt feature

Xxxxx summer comfort feature (move the shutter to a defined position according the indoor and outdoor temperature)

2. wiser_shutter_salle_salon_jardin_signal

New application	aioWiserHeatAPI: V1.3.9 wiserHomeAssistantPlatform: v3.3.11
current_position: 100 current_tilt_position: 100 vendor: Schneider Electric name: Jardin vendor: Drayton Wiser product_type: Shutter model_identifier: Shutter firmware: 2.13.0 node_id: 57126 zigbee_channel: 12 displayed_signal_strength: VeryGood uuid: 9b41955d-3c0e-5622-aeaa-218aac23079d type: ZigbeeDevice product_model: NHPB/SHUTTER/1 serial_number: 000D6FFFFE3F823C hub_route: direct device_reception_RSSI: 0 device_reception_LQI: 0 device_reception_percent: null controller_reception_RSSI: -35 controller_reception_LQI: 255 controller_reception_percent: 100 icon: mdi:wifi-strength-4 friendly_name: Wiser Shutter Salle_salon Jardin Signal	current_position: 100 name: Jardin vendor: Drayton Wiser product_type: Shutter model_identifier: Shutter firmware: 2.13.0 node_id: 57126 zigbee_channel: 12 displayed_signal_strength: VeryGood serial_number: 000D6FFFFE3F823C hub_route: direct device_reception_RSSI: 0 device_reception_LQI: 0 device_reception_percent: null controller_reception_RSSI: -35 controller_reception_LQI: 255 controller_reception_percent: 100 icon: mdi:wifi-strength-4 friendly_name: Wiser Shutter Salle_salon Jardin Signal

3. Results

a. Basic feature

The entities created are the same in each context: future and actual system (the differences are underlined).

All the behaviors are the same.

b. Tilt features

The same push button with the new Wiser Hub generation can manage this feature, attribute **is_tilt_supported** is **true**, if the feature is enabled then **tilt_enabled** is **true**

The basics function work like in the previous version and the tilt function also

Service : open_tilt

```
2023-11-13 16:05:55.586 DEBUG (MainThread) [aioWiserHeatAPI] Sending command
to url: http://{}:/{}/data/v2/domain/Shutter/1 with parameters
{'&#x27;RequestAction&#x27;: '&#x27;Action&#x27;: '&#x27;TiltTo&#x27;,
&#x27;Percentage&#x27;: 90}}
2023-11-13 16:05:55.728 DEBUG (MainThread) [aioWiserHeatAPI] Wiser smart plug
- open_tilt command successful
2023-11-13 16:05:56.132 INFO (MainThread)
[custom_components.wiser.coordinator] Hub update completed for WiserHeat045FDD
```

Service : set_tilt_position

```

2023-11-13 16:06:00.723 DEBUG (MainThread) [aioWiserHeatAPI] Sending command
to url: http://{}:/{}/data/v2/domain/Shutter/1 with parameters
{'RequestAction': 'Action', 'TiltTo': ,
'Percentage': 50}
2023-11-13 16:06:00.782 DEBUG (MainThread) [aioWiserHeatAPI] Wiser smart plug
- open_tilt command successful
2023-11-13 16:06:00.973 INFO (MainThread)
[custom_components.wiser.coordinator] Hub update completed for WiserHeat045FDD

```

Service close_tilt

```

2023-11-13 16:06:12.811 DEBUG (MainThread) [aioWiserHeatAPI] Sending command
to url: http://{}:/{}/data/v2/domain/Shutter/1 with parameters
{'RequestAction': 'Action', 'TiltTo': ,
'Percentage': 0}
2023-11-13 16:06:12.876 DEBUG (MainThread) [aioWiserHeatAPI] Wiser smart plug
- close_tilt command successful
2023-11-13 16:06:13.078 INFO (MainThread)
[custom_components.wiser.coordinator] Hub update completed for WiserHeat045

```

c. Remarks:

- Watching the debug log, I have a question the response analysis says that the **Wiser smartplug** has executed the command...

Wiser smartplug ?????

- If you execute a tilt service when the tilt_enabled is false you get an error

```

HomeAssistantError(
homeassistant.exceptions.HomeAssistantError: Entity
cover.wiser_shutter_salle_salon_jardin_control does not support this service.

```

IV. Roomstat:

1. wiser_shutter_salle_salon_jardin_signal

New application	aioWiserHeatAPI: V1.3.9 wiserHomeAssistantPlatform: v3.3.11
vendor: Drayton Wiser product_type: RoomStat model_identifiier: Thermostat firmware: 0.60.3 node_id: 37843 zigbee_channel: 12 displayed_signal_strength: VeryGood uuid: 71c241b7-f99f-5aa4-a4ae-3dca479bc0f6 type: ZigbeeDevice product_model: Thermostat serial_number: 70AC08FFFE25860 hub_route: direct device_reception_RSSI: 0 device_reception_LQI: 0 device_reception_percent: null	vendor: Drayton Wiser product_type: RoomStat model_identifiier: Thermostat firmware: 0.60.3 node_id: 37843 zigbee_channel: 12 displayed_signal_strength: VeryGood serial_number: 70AC08FFFE25860 hub_route: direct device_reception_RSSI: 0 device_reception_LQI: 0 device_reception_percent: null

controller_reception_RSSI: -16 controller_reception_LQI: 255 controller_reception_percent: 100 humidity: 73 temperature: 18.8 icon: mdi:wifi-strength-4 friendly_name: Wiser RoomStat Room1 Signal	controller_reception_RSSI: -16 controller_reception_LQI: 255 controller_reception_percent: 100 humidity: 73 temperature: 18.8 icon: mdi:wifi-strength-4 friendly_name: Wiser RoomStat Room1 Signal
--	--

2. Results:

No changes except for Zigbee data.

V. Heating actuators

1. wiser_heatingactuator_salle_salon_signal

New application	aioWiserHeatAPI: V1.3.9 wiserHomeAssistantPlatform: v3.3.11
vendor: Drayton Wiser product_type: HeatingActuator model_identifier: CCTFR6700 firmware: 1.8.0 node_id: 35859 zigbee_channel: 12 displayed_signal_strength: Online uuid: 847de869-7509-5b6f-be89-f940be1cd48f type: ZigbeeDevice product_model: 16 Amp Relay serial_number: 8CF681FFFEA1830D hub_route: direct device_reception_RSSI: 0 device_reception_LQI: 0 device_reception_percent: null controller_reception_RSSI: 0 controller_reception_LQI: 0 controller_reception_percent: 0 temperature: 18.8 target_temperature: 8.5 output_type: Relay icon: mdi:wifi-strength-4 friendly_name: Wiser HeatingActuator Room1 Signal	vendor: Drayton Wiser product_type: HeatingActuator model_identifier: CCTFR6700 firmware: 1.8.0 node_id: 35859 zigbee_channel: 12 displayed_signal_strength: Online serial_number: 8CF681FFFEA1830D hub_route: direct device_reception_RSSI: 0 device_reception_LQI: 0 device_reception_percent: null controller_reception_RSSI: 0 controller_reception_LQI: 0 controller_reception_percent: 0 temperature: 18.8 target_temperature: 8.5 output_type: Relay icon: mdi:wifi-strength-4 friendly_name: Wiser HeatingActuator Room1 Signal

2. Results:

No changes except for Zigbee data and product_model.

VI. Room

1. Climate.wiser_room

New application	aioWiserHeatAPI: V1.3.9 wiserHomeAssistantPlatform: v3.3.11
hvac_modes: - auto - heat - 'off' min_temp: 5 max_temp: 30 target_temp_step: 0.5 preset_modes: - Advance Schedule - Cancel Overrides - Boost 30m - Boost 1h - Boost 2h - Boost 3h current_temperature: 18.8 temperature: 8.5 current_humidity: 73 hvac_action: idle preset_mode: "" window_state: Unknown window_detection_active: true away_mode_supressed: Unknown heating_type: Unknown number_of_heating_actuators: 1 demand_type: Modulating target_temperature_origin: FromSchedule is_boosted: false is_override: false is_heating: false is_passive: false control_output_state: 'Off' heating_rate: 1200 boost_time_remaining: 0 percentage_demand: 0 comfort_mode_score: 0 control_direction: Heat displayed_setpoint: 8.5 heating_supported: true cooling_supported: false minimum_heat_set_point: 50 maximum_heat_set_point: 300 minimum_cool_set_point: 180 maximum_cool_set_point: 300 setpoint_step: 5 ambient_temperature: true temperature_control: true open_window_detection: false hydronic_channel_selection: false on_off_supported: false include_in_summer_comfort: true	hvac_modes: - auto - heat - "off" min_temp: 5 max_temp: 30 target_temp_step: 0.5 preset_modes: - Advance Schedule - Cancel Overrides - Boost 30m - Boost 1h - Boost 2h - Boost 3h current_temperature: 18.8 temperature: 8.5 current_humidity: 73 hvac_action: idle preset_mode: "" window_state: Unknown window_detection_active: true away_mode_supressed: Unknown heating_type: Unknown number_of_heating_actuators: 1 demand_type: Modulating target_temperature_origin: FromSchedule is_boosted: false is_override: false is_heating: false is_passive: false control_output_state: "Off" heating_rate: 1200 boost_time_remaining: 0 percentage_demand: 0 comfort_mode_score: 0 control_direction: Heat displayed_setpoint: 8.5

<pre> hvac_mode: Heat floor_sensor_state: InRange name: Room1 occupancy_capable: false climate_demand_for_ui: 0 occupancy: Occupied schedule_id: 3 schedule_name: Hors gel 2 current_schedule_temp: 8.5 next_day_change: Tuesday next_schedule_change: '00:00:00' next_schedule_datetime: '2023-11-14 00:00:00' next_schedule_temp: 8.5 icon: mdi:radiator-disabled friendly_name: Wisser Room1 supported_features: 17 </pre>	<pre> schedule_id: 3 schedule_name: Hors gel 2 current_schedule_temp: 8.5 next_day_change: Tuesday next_schedule_change: "00:00:00" next_schedule_datetime: "2023-11-14 00:00:00" next_schedule_temp: 8.5 icon: mdi:radiator-disabled friendly_name: Wisser Room1 supported_features: 17 </pre>
---	---

XXXX: climate capabilities

Xxxx: new features (like summer_comfort, occupancy...)

2. Results

I get the same results as with the previous version

VII. HeatHub

1. wiser_heatingactuator_salle_salon_signal

New application	<pre> aioWiserHeatAPI: V1.3.9 wiserHomeAssistantPlatform: v3.3.11 </pre>
<pre> vendor: Drayton Wisser product_type: Controller model_identifier: WT704R1B30S4 firmware: 4.20.2 node_id: 0 zigbee_channel: 12 displayed_signal_strength: VeryGood uuid: c756de30-61db-56e1-b533-0b4ef0357af8 type: ZigbeeDevice wifi_strength: -62 wifi_strength_percent: 76 wifi_SSID: Synology_MCLG wifi_IP: Unknown api_version: 1.5.2 integration_version: 3.5.2 uptime: 19d 01:44:21 last_reset_reason: UNKNOWN </pre>	<pre> vendor: Drayton Wisser product_type: Controller model_identifier: WT704R1B30S4 firmware: 4.20.2 node_id: 0 zigbee_channel: 12 displayed_signal_strength: Good wifi_strength: -66 wifi_strength_percent: 68 wifi_SSID: Synology_MCLG wifi_IP: Unknown api_version: 1.3.9 integration_version: 3.3.11 uptime: 19d 01:46:01 last_reset_reason: UNKNOWN </pre>

summer_comfort_enabled: true indoor_discomfort_temperature: 25 outdoor_discomfort_temperature: 27 summer_comfort_available: true summer_discomfort_prevention: false hardware_generation: 2 icon: mdi:wifi-strength-4 friendly_name: Wiser HeatHub Signal	icon: mdi:wifi-strength-3 friendly_name: Wiser HeatHub Signal
--	--

2. Results:

Xxxx: Zigbee data

Xxxx: Summer comfort feature

No changes except for Zigbee data and product_model.

The system work the same way as the previous version

VIII. Power Tag

New device manage by the Wiser hub generation 2

1. sensor.wiser_e2054cfe_signal

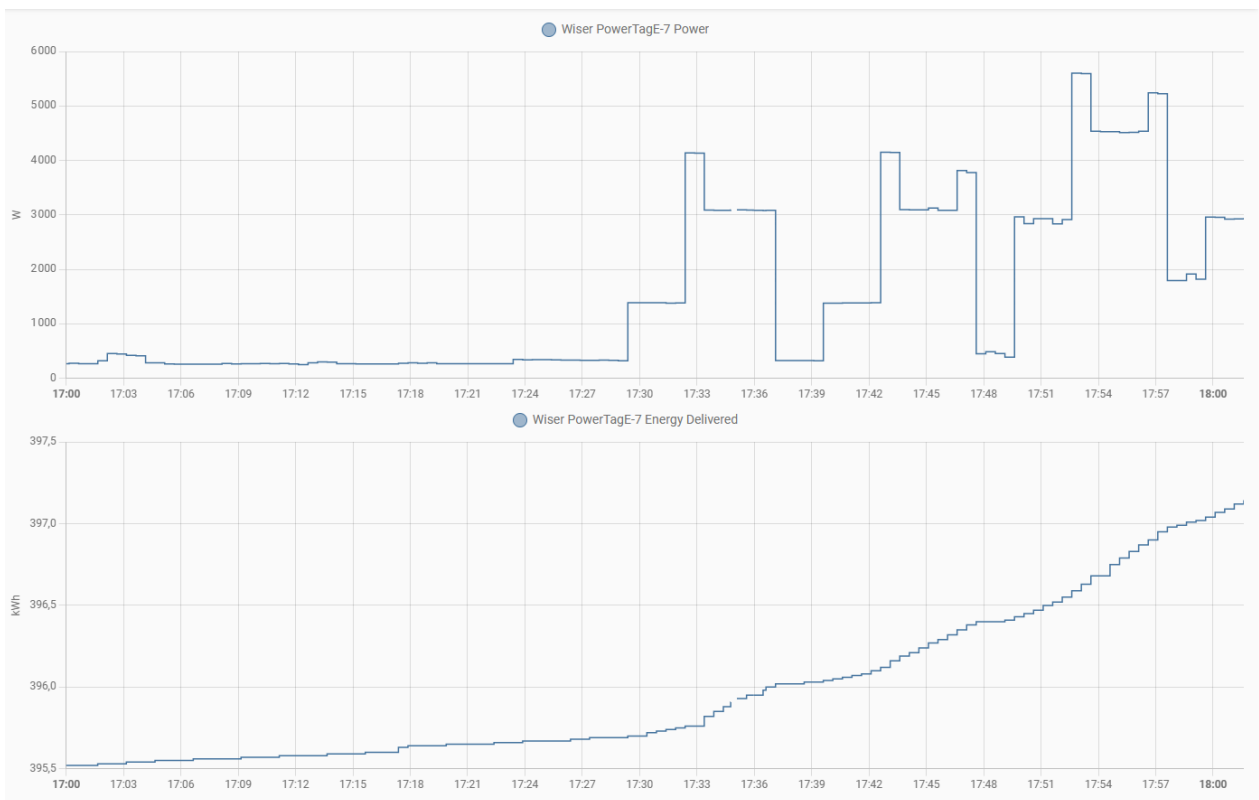
New application	aioWiserHeatAPI: V1.3.9 wiserHomeAssistantPlatform: v3.3.11
vendor: Schneider Electric product_type: PowerTagE model_identifier: PowerTagE firmware: 004.000.439 node_id: 7 zigbee_channel: 12 displayed_signal_strength: VeryGood uuid: 32e2c17c-777d-5d38-9569-c24b17a2baaf type: GreenPowerDevice product_model: R9 F63 1P+N serial_number: E2054CFE hub_route: direct device_reception_RSSI: 0 device_reception_LQI: 0 device_reception_percent: null controller_reception_RSSI: -77 controller_reception_LQI: 255 controller_reception_percent: 46 raw_total_active_power: 4141 number_of_phases: One installation_type: Bidirectional direction: Forward grid_limit: 12 grid_limit_uom: kVA operating_status: NormalOperation	#Na

fault_status: NoFault
energy_export: Unable
rms_current: 17
rms_voltage: 233
current_summation_delivered: 395763
current_summation_received: 16455
total_active_power: 4141
active_power: 4141
icon: mdi:wifi-strength-4
friendly_name: Wiser PowerTagE-7 Signal

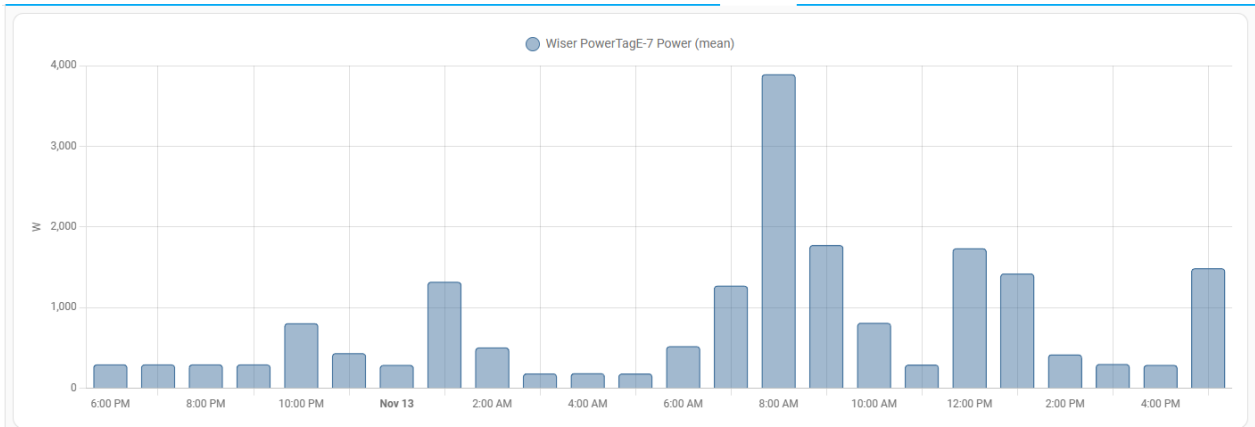
2. Results :

a. Using the history of HA

The power history seems to be ok

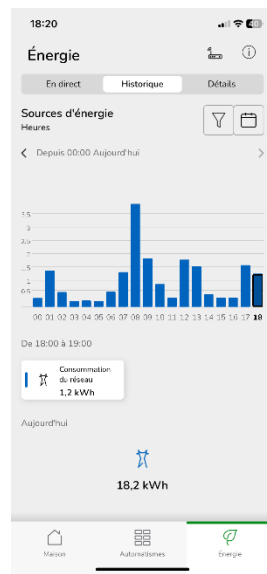
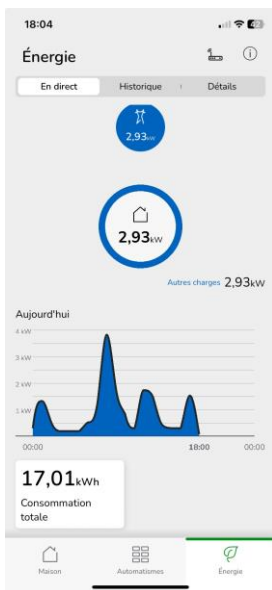


1 History of power



2 history of power per hour

Screenshot of Wiser Home app



It seems that the power coming from the wiser app and the history of HA have the same profile.

➤ *Question:*

I'd like to be able to use this data as the input of the Energy dashboard of HA, have you an idea of how can I do that?

b. Here are also data that have the same origin

Wiser PowerTagE-7		Wiser PowerTagE-7 Signal	
⚡ Current	13 A	⚡ Current	17
⚡ Voltage	234 V	⚡ Voltage	233
🏠 Energy Delivered	399.43 kWh	⚡ Puissance absorbée	395,763
🏠 Energy Received	16.45 kWh	⚡ Puissance renvoyée au réseau	16,455
🏠 Power	4,530 W	⚡ Puissance instantanée	4,141
📶 Signal	VeryGood	📶 Signal	VeryGood

The value of Current and voltage in the left side have been taken when HA started and there was no evolution, in the right side they change.

- In the left side
 - o Power is OK
 - o Energy delivered : is OK
 - o Energy received : also is OK , I made an error when I mount it for the first time , It works like I produce Energy for the grid.
 - o **I don't understand why Current and voltage are not updated.**

- In the right side all the data are updated

In the `class WisierDeviceSignalSensor(WiserSensor)` of the `sensors.py` I've added the following

```
#Added by LGO
#         # Power tag

    if self._sensor_type in ["PowerTagE", "PTE"] :
        attrs["vendor"] = MANUFACTURER_SCHNEIDER
        attrs["product_model"] = self._device.product_model
        attrs["raw_total_active_power"] =
self._device.raw_total_active_power
        attrs["number_of_phases"] = self._device.number_of_phases
        attrs["installation_type"] = self._device.installation_type
        attrs["direction"] = self._device.direction
        attrs["grid_limit"] = self._device.grid_limit
        attrs["grid_limit_uom"] = self._device.grid_limit_uom
        attrs["operating_status"] = self._device.operating_status
        attrs["fault_status"] = self._device.fault_status
        attrs["energy_export"] = self._device.energy_export
        #Data equipment

        attrs["rms_current"] = self._device.rms_current
        attrs["rms_voltage"] = self._device.rms_voltage
        attrs["current_summation_delivered"] =
self._device.delivered_power
        attrs["current_summation_received"] =
self._device.received_power
        attrs["total_active_power"] = self._device.total_active_power
        attrs["active_power"] = self._device.instantaneous_power
#End Added by LGO
```