# Service Providing Group Grid Prequalification

A resource tracking the grid prequalification status of a service providing group. One SPG grid prequalification per impacted system operator.

## Status transitions for grid prequalification

[Full Size](../diagrams/service_providing_group_prequalification_status.png) | [Plantuml description](../diagrams/service_providing_group_prequalification_status.plantuml) | [How to read the diagram](./index.md#status-and-transitions)

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| Service Providing Group prequalification |

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## Relevant links

* [API Documentation](https://flex-test.elhub.no/api/v0/#/operations/list_service_providing_group_grid_prequalification)
* [Download docx](../download/service_providing_group_grid_prequalification.docx)

## Fields

| Name | Description | Format | Reference |
| --- | --- | --- | --- |
| id | Unique surrogate key. | bigintRead only |  |
| service\_providing\_group\_id | Reference to the service providing group whose grid prequalification is tracked by the current resource. | bigintRequiredNon-updatable | [service\_providing\_group.id](service_providing_group.md#field-id) |
| impacted\_system\_operator\_id | Reference to the party that is the impacted system operator. | bigintRequiredNon-updatable | [party.id](party.md#field-id) |
| status | The status of the grid prequalification for this service providing group. | textOne of: requested, in\_progress, conditionally\_approved, approved, not\_approvedDefault: requestedAlways requested when created. Can then be updated to the other values. |  |
| notes | Free text notes on the current prequalification status. | textMax length: 512 |  |
| last\_prequalified | When the current grid prequalification was last approved. | timestamp with time zone |  |
| recorded\_at | When the resource was recorded (created or updated) in the system. | timestamp with time zoneRead only |  |
| recorded\_by | The identity that recorded the resource. | bigintRead only |  |

## Validation Rules

No validation rules.

## Notifications

| Action | Recipient | Comment |
| --- | --- | --- |
| create, update | SP of SPG, Impacted SO |  |

## Authorization

### Resource Level Authorization

Below is the [RLA](../technical/auth.md#resource-level-authorization-rla) for the resource. The default policy is **deny**.

#### Anonymous

No policies.

#### Common

| Policy key | Policy | Status |
| --- | --- | --- |
| SPGGP-COM001 | Read history on SPGGP that they can read. | DONE |

#### Balance Responsible Party

No policies.

#### End User

No policies.

#### Energy Supplier

No policies.

#### Flexibility Information System Operator

| Policy key | Policy | Status |
| --- | --- | --- |
| SPGGP-FISO001 | Read, create and update all SPGGP. | DONE |

#### Market Operator

No policies.

#### System Operator

| Policy key | Policy | Status |
| --- | --- | --- |
| SPGGP-SO001 | Read and update SPGGP for which the SO is the impacted system operator. | DONE |
| SPGGP-SO002 | Read SPGGP related to SPG they can see. | DONE |

#### Service Provider

| Policy key | Policy | Status |
| --- | --- | --- |
| SPGGP-SP001 | Read SPGGP attached to a SPG which the SP is in charge of. | DONE |

#### Third Party

No policies.

### Field Level Authorization

For party type abbreviations, check [the auth docs](../technical/auth.md#party)

| FIELD | ANON | BRP | ES | EU | FISO | MO | SO | SP | TP |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| id |  | R | R | R | R | R | R | R | R |
| service\_providing\_group\_id |  | R | R | R | RC | R | R | R | R |
| impacted\_system\_operator\_id |  | R | R | R | RC | R | R | R | R |
| status |  | R | R | R | RU | R | RU | R | R |
| notes |  | R | R | R | R | R | RU | R | R |
| last\_prequalified |  | R | R | R | RU | R | RU | R | R |
| recorded\_at |  | R | R | R | R | R | R | R | R |
| recorded\_by |  | R | R | R | R | R | R | R | R |