**Communication Exchange Use Case**

**Description:**

This use cases identifies categories of information to be electronically exchanged between a DER Aggregator and a Distribution Utility to carryout transactions for sales of distribution grid services that fall under state or local jurisdiction. The goal is to identify the cybersecurity protections that may be needed to secure necessary commercial communications and determine if supporting NAESB Business Practice Standards should be considered. The NAESB Base Contract for the Sale and Purchase of Distributed Grid Services from DER Aggregations includes provisions for parties to use secure electronic communications (ECS) to exchange applicable information, such as transaction confirmations and invoices, under the contract.

**Potential Data Exchanges:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *Electronic Communication Exchange* | *Data Owner/Controller* | *Receiving Party* | *Cybersecurity Considerations* | *Existing Standards* | *Comments* |
| **Billing & Payment Information Communications** | Distribution Utility | Aggregator |  |  |  |
| Aggregator | Distribution Utility |
| **System/Outage Information Communications** | Distribution Utility | Aggregator |  |  |  |
| Aggregator | Distribution Utility |
| **Aggregation Information Communications** | Aggregator | Distribution Utility |  |  |  |
| **Aggregation Availability Communications** | Aggregator | Distribution Utility |  |  |  |