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# Schedules to Chapter 8

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## **SCHEDULES TO CHAPTER 8**

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## SCHEDULE 8.1 METHOD OF CALCULATING SUPPLY RELIABILITY PERFORMANCE

(a) The method of calculating supply reliability performance is as follows:

Measure	Column	Definition	Equation
SAIFI	A	Annual number of supply interruptions, on average, per supply reliability category	$= \sum_{i=1}^c \frac{\Phi_i}{C}$
	B	Annual number of supply interruptions, on average, per supply reliability area	$= \sum_{i=1}^A \frac{\Theta_i}{A}$
SAIDI	C	Annual duration of supply interruptions, on average, per supply reliability category	$= \sum_{i=1}^c \frac{\Delta_i}{C}$
	D	Annual duration of supply interruptions, on average, per supply reliability area	$= \sum_{i=1}^A \frac{\delta_i}{A}$

Where:

C is the number of customers in the reliability category

A is the number of customers in the reliability area

$\Phi_i$  is the number of supply interruptions experienced by customer i in the supply reliability category

$\Theta_i$  is the number of supply interruptions experienced by customer i in the supply reliability area

$\Delta_i$  is the duration of supply interruptions experienced by customer i in the supply reliability category

$\delta_i$  is the duration of supply interruptions experienced by customer i in the supply reliability area

Column refers to the relevant standard as outlined in Table 3 of clause 8.6.11 - Interruptions to supply.

$\Phi$  and  $\Delta$  exclude supply interruptions listed as exclusions in the version of the *Electricity Distribution Network Service Providers – Service Target Performance Incentive Scheme* issued by the AER as applicable to a *Distribution Network Service Provider*.