

## Statement 0

October 7, 2021

This exercise has been already solved and gives you hints on how you should compute your own power flow based on your own statement (sent to you by mail). The link to the solved python notebook: [Solution Statement0](#)

BUS1		BUS2		BUS3	
V	$\theta$	P	V	P	Q
1	0	2	1.05	5	1

Table 1: Bus information. Values are given in pu and in radians. PV buses are generator buses : P is the active power produced. PQ buses are considered as loads : P and Q are the active and reactive powers consumed.

	BUS1	BUS2	BUS3
Coordinates (xy) in km	(0, 0)	(100, 111.8034)	(200, 0)
Connections	BUS2	BUS3	BUS1

Table 2: Bus information. Position given in km along the x and y-axis. The Connections row gives the buses to which the current bus is connected.