

Legislative Council Question on Notice 3725
[Tabled Paper No]

Project	Driver	Benefit	Location	By When
Balcatta new zone substation	Load Growth	Provide additional capacity on the Arkana and North Beach feeders to accommodate growth and new developments. Improved reliability from shorter feeders and improved interconnection.	Balcatta Industrial Area Site purchased	End 2013
Perth Transport Authority zone substation	Customer	Provide additional capacity for a new traction supply substation.	No site, but required in the general Clarkson area	Approximately 2014
Medical Centre zone substation	Customer, load growth	Provide additional capacity for a customer load project, replacement of existing zone substation.	Sir Charles Gardiner Hospital	Approximately 2014
Shenton Park & surrounds new zone substation	Age asset, capacity	Replacement of existing substation driven by asset replacement. Identifying sites will include engagement with stakeholders and the community.	No site, but required in the general Shenton Park or surrounding area	Approximately 2016
Osborne Park & surrounds new zone substation	Load growth	Potential reinforcement / relocation of existing substation to accommodate growth and the redevelopment of Stirling City Centre. Coordination with Stirling City Alliance is currently underway. Identifying sites will include engagement with stakeholders and the community. In lieu of Jondanna substation project.	No site, but required in the general Osborne Park & surrounding area	Approximately 2017
City of Wanneroo area new zone substation	Load Growth	Provide additional capacity to accommodate growth and new developments. Identifying sites will include engagement with stakeholders and the community.	Wanneroo / Hocking – Western Power owns a site in Hocking, but a suitable location will be dependent on further network studies	Approximately 2019

There are a number of new transformers proposed for existing established substations in the region, including Joondalup, Henley Brook, Wangara, Clarkson and Yanchep. This will provide additional capacity to these areas and defer the need for separate pieces of infrastructure where possible.