

Biodiversity credit report



This report identifies the number and type of biodiversity credits required for a major project.

Date of report: 18/10/2017

Time: 1:16:02PM

Calculator version: v4.0

Major Project details

Proposal ID: 0035/2017/4338MP

Proposal name: Tarleigh solar farm 2

Proposal address: Parfreys Road, Blighty, Blighty NSW 2713

Proponent name: RES Australia PTY LTD

Proponent address: Suite 4 Level 1 760 Pacific Highway Chatswood NSW 2067 NSW

Proponent phone: 0400 210 325

Assessor name: Brooke Marshall

Assessor address: 1/216 Carp St Bega NSW 2250

Assessor phone: 64928333

Assessor accreditation: 0035

Summary of ecosystem credits required

Plant Community type	Area (ha)	Credits created
Black Box grassy open woodland wetland of rarely flooded depressions in south western NSW (mainly Riverina Bioregion and Murray Darling Depression Bioregion)	0.02	0.14
Black Box open woodland wetland with chenopod understorey mainly on the outer floodplains in south-western NSW (mainly Riverina Bioregion and Murray Darling Depression Bioregion)	2.73	11.00
Western Grey Box tall grassy woodland on alluvial loam and clay soils in the NSW South Western Slopes and Riverina Bioregions	0.63	1.41
Total	3.38	13

Credit profiles

1. Western Grey Box tall grassy woodland on alluvial loam and clay soils in the NSW South Western Slopes and Riverina Bioregions, (MU555)

Number of ecosystem credits created	0
IBRA sub-region	MU Fans

Offset options - Plant Community types	Offset options - IBRA sub-regions
Western Grey Box tall grassy woodland on alluvial loam and clay soils in the NSW South Western Slopes and Riverina Bioregions, (MU555)	MU Fans and any IBRA subregion that adjoins the IBRA subregion in which the development occurs

2. Western Grey Box tall grassy woodland on alluvial loam and clay soils in the NSW South Western Slopes and Riverina Bioregions, (MU555)

Number of ecosystem credits created	1
IBRA sub-region	MU Fans

Offset options - Plant Community types	Offset options - IBRA sub-regions
Western Grey Box tall grassy woodland on alluvial loam and clay soils in the NSW South Western Slopes and Riverina Bioregions, (MU555)	MU Fans and any IBRA subregion that adjoins the IBRA subregion in which the development occurs

3. Black Box grassy open woodland wetland of rarely flooded depressions in south western NSW (mainly Riverina Bioregion and Murray Darling Depression Bioregion), (MU514)

Number of ecosystem credits created	0
IBRA sub-region	MU Fans

Offset options - Plant Community types	Offset options - IBRA sub-regions
Black Box grassy open woodland wetland of rarely flooded depressions in south western NSW (mainly Riverina Bioregion and Murray Darling Depression Bioregion), (MU514) Black Box - Lignum woodland wetland of the inner floodplains in the semi-arid (warm) climate zone (mainly Riverina Bioregion and Murray Darling Depression Bioregion), (MU513) Black Box open woodland wetland with chenopod understorey mainly on the outer floodplains in south-western NSW (mainly Riverina Bioregion and Murray Darling Depression Bioregion), (MU515)	MU Fans and any IBRA subregion that adjoins the IBRA subregion in which the development occurs

4. Black Box open woodland wetland with chenopod understorey mainly on the outer floodplains in south-western NSW (mainly Riverina Bioregion and Murray Darling Depression Bioregion), (MU515)

Number of ecosystem credits created	3
IBRA sub-region	MU Fans

Offset options - Plant Community types	Offset options - IBRA sub-regions
Black Box open woodland wetland with chenopod understorey mainly on the outer floodplains in south-western NSW (mainly Riverina Bioregion and Murray Darling Depression Bioregion), (MU515) Black Box - Lignum woodland wetland of the inner floodplains in the semi-arid (warm) climate zone (mainly Riverina Bioregion and Murray Darling Depression Bioregion), (MU513)	MU Fans and any IBRA subregion that adjoins the IBRA subregion in which the development occurs

5. Black Box open woodland wetland with chenopod understorey mainly on the outer floodplains in south-western NSW (mainly Riverina Bioregion and Murray Darling Depression Bioregion), (MU515)

Number of ecosystem credits created	8
IBRA sub-region	MU Fans

Offset options - Plant Community types	Offset options - IBRA sub-regions
Black Box open woodland wetland with chenopod understorey mainly on the outer floodplains in south-western NSW (mainly Riverina Bioregion and Murray Darling Depression Bioregion), (MU515) Black Box - Lignum woodland wetland of the inner floodplains in the semi-arid (warm) climate zone (mainly Riverina Bioregion and Murray Darling Depression Bioregion), (MU513)	MU Fans and any IBRA subregion that adjoins the IBRA subregion in which the development occurs

Summary of species credits required

BioBanking Credit Calculator

Ecosystem credits

Proposal ID : 0035/2017/4338MP

Proposal name : Tarleigh solar farm 2

Assessor name : Brooke Marshall

Assessor accreditation number : 0035

Tool version : v4.0

Report created : 18/10/2017 13:16

Assessment circle name	Landsc ape score	Vegetation zone name	Vegetation type name	Condition	Red flag status	Management zone name	Management zone area	Current site value	Future site value	Loss in site value	Credit required for bio diversity	Credit required for TS	TS with highest credit requirement	Average species loss	Species TG Value	Final credit requirement for management zone
one	3.00	MU515_Moderate/Good	Black Box open woodland wetland with chenopod understorey mainly on the outer floodplains in south-western NSW (mainly Riverina Bioregion and Murray Darling Depression Bioregion)	Moderate/Good	Yes	1	0.10	62.89	0.00	62.89	0	3	Little Pied Bat	66.67	2.10	3
one	3.00	MU515_Low	Black Box open woodland wetland with chenopod understorey mainly on the outer floodplains in south-western NSW (mainly Riverina Bioregion and Murray Darling Depression Bioregion)	Low	No	1	2.30	6.67	0.00	6.67	0	0		0.00	0.00	0
one	3.00	MU515_Moderate/Good_Poor	Black Box open woodland wetland with chenopod understorey mainly on the outer floodplains in south-western NSW (mainly Riverina Bioregion and Murray Darling Depression Bioregion)	Moderate/Good_Poor	Yes	1	0.14	44.67	0.00	44.67	0	3	Little Pied Bat	11.11	2.10	3
one	3.00	MU555_Low	Western Grey Box tall grassy woodland on alluvial loam and clay soils in the NSW South Western Slopes and Riverina Bioregions	Low	No	1	0.60	12.50	0.00	12.50	6	0		0.00	0.00	0
one	3.00	MU555_Moderate/Good	Western Grey Box tall grassy woodland on alluvial loam and clay soils in the NSW South Western Slopes and Riverina Bioregions	Moderate/Good	Yes	1	0.03	61.46	0.00	61.46	1	1	Little Pied Bat	61.11	2.10	1
one	3.00	MU515_Moderate/Good_Other	Black Box open woodland wetland with chenopod understorey mainly on the outer floodplains in south-western NSW (mainly Riverina Bioregion and Murray Darling Depression Bioregion)	Moderate/Good_Other	Yes	1	0.19	44.67	0.00	44.67	0	5	Little Pied Bat	11.11	2.10	5
one	3.00	MU514_Moderate/Good	Black Box grassy open woodland wetland of rarely flooded depressions in south western NSW (mainly Riverina Bioregion and Murray Darling Depression Bioregion)	Moderate/Good	Yes	1	0.02	24.00	0.00	24.00	0	0	Little Pied Bat	16.67	2.10	0

BioBanking Credit Calculator

Species credits

Proposal ID :

Proposal name :

Assessor name :

Assessor accreditation number :

Tool version :v4.0

Report created :18/10/2017 13:16

Scientific name	Common name	Species TG value	Identified population?	Can Id. popn. be offset?	Area / number of loss	Negligible loss	Red flag status	Number of credits
No								