

Table 22-11 Temporary and Permanent Impacts to Delineated Wetlands

Field ID	Wetland Classification	Jurisdiction	Conversion (Sq. Ft/ Acres)	Temporary Impacts (Sq. Ft/ Acres)	Permanent Impacts (Sq. Ft/ Acres)	Total Impacts (Sq. Ft/ Acres)	Permanent Forest Conversion (Sq. Ft/ Acres)	Impact Types to Wetlands Only	Impact Avoidance Measures	Page Number from Civil Drawing
W-BTF-1	PEM	USACE	-	32,375/ 0.74	13/ 0.00	32,388/ 0.74	-	Array Area, Tree Clearing Type I & II#, LOD	Tree clearing necessary for preventing shading on nearby solar arrays has been limited to the maximum extent practicable. Part of this wetland is previously disturbed by agricultural practices. State-mapped wetlands that overlap with this delineated wetland have been avoided and will not be impacted. Impacts to the 100-ft adjacent area are required due to Project Components.	C. 315, C.316, C. 320, C. 321,
W-BTF-1	PFO	USACE	1,907,883/ 43.8	294/ 0.01	2,397/ 0.06	1,910,574/ 43.86	1,888,103/ 43.35	Access Road, Array Area, Collector, Culvert/Riprap, Fence, Grading, Tree Clearing Type I & II, LOD	Tree clearing necessary for preventing shading on nearby solar arrays has been limited to the maximum extent practicable. Impacts to the 100-ft adjacent area are required due to Project Components.	C. 315, C.316, C. 320, C. 321
W-BTF-2*	PEM	Non-Jurisdictional	-	3,253/ 0.07	2/ 0.00	3,255/ 0.07	-	Array, Grading, LOD	This wetland is previously disturbed by agricultural practices.	C. 321
W-BTF-9	PFO	Non-Jurisdictional	171,643/ 3.94	-	115/ 0.00	171,758/ 3.94	171,643/ 3.94	Array, Tree Clearing Type I, Grading, LOD	Tree clearing necessary for preventing shading on nearby solar arrays has been limited to the maximum extent practicable. Impacts to palustrine forested wetlands have been minimized to maximum extent practicable.	C. 318
W-BTF-11	PFO	Non-Jurisdictional	<del>216,549/ 4.97</del> 230,967/ 5.30	-	<del>113/ 0.00</del> 120/ 0.00	<del>216,662/ 4.97</del> 231,087/ 5.31	<del>216,549/ 4.97</del> 230,718/ 5.30	Array Area, Tree Clearing Type I & II, LOD	Tree clearing necessary for preventing shading on nearby solar arrays has been limited to the maximum extent practicable. Setbacks have been proposed for stream crossing this wetland.	C. 318, C.319, C. 320
W-BTF-11	PEM	Non-jurisdictional	-	21,262/ 0.49	13/ 0.00	21,275/ 0.49	-	Array Area, Tree Clearing Type I & II, LOD	Tree clearing necessary for preventing shading on nearby solar arrays has been limited to the maximum extent practicable.	C. 320

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W-BTF-12	PFO	USACE	49,700/ 1.14	-	-	49,700/ 1.14	49,700/ 1.14	Fence, Tree Clearing Type I & II, LOD	Tree clearing necessary for preventing shading on nearby solar arrays has been limited to the maximum extent practicable. Setbacks have been proposed for stream crossing this wetland.	C. 319
W-BTF-14	PEM	Non-Jurisdictional	-	10,396/ 0.24	-	10,396/ 0.24	-	Array, Fence, Tree Clearing Type I, LOD	Tree clearing necessary for preventing shading on nearby solar arrays has been limited to the maximum extent practicable. A portion of this wetland is previously disturbed by agricultural practices. Impacts to palustrine emergent wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible.	C. 318
W-BTF-15	PFO	Non-Jurisdictional	9,905/ 0.23	-	6/ 0.00	9,911/ 0.23	9,905/ 0.23	Array, Tree Clearing Type I, LOD	Tree clearing necessary for preventing shading on nearby solar arrays has been limited to the maximum extent practicable. Impacts to palustrine forested wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible.	C. 320
W-BTF-16	PFO	Non-Jurisdictional	683/ 0.02	-	-	683/ 0.02	683/ 0.02	Tree Clearing Type I, LOD	A small portion of tree clearing necessary for preventing shading on nearby solar arrays has been limited to the maximum extent practicable. Impacts to palustrine forested wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible.	C. 327, C. 328

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W-BTF-17	PFO	USACE	686,969/ 15.77	4,351/ 0.10	2,026/ 0.05	693,346/ 15.92	679,242/ 15.59	Access Road, Array Area, Collector, Culvert/Riprap, Fence, Grading, Tree Clearing Type I & II, LOD	Tree clearing necessary for preventing shading on nearby solar arrays has been limited to the maximum extent practicable. Setbacks have been proposed for stream crossing this wetland. Impacts to palustrine forested wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible.	C.326, C.327, C.328, C.329
W-BTF-17	PEM	USACE	-	19,291/ 0.44	4/ 0.00	19,295/ 0.44	-	Array Area, Collector, Fence, Grading, Tree Clearing Type I & II, LOD	Impacts to palustrine emergent wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible. Tree clearing necessary for preventing shading on nearby solar arrays has been limited to the maximum extent practicable.	C.326
W-BTF-18	PEM	USACE	-	4,618/ 0.11	-	4,618/ 0.11	-	Grading, LOD	Impacts to palustrine emergent wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible. Impacts to a small portion of this wetland is unavoidable due to siting of proposed substation.	C.322, C.327
W-JJB-1	PFO	USACE	15,276/ 0.35	-	4/ 0.00	15,279/ 0.35	15,276/ 0.35	Array Area, Fence, Grading, Tree Clearing Type I & II, LOD	Tree clearing necessary for the placement of Project Components and for preventing shading on nearby solar arrays has been limited to the maximum extent practicable. Impacts to palustrine forested wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible.	C. 337

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W-JJB-2	PFO	USACE	279,941/ 6.43	1,524/ 0.03	426/ 0.01	281,890/ 6.47	279,941/ 6.43	Temporary Access Road, Array Area, Culvert/Riprap, Fence, Grading, Tree Clearing Type I & II, LOD	Tree clearing necessary for the placement of Project Components and for preventing shading on nearby solar arrays has been limited to the maximum extent practicable. Impacts to palustrine forested wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible. Setbacks have been proposed for stream crossing this wetland. Impacts to this wetland is unavoidable to meet the 200 MW contracted generation and to prevent shading of nearby panels.	C. 311
W-JJB-3	PEM	USACE	-	31,685/ 0.73	-	31,685/ 0.73	-	Fence, Grading, Tree Clearing Type I, LOD	Impacts to palustrine emergent wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible. Portions of this wetland are previously disturbed by agricultural practices.	C.323, C.326, C.330, C.331, C.332
W-JJB-3*	PFO	USACE	6,402/ 0.15	2,282/ 0.05	1,893/ 0.04	10,577/ 0.24	6,399/ 0.15	Access Road, Collector, Grading, Tree Clearing Type I, LOD	Tree clearing necessary for the placement of Project Components and for preventing shading on nearby solar arrays has been limited to the maximum extent practicable. Impacts to palustrine forested wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible. HDD will be utilized within this portion of wetland.	C. 322, C.323, C.324, C.325, C.326, C.330, C.331
W-JJB-4	PEM	USACE	-	3,435/ 0.08	-	3,435/ 0.08	-	Collector, LOD	Impacts to palustrine emergent wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible. Portions of this wetland are previously disturbed by agricultural practices.	C.335, C.336

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W-JJB-4	PSS	USACE	204/ 0.00	7,901/ 0.18	1,507/ 0.03	9,612/ 0.22	-	Access Road, Collector, Grading, LOD	Impacts to palustrine scrub-shrub wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible.	C.335, C.336
W-JJB-6	PEM	USACE	-	15,825/ 0.36	10/ 0.00	15,835/ 0.36	-	Array, Tree Clearing Type I, LOD	Impacts to palustrine emergent wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible. This wetland is previously disturbed by agricultural practices.	C.332, C.336
W-JJB-6	PFO	USACE	105,675/ 2.43	-	30/ 0.00	105,705/ 2.43	100,436/ 2.31	Array, Fence, Grading, Tree Clearing Type I, LOD	Tree clearing necessary for the placement of Project Components and for preventing shading on nearby solar arrays has been limited to the maximum extent practicable. Impacts to palustrine forested wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible.	C.332, C.336
W-JJB-6	PSS	USACE	38,871/ 0.89	77/ 0.00	19/ 0.00	38,967/ 0.89	-	Array, Fence, Fenced Area, LOD	Impacts to palustrine scrub-shrub wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible. Impacts to this wetland is unavoidable to meet the 200 MW contracted generation and to prevent shading of nearby panels.	C.332, C.336
W-JJB-8	PEM	USACE	-	55,596/ 1.28	19/ 0.00	55,614/ 1.28	-	Array Area, Fence, Grading, Tree Clearing Type I & II, LOD	Impacts to palustrine emergent wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible. Impacts to this wetland is unavoidable to meet the 200 MW contracted generation.	C. 302

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W-JJB-8	PFO	USACE	705,173/ 16.19	1,862/ 0.04	2,739/ 0.06	709,774/ 16.29	705,166/ 16.19	Access Road, Array Area, Culvert/Riprap, Fence, Grading, Tree Clearing Type I & II, LOD	Tree clearing necessary for the placement of Project Components to meet the 200 MW contracted generation and for preventing shading on nearby solar arrays has been limited to the maximum extent practicable. Impacts to palustrine forested wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible.	C. 302
W-NSD-3	PFO	Non-Jurisdictional	5,187/ 0.12	369/ 0.01	1/ 0.00	5,557/ 0.13	5,187/ 0.12	Temporary Access Road, Array Area, Fence, Grading, Tree Clearing Type I & II, LOD	Tree clearing necessary for the placement of Project Components and for preventing shading on nearby solar arrays has been limited to the maximum extent practicable. Impacts to palustrine forested wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible.	C. 305
W-NSD-5	PFO	USACE	11,227/ 0.26	-	-	11,227/ 0.26	11,227/ 0.26	Fence, Tree Clearing Type I & II, LOD	Tree clearing necessary for the placement of Project Components and for preventing shading on nearby solar arrays has been limited to the maximum extent practicable. Impacts to palustrine forested wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible.	C. 304
W-NSD-7	PUB	Non-Jurisdictional	-	11,241/ 0.26	4/ 0.00	11,245/ 0.26	-	Array Area, Fence, Grading, LOD	Impacts to this non-jurisdictional farm pond are required due to Project Components.	C. 313
W-NSD-8	PEM	USACE	-	1,737/ 0.04	-	1,737/ 0.04	-	Fence, LOD	This wetland is previously disturbed by agricultural practices. Impacts to wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible.	C. 310

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W-NSD-9	PEM	Non-Jurisdictional	-	51,739/ 1.19	35/ 0.00	51,774/ 1.19	-	Array Area, Grading, LOD	This wetland is previously disturbed by agricultural practices. Impacts to wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible.	C. 307, C. 310
W-NSD-10	PEM	USACE	-	660,934/ 15.17	331/ 0.01	661,265/ 15.18	-	Array, Collector, Fence, LOD	This wetland is previously disturbed by agricultural practices. Impacts to wetlands have been minimized to maximum extent practicable by siting most of the Project Components in agricultural and previously disturbed areas wherever possible.	C. 303, C. 307, C. 308
W-NSD-15	PEM	Non-Jurisdictional	-	5,669/ 0.13	-	5,669/ 0.13	-	Collector, LOD	Impacts to this roadside wetland have been minimized, however, impacts are necessary for the installation of the collector line alongside the road.	C. 326
W-NSD-18	PEM	Non-Jurisdictional	-	13,452/ 0.31	7/ 0.00	13,459/ 0.31	-	Array, Tree Clearing Type I, LOD	Tree clearing necessary for preventing shading on nearby solar arrays has been limited to the maximum extent practicable. Part of this wetland is previously disturbed by agricultural practices.	C. 314, C. 322
<del>PW-3<sup>1</sup></del>	<del>PEM</del>	<del>Non-Jurisdictional</del>	-	<del>9/ 0.00</del>	-	<del>9/ 0.00</del>	-	<del>Collector, LOD</del>	<del>Impacts to this roadside wetland have been minimized, however, impacts are necessary for the installation of the collector line alongside the road.</del>	<del>C.320</del>
PW-20	PFO	USACE	-	18,767/ 0.43	-	18,767/ 0.43	-	Collector, LOD	Impacts to this roadside wetland have been minimized, however, impacts are necessary for the installation of the collector line alongside the road.	C.339
PW-26	PFO	USACE	83/ 0.00	1,068/ 0.02	-	1,151/ 0.03	83/ 0.00	Collector, Tree Clearing Type I, LOD	Impacts to this roadside wetland have been minimized, however, impacts are necessary for the installation of the collector line alongside the road.	C.326, C.328, C.329

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<b>Totals</b>			<del>4,211,369/ 96.68</del> 4,225,787/ 97.01	<del>298,815/ 6.86</del> 981,003/ 22.52	<del>11,370/ 0.26</del> 11,720/ 0.27	<del>4,521,554/ 103.80</del> 5,218,510/ 119.80	<del>4,139,539/ 95.04</del> 4,153,708/ 95.36			

#Type I tree clearing includes ground disturbances (e.g. grubbing, root removal); Type II tree clearing does not include ground disturbance and vegetation is cut to a minimum height of 6-inches above grade

\*Crossing done via HDD

<sup>1</sup> Predicted Wetlands (PW) based on aerial imagery review