

MATRIX FOR IDENTIFICATION OF IMPACTS DURING CONSTRUCTION STAGE

Phases	Components Actions / Factors	Climate	Atmosphere		Land		Surface water		Groundwater		Flora		Fauna		Ecosystem	landscap	Socioeconomic						Negative interactions	Positive interactions			
		Microclimate	Quality	Noise	Structure	Quality	Relief	Surface drainage	Quality	Aquifers recharge	Quality	Vegetable coverage	Species within any category of NOM-059	Habitat			Distribution	Species within any category of NOM-059	Biodiversity	Quality	Change of land use	Economic			Services		
																					Jobs	Local and Regional Development	Water	Energy	Waste management and disposal	Consumables	
Construction	Rocks removal and blowing up		IC 1	IC 2	IC 3	IC 4	IC 5	IC 6	IC 7					IC 9			IC 10		IC 11	IC 12	IC 13		IC 15	IC 16	11	3	
	Excavation, cuts, and filling-in		IC 1	IC 2	IC 3	IC 4	IC 5	IC 6	IC 7					IC 9			IC 10		IC 11	IC 12	IC 13		IC 15	IC 16	11	3	
	Compaction and leveling		IC 1	IC 2	IC 3	IC 4	IC 5	IC 6	IC 7	IC 8				IC 9			IC 10		IC 11	IC 12	IC 13		IC 15	IC 16	12	3	
	Wind-turbines construction		IC 1	IC 2	IC 3	IC 4		IC 6	IC 7	IC 8				IC 9			IC 10		IC 11	IC 12	IC 13	IC 14	IC 15	IC 16	12	3	
	Installation of permanent meteorological towers		IC 1	IC 2	IC 3	IC 4		IC 6	IC 7					IC 9			IC 10		IC 11	IC 12	IC 13	IC 14	IC 15	IC 16	11	3	
	Construction of transmission lines and substations		IC 1	IC 2	IC 3	IC 4		IC 6	IC 7	IC 8				IC 9			IC 10		IC 11	IC 12	IC 13	IC 14	IC 15	IC 16	12	3	
	Operation of provisional facilities (concrete plant, crusher, offices and warehouses)		IC 1	IC 2				IC 7						IC 9			IC 10		IC 11	IC 12	IC 13	IC 14	IC 15	IC 16	8	3	
	Connection tests																						IC 15	IC 16	1	1	
	Restoration, cleaning, and signaling		IC 1	IC 2										IC 9						IC 11	IC 12	IC 13		IC 15	IC 16	5	3
	Transportation of consumables, equipment, materials and staff		IC 1	IC 2										IC 9						IC 11	IC 12	IC 13		IC 16	4	3	
	Storage of materials and equipment					IC 4		IC 6									IC 10					IC 14			4	0	
Negative interactions			9	9	6	7	3	7	7	3	0	0	0	0	9	0	0	8	0		9	5	9				
Positive interactions																			9	9				10			
Total negative interactions			91																								
Total positive interactions			28																								

Adverse Impact
 Beneficial Impact

MATRIX FOR IDENTIFICATION OF IMPACTS DURING OPERATION AND MAINTENANCE STAGE

Phases	Components	Climate		Atmosphere		Land		Surface water		Groundwater		Flora		Fauna			Ecosystem	Landscape	Socioeconomic							Negative interactions	Positive interactions			
		Microclimate	Quality	Noise	Structure	Quality	Relief	Surface drainage	Quality	Aquifers recharge	Quality	Vegetable coverage	Species within any category of NOM-059	Terrestrial			Biodiversity	Quality	Change of land use	Economic			Services							
														Habitat	Distribution	Species within any category of NOM-059				Jobs	Local and Regional Development	Water	Energy	Waste management and disposal	Consumables					
Operation	Wind turbines operation		IO 1	IO 3									IO 6	IO 7	IO 7			IO 8			IO 10							5	2	
	Operation of electric facilities																	IO 8			IO 10							1	1	
	Maintenance and Surveillance		IO 2	IO 3		IO 4									IO 7			IO 8		IO 9				IO 11				6	1	
	Transportation of consumables, equipment, materials and staff		IO 2																									1		
	Land restoration in provisional roads and temporarily impaired areas											IO 5																		1
	Negative interactions		2	2		1								1	2	1			3						1					
Positive interactions		1									1									1	2									
Total negative interactions		13																												
Total positive interactions		5																												

Adverse Impact
 Beneficial Impact

MATRIX FOR IDENTIFICATION OF IMPACTS DURING SITE ABANDONMENT STAGE

Phases	Components	Climate	Atmosphere		Land		Surface water	Groundwater		Flora	Fauna		Ecosystem	Landscape	Socioeconomic						Negative interactions	Positive interactions			
			Microclimate	Quality	Noise	Structure	Quality	Relief	Surface drainage	Quality	Aquifers recharge	Quality			Vegetable coverage	Species within any category of NOM-059	Terrestrial		Change of land use	Economic			Services		
																	Habitat	Distribution		Species within any category of NOM-059			Biodiversity	Quality	Jobs
Dismantling and demolition of structures			IA 1	IA 2		IA 3		IA 4	IA 5					IA 8		IA 10	IA 11	IA 12	IA 13	IA 14	IA 15	8	4		
Transportation of consumables, equipment, materials and staff			IA 1	IA 2												IA 10	IA 11	IA 12				3	2		
Cleaning and rehabilitation			IA 1	IA 2				IA 5		IA 6		IA 7			IA 9	IA 10	IA 11	IA 12		IA 14	IA 15	4	7		
Negative interactions			3	3		1		1						1				3	1	2					
Positive interactions								2		1				1		3	3				2				
Total negative interactions			15																						
Total positive interactions			13																						

Adverse Impact
 Beneficial Impact