High Volt Cables DB

	high_volt_cables
PK	high_volt_cables_id short NOT NULL
	cable_type_varchar(255) NOT NULL

High Volt Cable Selection DB

	high_volt_cable_selection	
PK	high_volt_cable_selection_id short NOT NULL	
	min_cable_section_for_select float NOT NULL	

Transformer Selection DB

	transformer_selection
PK	transformer_selection_id short NOT NULL
	rated power for transformer selection varchar(255) NOT NULL

Light Information DB

	light_information
PK	light_information_id short NOT NULL
	luminaire_model varchar(255) NOT NULL
	lamp_model varchar(255) NOT NULL
	amount_luminaires short NOT NULL
	amount_lamps_in_one_luminaire short NOT NULL
	one_lamp_power double NOT NULL
	one_lamp_light_flux float NOT NULL
	distance_between_lamp_rows float NOT NULL
	distance_between_wall_and_first_lamp_row float NOT NULL
	amount_luminaires_per_length short NOT NULL
	amount_luminaires_per_width short NOT NULL
	total_active_power float NOT NULL
	total_reactive_power float NOT NULL
	total_full_power float NOT NULL
	electric_current float NOT NULL
	electric_current_of_one_row_of_luminaires float NOT NULL
	cos_f float NOT NULL
	tg_f float NOT NULL

Luminaire Selection DB

	luminaire_selection		
PK	luminaire_selection_id short NOT NULL		
	distance_between_lamp_rows float NOT NULL		
	distance_between_wall_and_first_lamp_row float NOT NULL		
	amount_luminaires_per_length short NOT NULL		
	amount_luminaires_per_width short NOT NULL		
	light_flux float NOT NULL		
	production_hall_height float NOT NULL		
	production_hall_width float NOT NULL		
	production_hall_length float NOT NULL		

Power Transformers DB

power_transformers

PK	power_transformers_id short NOT NULL
	transformer_model float NOT NULL
	transformer_full_power varchar(255) NOT NULL
	transformer_load_coef float NOT NULL
	short_circuit_voltage float NOT NULL
	transformer_idle_losses float NOT NULL
	high_side_voltage float NOT NULL
	low_side_voltage float NOT NULL
	short_circuit_losses double NOT NULL
	idle_current float NOT NULL

Protective Equipment Selection DB

protective_equipment_selection	
PK	protective_equipment_selection_id short NOT NULL
	equipment_rated_current float NOT NULL
	equipment_starting_current varchar(255) NOT NULL
	calculated_current_of_thermal_release float NOT NULL
	calculated_current_of_electromagnetic_release float NOT NULL

Compensation Device DB

	compensation_device
PK	compensation_device_id short NOT NULL
	model_of_compensation_device varchar(255) NOT NULL
	reactive power of compensation device float NOT NULL

Compensation Device Selection DB

	compensation_device_selection
PK	compensation_device_selection_id short NOT NULL
	min_power_of_compensation_device float NOT NULL
	max_power_of_compensation_device float NOT NULL

High Volt Information DB

	high_volt_information
PK	high_volt_information_id short NOT NULL
	high_voltage_air_line_inductive_resistance float NOT NULL
	high_voltage_cable_line_inductive_resistance float NOT NULL
	high_voltage_cable_line_active_resistance float NOT NULL
	surge_coefficient float NOT NULL
	economic_current_density float NOT NULL
	short_circuit_time float NOT NULL
	coefficient_taking_emitted_heat_difference float NOT NULL
	production_hall_transformer_full_power float NOT NULL
	base_voltage short NOT NULL
	base_full_power short NOT NULL
	relative_baseline_unrestricted_power_resistance float NOT NULL
	high_voltage_air_line_length float NOT NULL
	head_transformer_full_power float NOT NULL
	short_circuit_voltage float NOT NULL
	cable_line_length float NOT NULL
	rated_voltage_of_higher_voltage_winding_of_transformer float NOT NULL
	relative_basis_resistance float NOT NULL
	power_line_relative_resistance float NOT NULL
	first_transformer_relative_reactive_resistance float NOT NULL
	cable_line_relative_reactive_resistance float NOT NULL
	second_transformer_relative_reactive_resistance float NOT NULL
	reactive_resistance_at_point_k_1 float NOT NULL
	base_current_at_point_k_1 float NOT NULL
	full_resistance_at_point_k_1 float NOT NULL
	short_circuit_current_at_point_k_1 float NOT NULL
	surge_current_at_point_k_1 float NOT NULL
	short_circuit_power_at_point_k_1 float NOT NULL
	rated_power_transformer_current float NOT NULL
FK	inductive_impedance_areas_id short NOT NULL

Inductive Impedance Areas DB

		inductive_impedance_areas
- K	PK	inductive_impedance_areas_id short NOT NULL
		inductive_resistance float NOT NULL

Protective Equipment DB

	protective_equipment	
PK	protective_equipment_id short NOT NULL	
	circuit_breaker_type float NOT NULL	
	thermal_release_rated_current varchar(255) NOT NULL	
	electromagnetic_releas_rated_current float NOT NULL	
	circuit_breaker_rated_currentf loat NOT NULL	
-FK	low_volt_cables_id short NOT NULL	

Low Volt Cables DB

	low_volt_cables
PK	low volt cables id short NOT NULL
	cable_type varchar(255) NOT NULL

Start Information DB

start_information		
PK	start_information_Id short NOT NULL	
	name varchar(255) NOT NULL	
	power float NOT NULL	
	amount short NOT NULL	
	k_i float NOT NULL	
	cos_f float NOT NULL	
	tg_f float NOT NULL	
	avg_daily_active_power float NOT NULL	
	avg_daily_reactive_power float NOT NULL	

Full-Start Information DB

full_start_information		
PK	full_start_information_id short NOT NULL	
	start_information_id short NOT NULL	
	full_information_id short NOT NULL	
	name varchar(255) NOT NULL	
	power float NOT NULL	
	power_of_group float NOT NULL	
	amount short NOT NULL	
	k_i float NOT NULL	
	cos_f float NOT NULL	
	tg_f float NOT NULL	
	avg_daily_active_power float NOT NULL	
	avg_daily_reactive_power float NOT NULL	

Full Information DB

full_information				
ĸ	full information id short NOT NULL			
	busbar_name varchar(255) NOT NULL			
	amount short NOT NULL			
	avg_daily_active_power float NOT NULL			
	avg_daily_reactive_power float NOT NULL			
	effective_amount_of_equipment short NOT NULL			
	coefficient_max float NOT NULL			
	max_active_power float NOT NULL			
	max_reactive_power float NOT NULL			
	max_full_power float NOT NULL			
	max_electric_current float NOT NULL			
	power_of_group float NOT NULL			
	cos_f float NOT NULL			
	tg_f float NOT NULL			
	k_i float NOT NULL			
	module float NOT NULL			