		cells			
cells_meta		cell_id	int –		
cell_type_id	int —	cell_type_id	int		
manufacturer	text	batch_number	text		
manufacturer_pn	text	label	text		
form_factor	text	date_received	date		
capacity_mah	int	comments	text		
chemistry	text	date_manufactured	date		
dimensions	jsonb	manufacture_sn	text		
		dimensions	jsonb		test_meta
		weight_g	real		test_id
		first_received_at_voltage_mv	real		cell_id
					schedule_id
		schedule_meta			test_name
		schedule_id	int		_ start_date
		schedule_name	text		end_date
		test_type	text		channel
		cycler_make	text		ev_chamber
		date_created	date		ev_chamber_slot
		created_by	text		thermocouples
		comments	text		thermocouple_channels
		cv_voltage_threshold_mv	int		comments
		schedule_files	text		
					project_id
		avalara			test_capacity_mah
		cyclers	: 4		potentiostat_id
ers_meta		cycler_id	int —		cycler_id
er_type_id	int —	cycler_type_id	int		
ufacturer	text	sn	text		
lel	text	calibration_date	date		
sheet	text	calibration_due_date	date		
_channels	smallint	location	text		
er_current_limit_a	numeric	timezone_based	text		
r_current_limit_a	numeric				

lower\_voltage\_limit\_v numeric

upper\_voltage\_limit\_v numeric

test\_data test\_data\_id int test\_id smallint smallint cycle step smallint test\_time\_s numeric step\_time\_s numeric current\_ma numeric voltage\_mv numeric recorded\_datetime timestamptz unixtime\_s numeric thermocouple\_temps\_c numeric[] other\_detail jsonb

test\_data\_cycle\_stats int cycle\_stats\_id smallint test\_id smallint cycle test\_time\_s int reported\_charge\_capacity\_mah numeric reported\_discharge\_capacity\_mah numeric reported\_charge\_energy\_mwh numeric reported\_discharge\_energy\_mwh numeric calculated\_charge\_capacity\_mah numeric calculated\_max\_charge\_temp\_c numeric calculated\_discharge\_capacity\_mah numeric calcualated\_max\_discharge\_temp\_c numeric calculated\_cc\_charge\_time\_s numeric calculated\_cv\_charge\_time\_s numeric calculated\_cc\_capacity\_mah numeric calculated\_cv\_capacity\_mah numeric calculated\_coulombic\_efficiency numeric reported\_coulombic\_efficiency numeric reported\_charge\_time\_s numeric reported\_discharge\_time\_s calculated\_fifty\_percent\_charge\_time\_s numeric calculated\_eighty\_percent\_charge\_time\_s numeric calculated\_charge\_energy\_mwh numeric calculated\_discharge\_energy\_mwh numeric other\_detail jsonb