

Preliminary Schedule vt 2020

SEE030 Variation Management in the Electricity System

<i>When?</i>	<i>Time?</i>	<i>Where?</i>	<i>What?</i>	<i>Who?</i>
Mon 20/1	08:00-09:45	EE	L1: Wind and solar variations	LG
Mon 20/1	10:00-10:45	FL62,FL72,FL73	Intro to mini-projects	LG+AT+JU
Mon 20/1	11:00-11:45	FL62,FL72,FL73	P1: Complements to wind & solar	LG+AT+JU
Wed 22/1	10:00-11:45	EE	L2: Intro to Variation Management	LG
Wed 22/1	13:15-17:00	HB105, HB110	P1: Implementation	TA:s
Mon 27/1	08:00-09:45	EE	L3: Demand-side Management	LG
Mon 27/1	10:00-10:45	FL62,FL72,FL73	P1: Presentation + Workshop	LG+AT+JU
Mon 27/1	11:00-11:45	FL62,FL72,FL73	P2: Household load shifting	LG+AT+JU
Wed 29/1	10:00-11:45	EE	L4: Batteries	PJ
Wed 29/1	13:15-17:00	HB105, HB110	P2: Implementation: method + results	TA:s
Mon 3/2	08:00-09:45	EE	L5: Electrolysis and Fuel cells	BW
Mon 3/2	10:00-10:45	FL62,FL72,FL73	P2: Presentation + Workshop (method)	LG+AT+JU
Mon 3/2	11:00-11:45	FL62,FL72,FL73	P2: Sensitivity analysis + scenarios	LG+AT+JU
Wed 5/2	13:15-17:00	ET floor 4	Support on P2 implementation	TA:s
Mon 10/2	08:00-09:45	EE	L6: Hydrogen storage and applications	LG
Mon 10/2	10:00-10:45	FL62,FL72,FL73	P2: Presentation + Workshop (final)	LG+AT+JU
Mon 10/2	11:00-11:45	FL62,FL72,FL73	P3: Electrified steel industry	LG+AT+JU
Wed 12/2	10:00-11:45	EE	L7: Flexible thermal + Hydropower	LG
Wed 12/2	13:15-17:00	HB105, HB110	P3: Implementation (method + results)	TA:s
Mon 17/2	08:00-09:45	EE	L8: Ancillary services	JU
Mon 17/2	10:00-10:45	FL62,FL72,FL73	P3: Presentation + Workshop (method)	LG+AT+JU
Mon 17/2	11:00-11:45	FL62,FL72,FL73	P3: Sensitivity analysis and scenarios	LG+AT+JU
Wed 19/2	10:00-11:45	EE	DUGGA	LG
Wed 19/2	13:15-17:00	HB105, HB110	P3: Implementation(sensitivity analysis)	TA:s
Mon 24/2	08:00-09:45	EE	L9: Linkages to heat sector	LG
Mon 24/2	10:00-10:45	FL62,FL72,FL73	P3: Presentation + Workshop (final)	LG+AT+JU
Mon 24/2	11:00-11:45	FL62,FL72,FL73	P4: Heat storage	LG+AT+JU
Wed 26/2	10:00-11:45	EE	L10: Linkages to transport	LG
Wed 26/2	13:15-17:00	HB105, HB110	P4: Implementation: method + results	TA:s
Mon 2/3	08:00-09:45	EE	L11: Economics	VJ
Mon 2/3	10:00-10:45	FL62,FL72,FL73	P4: Presentation + Workshop (method)	LG+AT+JU
Mon 2/3	11:00-11:45	FL62,FL72,FL73	P4: sensitivity + scenarios	LG+AT+JU
Wed 4/3	10:00-11:45	EE	L12: Environmental impact	AT
Wed 4/3	13:15-17:00	HB105, HB110	P4: Implementation(sensitivity analysis)	TA:s
Mon 9/3	08:00-09:45	EE	L13: Interactions & system impact	LG
Mon 9/3	10:00-10:45	FL62,FL72,FL73	P4: Presentation + Workshop (final)	LG+AT+JU
Mon 9/3	11:00-11:45	FL62,FL72,FL73	P5: Interactions	LG+AT+JU
Wed 11/3	10:00-11:45	EE	L14: Actors and decentralization	UH+LG
Wed 11/3	13:15-16:00	HB105, HB110	P5: Implementation	LG+AT+JU
Wed 11/3	16:15-17:00	HB105, HB110	P5: Presentation + Workshop	LG+AT+JU

Take-home exam sent out 12/3 due 19/3

Mandatory occasions in bold. L for lecture and P for project

LG: Lisa Göransson, Energy Technology, Chalmers

AT: Alla Toktarova, Energy Technology, Chalmers

JU: Jonathan Ullmark, Energy Technology, Chalmers

TA: Alla Toktarova, Jonathan Ullmark, Henrik Hodel, Rasmus Erlandsson, Frej Stjärnberg

PJ: Patrik Johansson, Condensed Matter Physics

BW: Björn Wickman, Chemical Physics

VJ: Viktor Johansson, Energy Technology

UH: Ulf Hagman, Head of Research, Gothenburg Energy

