

Fall 2025

Power Markets

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Instructions for getting a grade: All work is to be done **individually**.

1 Choose a paper on power markets learning on the topics discussed in class from the last five years (2020-). You may choose papers that appeared in IEEE Power or in IEEE sponsored conference. For other references, please consult me. If you want something else, slack me and I will respond with a yes/no bit. After two failed attempts, you will be assigned a paper of my choosing. Your choice mostly reflects on you: what do you find interesting/exciting in the field.

Your presentation will be scheduled for 15-20 minutes during the semester. (20% of the final grade for the presentation.) We will schedule the presentation for the last two weeks of the semester once the number of registered students finalizes.

2 Prepare a (up to) 4 pages summary of the paper you read. Make sure to use the terminology and notations studied in the class. Your summary should include a section that situates the paper in the literature, a section explaining the novelty, and a short review of relevant papers used. Your summary should be self-contained. This is the basis for your class presentation. (20% of the final grade for the presentation.)

3 Prepare (up to) 6 pages of your own personal addition on top of the paper. This can range from additional results, examples, simulations that illuminate a point not clarified by the original paper, a critical survey, etc. You are invited to discuss this with me. This is your opportunity to shine. We will schedule a 1:1 after you have submitted your written material for 20 minutes after the semester ends. (30% for the assignment, 30% for the 1:1 discussion.)

Please submit the written summary and your addition by 22/2/26 to me by email (shie@technion.ac.il) with the title “PM Final Assignment”.

I will **strictly reciprocate** with the delay any time after that. I will then schedule a 1:1 for each student.