Electronic Supplementary Material (ESI) for Nanoscale.

Largely enhanced energy storage capability of polymer nanocomposite utilizing a core-satellite strategy

Zhongbin Pan*[a,b], Mingkun Wang[a], Jianwen Chen[c], Bo Shen[b], Jinjun Liu*[a] and Jiwei Zhai*[b]

[a]School of Materials Science and Chemical Engineering, Ningbo University, Ningbo, Zhejiang, 315211, China.

[b]Key Laboratory of Advanced Civil Engineering Materials, Ministry of Education, School of Materials Science & Engineering, Tongji University, 4800 Caoan Road, Shanghai 201804, China.

[c]School of Electronic and Information Engineering, Foshan University, Foshan, 528000, China.

*E-mail: panzhongbin@163.com (Zhongbin Pan) apzhai@tongji.edu.cn (Jiwei Zhai), liujinjun1@nbu.edu.cn (Jinjun Liu)

Supporting information 1

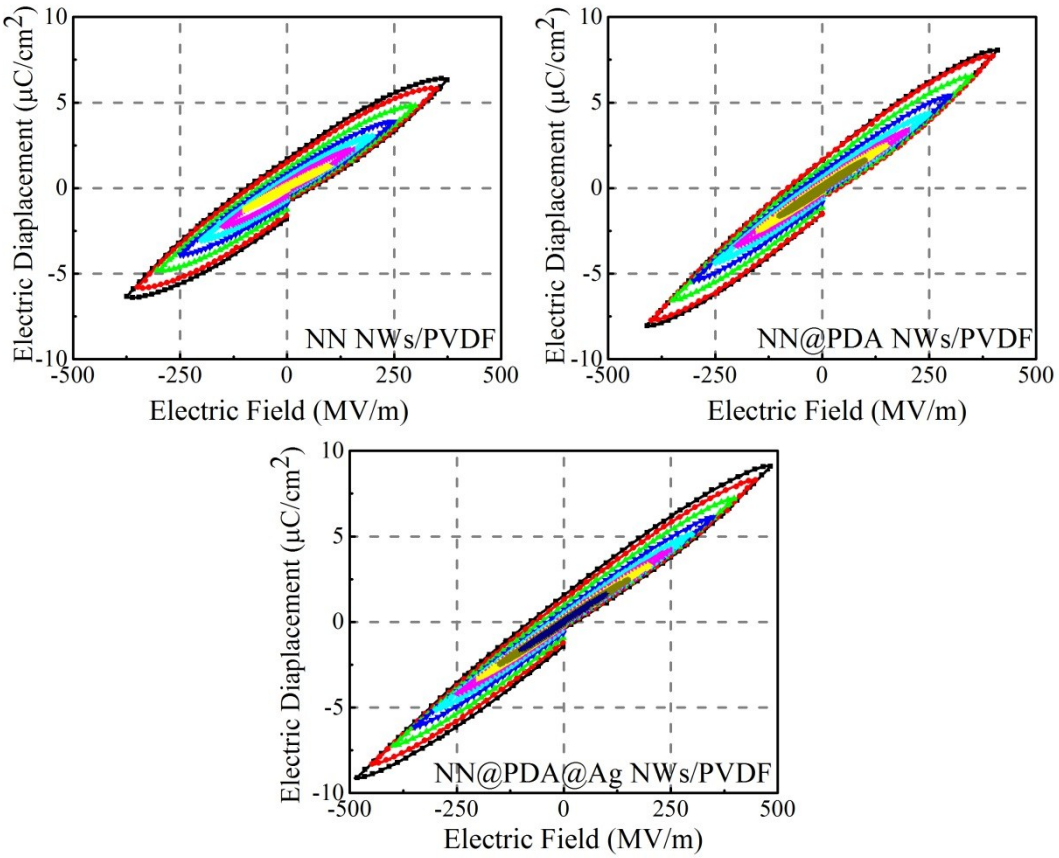

Figure S1 D-E curves of composite films loaded with 3 vol % NN NWs, 3 vol % NN@PDA NWs, and 3 vol % NN@PDA@Ag NWs

Supporting information 2

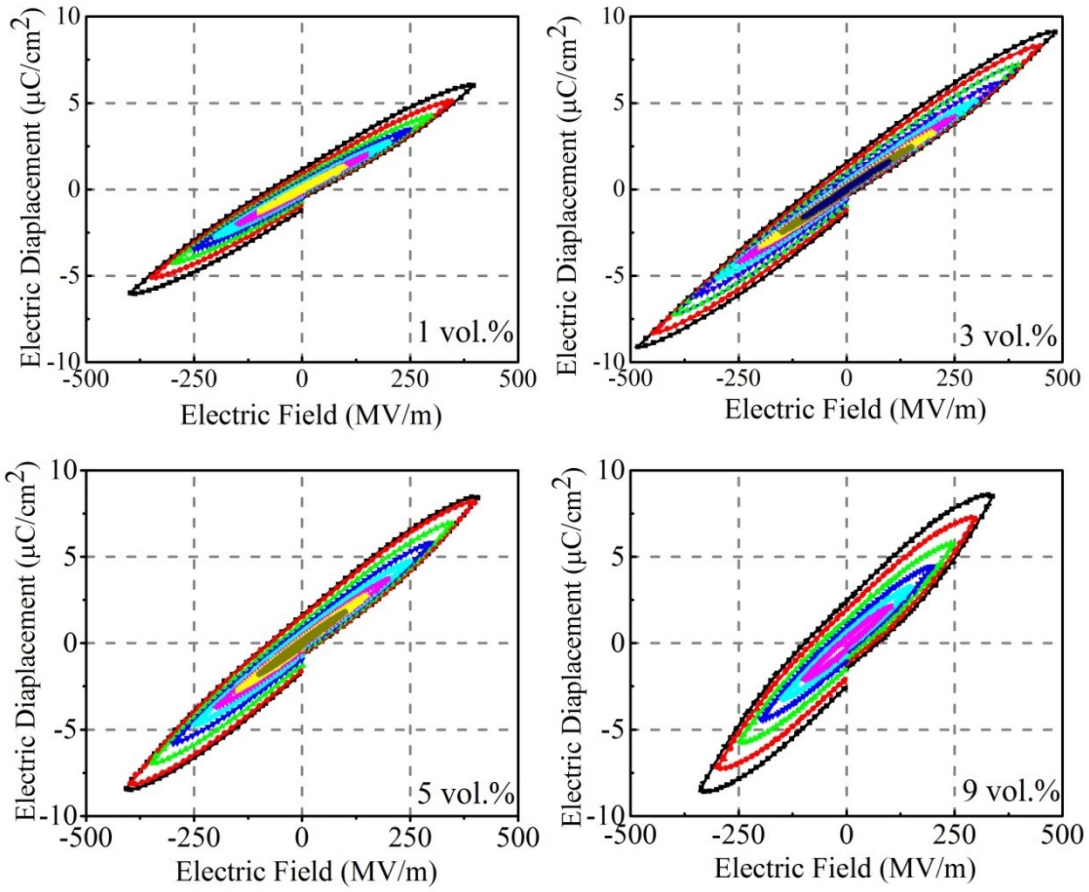

Figure S2 D-E curves of composite films loaded with different contents of NN@PDA@Ag NWs.

Supporting information 3

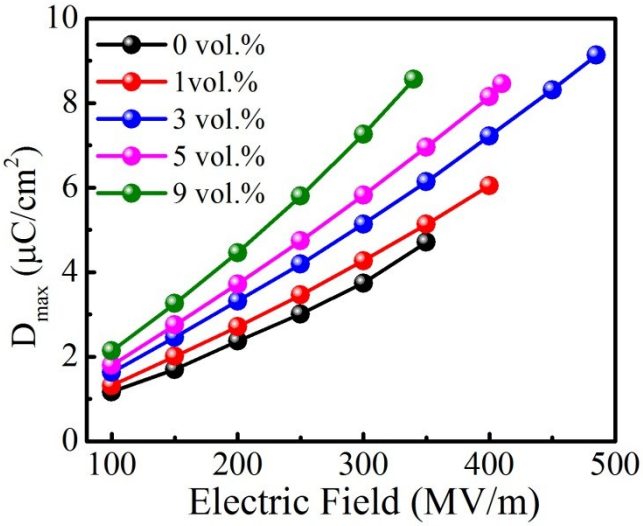

Figure S3 D_{max} of composite films filled with different contents of NN@PDA@Ag NWs.

Supporting information 4

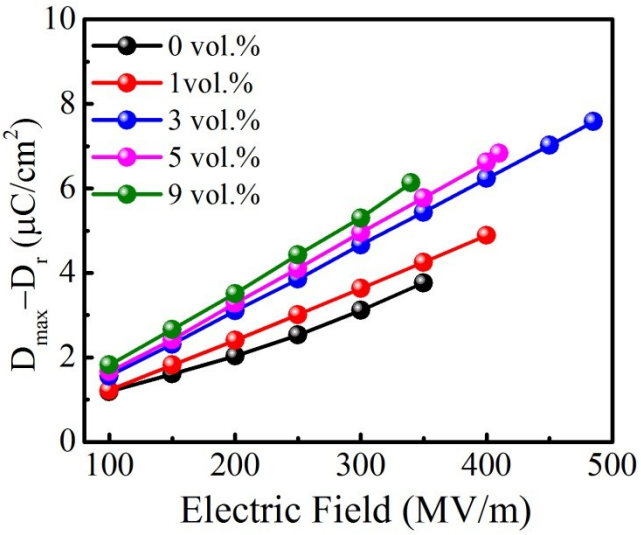

Figure S4 D_{max}-D_r of composite films filled with different contents of NN@PDA@Ag NWs.