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## SUSY and the ATLAS Missing Et Excess

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We demonstrate that the  $3\sigma$  excess observed by ATLAS in the Z+MET channel at 8 TeV can be explained within the context of the MSSM. Using the freedom inherent in the pMSSM, we perform a detailed analysis of the parameter space and find a scenario that describes the excess while simultaneously complying with all other search constraints from the Run I data at 7 and 8 TeV, including the Z+MET analysis by CMS. We generate a small sample of simplified models, using promising models from our existing pMSSM sample as seeds, and study their properties. The successful region is described by the production of 1st/2nd generation squark pairs, followed by their decay into a bino-like neutralino which in turn decays into a Higgsino-like LSP triplet by emitting a Z boson, i.e.,  $\tilde{q} \rightarrow B\tilde{\nu} \rightarrow h\tilde{\nu}$  with  $\tilde{q} = Q\tilde{L}, u\tilde{R},$  or  $\tilde{d}R$ . The sweet spot for the sparticle spectrum is found to have squark masses in the 500-750 GeV range, with bino masses near 350 GeV with a mass splitting of 150-200 GeV with the Higgsino LSP. If this excess holds, then this scenario predicts that a signal will be observed in the 0l+jets and/or 1l+jets searches in the early operations of Run II. Further implications of this scenario will be discussed.

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